



MG7700 series Online Manual

Read Me First
Printer Functions
Overview
Printing
Copying
Scanning
Troubleshooting

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Notes on Site Usage and Cookies

■ [Notes on Site Usage](#)

■ [How to Print](#)

Notes on Site Usage

- Five years after a product is discontinued, its setup file is made unavailable. The *Online Manual* remains available, but as a rule it is not updated.
- When viewing this site, note the following:
 - For best results, enable JavaScript in your browser settings.
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How to Print

Use the print function of your Web browser to print this site.

For Windows:

To set to print background colors and images, follow the steps below.

▶▶▶ Note

- In Windows 8, print in the desktop version.


- **In Internet Explorer 9, 10, or 11**

1. Select  (Tools) > **Print** > **Page setup...**
2. Select the **Print Background Colors and Images** checkbox.


- **In Internet Explorer 8**

1. Press the Alt key to display the menus.
Alternatively, from **Tools**, select **Toolbars** > **Menu Bar** to display the menus.
2. Select **Page Setup...** from the **File** menu.
3. Select the **Print Background Colors and Images** checkbox.

- **In Mozilla Firefox**


1. Select  (Menu) > **Print** > **Page Setup...**
2. Select the **Print Background (colors & images)** checkbox in **Format & Options**.

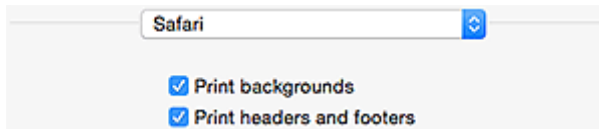
- **In Google Chrome**

1. Select  (Chrome Menu) > **Print...**
2. Select the **Background graphics** checkbox in **Options**.

For Mac OS:

To print background colors and images, follow the steps below to display the Print dialog options, then select the **Print backgrounds** checkbox.

1. Click **Print...** from the **File** menu.
2. Click **Show Details** or  (Down Arrow).
3. Select **Safari** from the pop-up menu.



Using This Online Manual

- [Symbols Used in This Document](#)
- [Touch-enabled Device Users \(Windows\)](#)

Symbols Used in This Document

Warning

Instructions that, if ignored, could result in death or serious personal injury caused by incorrect operation of the equipment. These must be observed for safe operation.

Caution

Instructions that, if ignored, could result in personal injury or material damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Important

Instructions including important information. To avoid damage and injury or improper use of the product, be sure to read these indications.

Note

Instructions including notes for operation and additional explanations.

Basics

Instructions explaining basic operations of your product.

Note

- Icons may vary depending on your product.

Touch-enabled Device Users (Windows)

For touch actions, you need to replace "right-click" in this document with the action set on the operating system. For example, if the action is set to "press and hold" on your operating system, replace "right-click" with "press and hold."

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Note

- The formal name of Windows Vista is Microsoft Windows Vista operating system.

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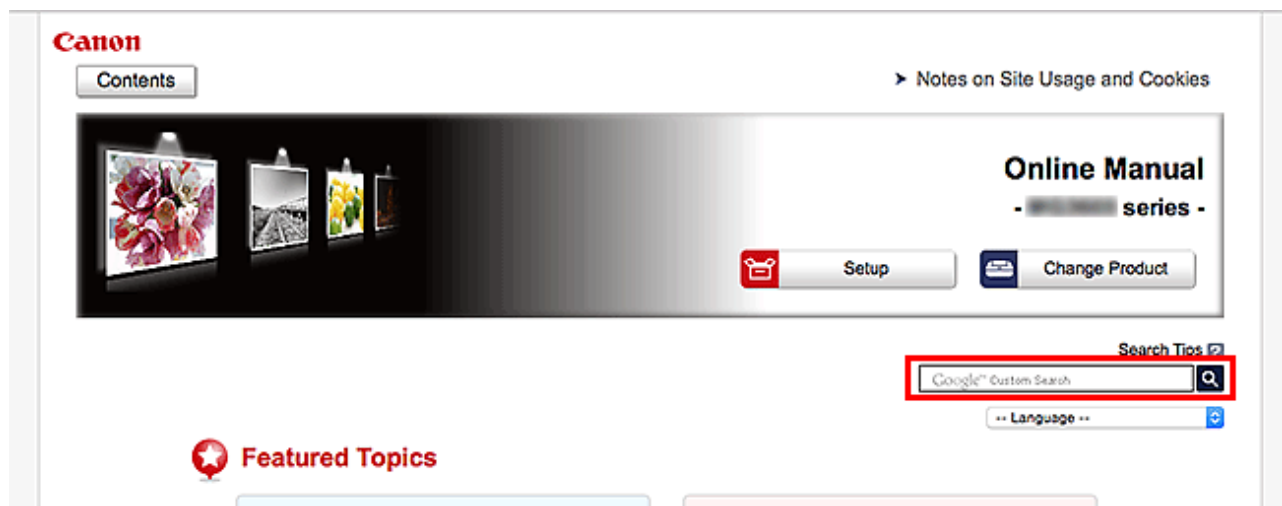
Enter keywords in the search window and click  (Search).

You can search for target pages in this guide.

Entry example: "(your product's model name) load paper"

Search Tips

You can search for target pages by entering keywords in the search window.



►► Important

- This function may not be available in some countries/regions.

►► Note

- The displayed screen may vary.
- When searching from this page without entering your product's model name or your application's name, all products supported by this guide will be considered for the search.
If you want to narrow down the search results, add your product's model name or your application's name to the keywords.

• Searching for Functions

Enter your product's model name and a keyword for the function you want to learn about

Example: When you want to learn how to load paper

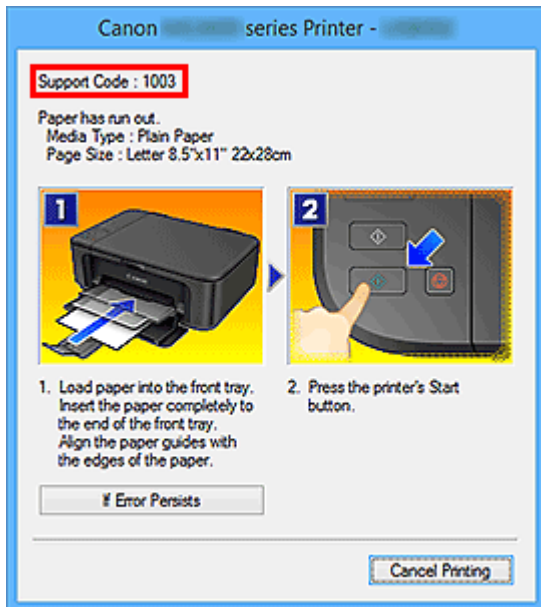
Enter "(your product's model name) load paper" in the search window and perform a search

• Troubleshooting Errors

Enter your product's model name and a support code

Example: When the following error screen appears

Enter "(your product's model name) 1003" in the search window and perform a search



►►► Note

- The displayed screen varies depending on your product.

• **Searching for Application Functions**

Enter your application's name and a keyword for the function you want to learn about

Example: When you want to learn how to print collages with My Image Garden

Enter "My Image Garden collage" in the search window and perform a search

• **Searching for Reference Pages**

Enter your model name and a reference page title*

* You can find reference pages more easily by entering the function name as well.

Example: When you want to browse the page referred to by the following sentence on a scanning procedure page

Refer to "Color Settings Tab" for your model from Home of the *Online Manual* for details.

Enter "(your product's model name) scan Color Settings Tab" in the search window and perform a search

Using the Machine

- ▶ **Printing Photos from a Computer**
- ▶ **Copying Originals**
- ▶ **Printing Photos**
- ▶ **Printing a Disc Label from a Computer**
- ▶ **Copying a Disc Label**

Printing Photos from a Computer

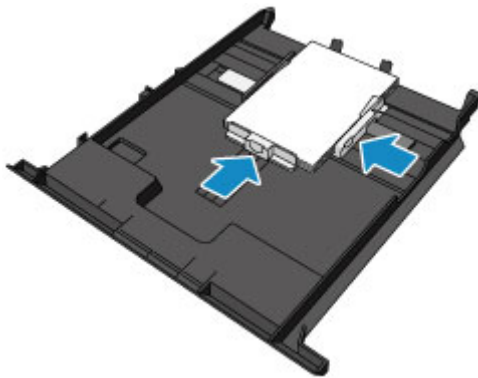
This section describes how to print photos with My Image Garden.

This section uses windows displayed when the Windows 8.1 operating system (hereinafter referred to as Windows 8.1) is used.

1. Pull out the cassette 1 from the machine.



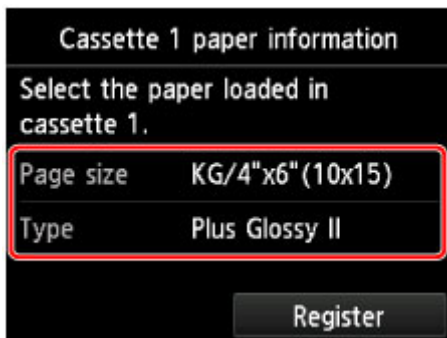
2. Load the paper stack vertically WITH THE PRINT SIDE FACING DOWN.
3. Align the paper guides with the paper length and width.



4. Insert the cassette 1 into the machine.

After inserting the cassette into the machine, the paper information registration screen for the cassette is displayed on the touch screen.

5. Select the size and type of the loaded paper in the cassette 1 at **Page size** and **Type**, then tap **Register**.



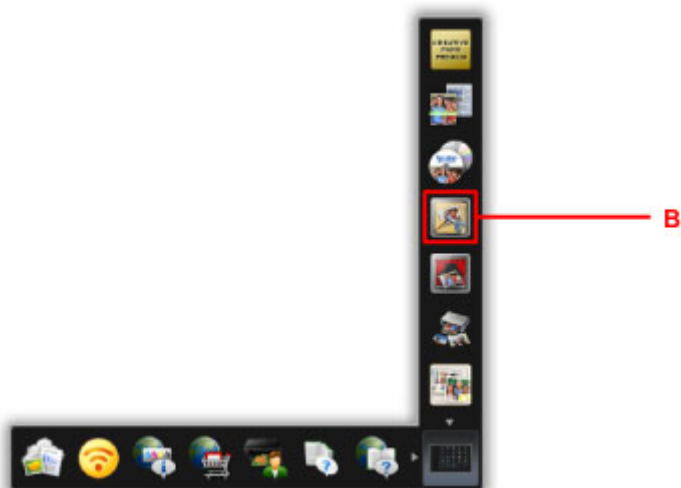
If a message is displayed on the screen, follow the directions in the message to complete registration.

6. Open the paper output tray (A).



7. Click the My Image Garden icon (B) in Quick Menu.

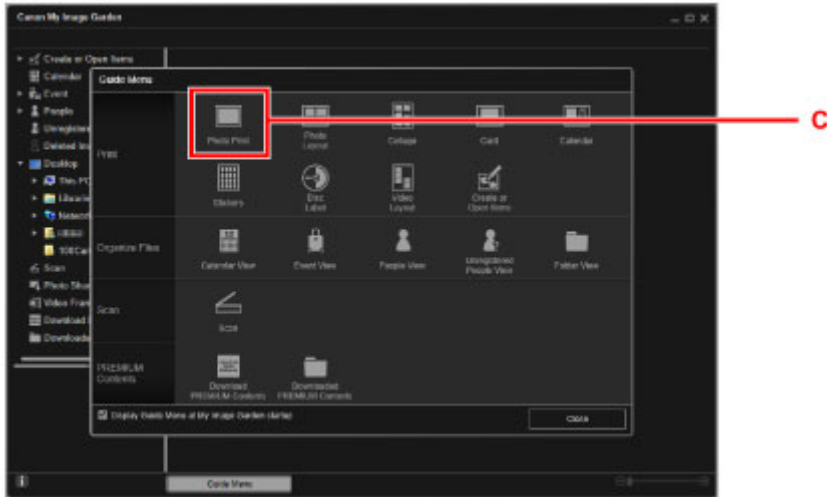
The **Guide Menu** screen is displayed.



▶▶▶ Note

- The number and types of icons displayed vary depending on your region, the registered printer/scanner and the installed applications.

8. Click the **Photo Print** icon (C).



9. Click the folder (D) with photos you want to print.

10. Click the photos (E) you want to print.

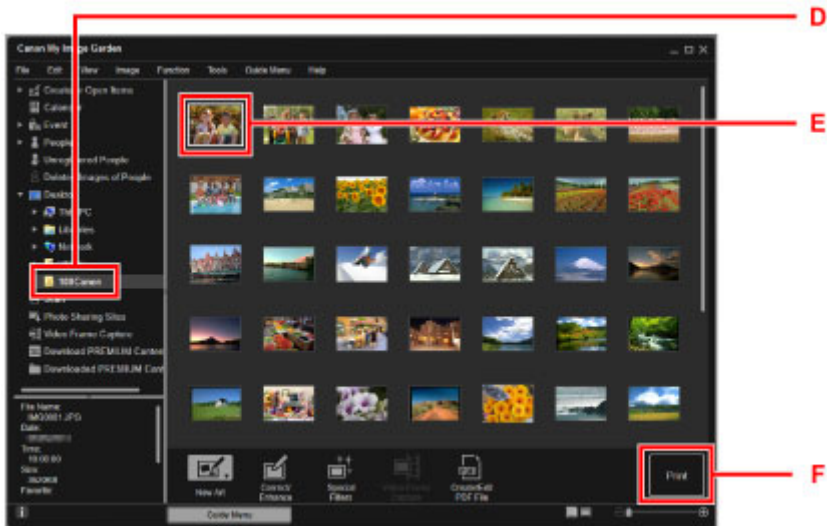
For Windows:

To select two or more photos at a time, click photos while pressing the Ctrl key.

For Mac OS:

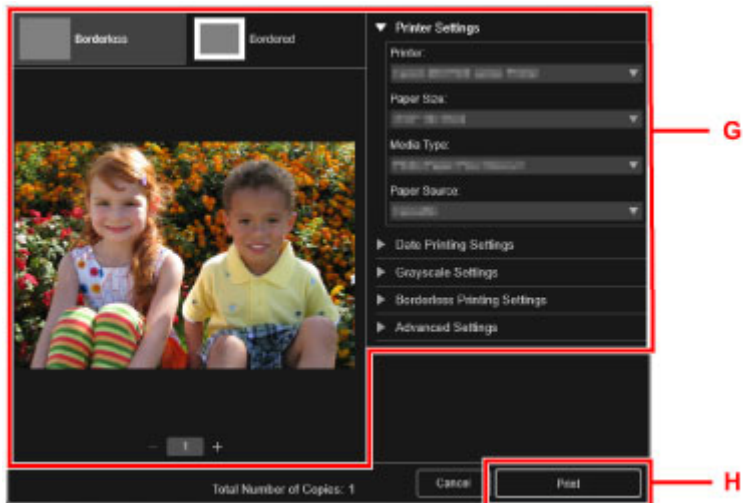
To select two or more photos at a time, click photos while pressing the command key.

11. Click **Print** (F).



12. Specify the number of copies, your machine name, media type, etc. (G).

13. Click **Print** (H).



For Mac OS:

Click **OK** when the confirmation message appears, then click **Print**.

»» Note

- My Image Garden lets you use images on your computer, such as photos taken with a digital camera, in a number of ways.
 - My Image Garden Guide (Windows)
 - My Image Garden Guide (Mac OS)

Copying Originals

This section describes how to load originals and copy them to plain paper.

1. Pull out the cassette 2 from the machine.



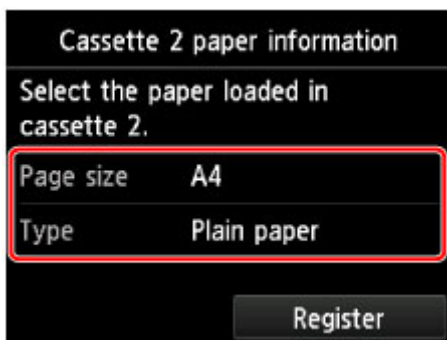
2. Load the paper stack WITH THE PRINT SIDE FACING DOWN.
3. Align the paper guides with the paper length and width.



4. Insert the cassette 2 into the machine.

After inserting the cassette into the machine, the paper information registration screen for the cassette is displayed on the touch screen.

5. Select the size and type of the loaded paper in the cassette 2 at **Page size** and **Type**, then tap **Register**.



If a message is displayed on the screen, follow the directions in the message to complete registration.

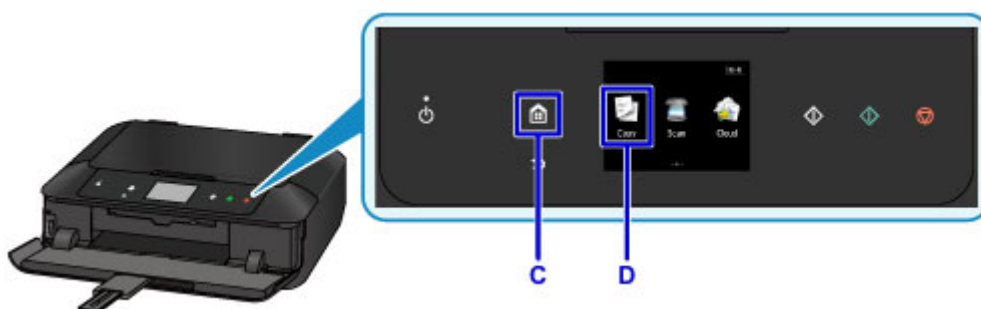
6. Open the paper output tray (A).

7. Extend the paper output support (B).



8. Touch the **HOME** button (C).

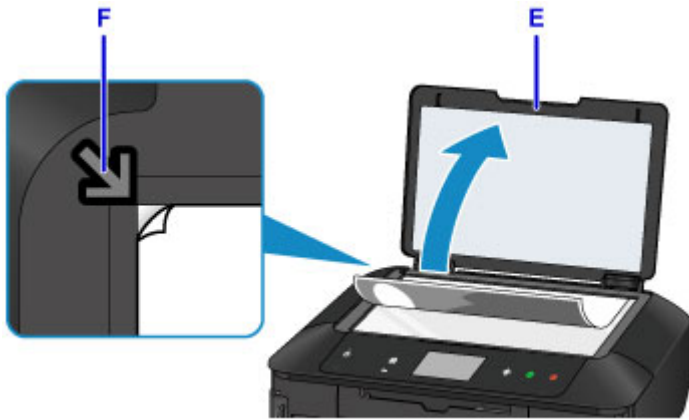
9. Tap  **Copy** (D).



10. Open the document cover (E).

11. Load the original **WITH THE SIDE TO COPY FACING DOWN** and align it with the alignment mark (F).

12. Close the document cover.



13. Confirm the paper settings, then touch the **Black** button or **Color** button (G).



►► Important

- Do not open the document cover until copying is complete.

►► Note

- Your machine is equipped with many other convenient copy features.

■ [Copying](#)

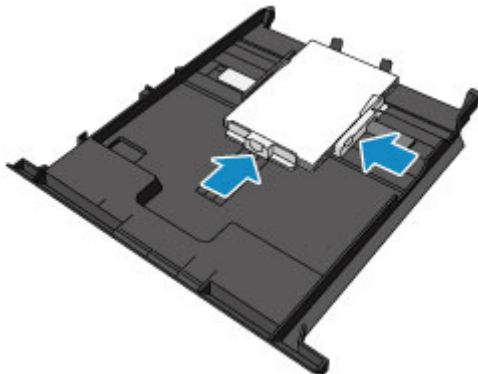
Printing Photos

This section describes how to print photos on a memory card.

1. Pull out the cassette 1 from the machine.



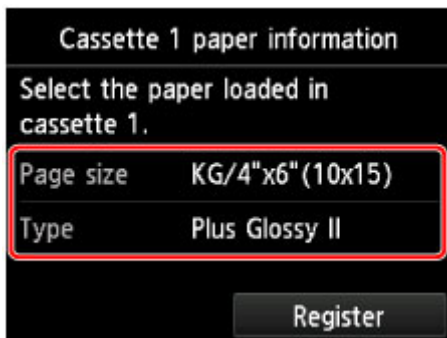
2. Load the paper stack vertically WITH THE PRINT SIDE FACING DOWN.
3. Align the paper guides with the paper length and width.



4. Insert the cassette 1 into the machine.

After inserting the cassette into the machine, the paper information registration screen for the cassette is displayed on the touch screen.

5. Select the size and type of the loaded paper in the cassette 1 at **Page size** and **Type**, then tap **Register**.



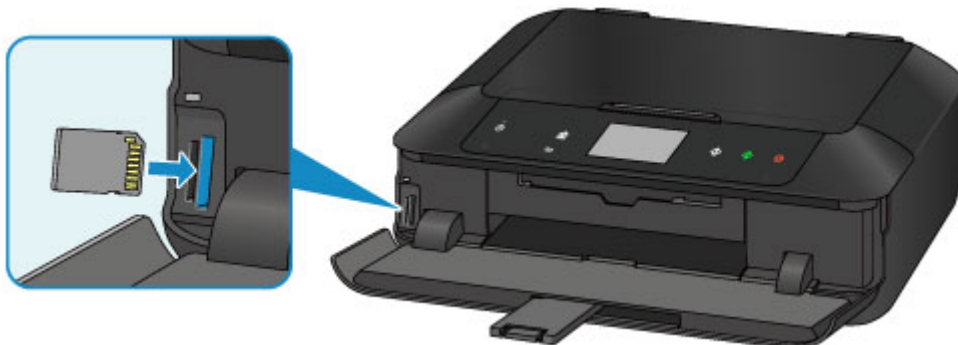
If a message is displayed on the screen, follow the directions in the message to complete registration.

6. Open the paper output tray (A).



7. Insert the memory card.

* The figure below shows the SD/SDHC memory card as an example.

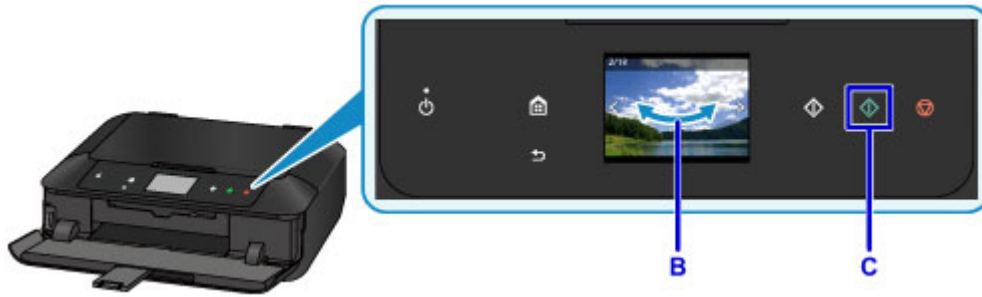


▶▶▶ Note

- For details on inserting memory cards other than SD/SDHC, see below.

■ [Inserting the Memory Card](#)

8. Flick right and left through the photos (B) and select one.
9. Confirm the paper settings, then touch the **Color** button (C).



▶▶ Important

- Do not remove the memory card during printing. Data on the memory card may be damaged.

▶▶ Note

- Your machine is equipped with many other convenient photo print features.

■ [Printing Photo Data](#)

Printing a Disc Label from a Computer

This section describes how to print photos on a printable disc with My Image Garden.

This section uses windows displayed when the Windows 8.1 operating system (hereinafter referred to as Windows 8.1) is used.

▶▶▶ Important

- Do not attach the disc tray until the message asking you to load the printable disc is displayed. Doing so can damage the machine.

1. Click the My Image Garden icon (A) in Quick Menu.

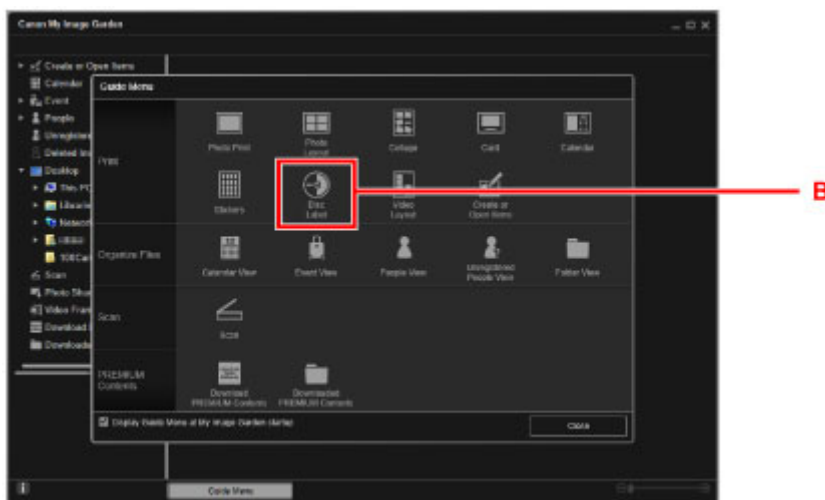
The **Guide Menu** screen is displayed.



▶▶▶ Note

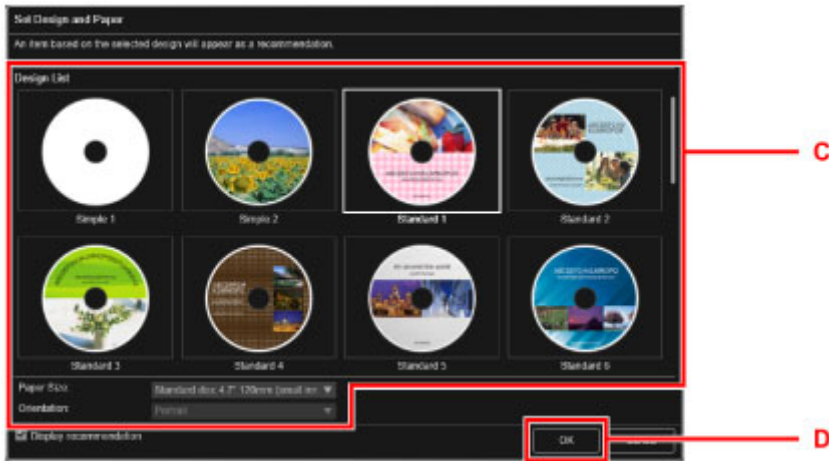
- The number and types of icons displayed vary depending on your region, the registered printer/scanner and the installed applications.

2. Click the **Disc Label** icon (B).



3. Specify the theme, **Paper Size**, etc. (C).

4. Click **OK** (D).



5. When a dialog screen is displayed, click **OK**.

6. Click **Add Image** (E), then select photos to print onto the disc label.

Note

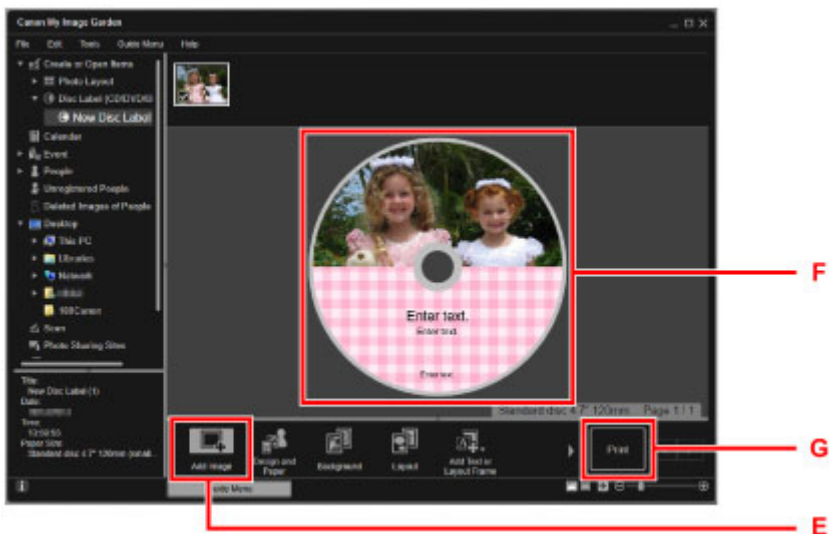
- The layout may not be as expected depending on the photo information or analysis results of the selected images.

7. Edit the disc label (F).

You can change the background or add texts.

- My Image Garden Guide (Windows)
- My Image Garden Guide (Mac OS)

8. Click **Print** (G).



9. Specify the number of copies, your machine name, etc. (H).

10. Click **Print** (I).



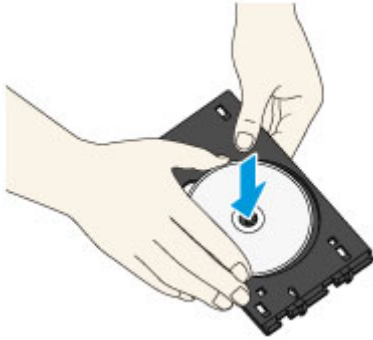
For Mac OS:

Click **OK** when the confirmation message appears, then click **Print**.
 When the confirmation message appears again, click **OK**.

11. Open the paper output tray (J).
12. When the message asking you to load the printable disc is displayed, open the disc tray guide (K).



13. Place the printable disc with the printable surface facing up on the disc tray.
 The disc tray is attached in the back of the cassette 1.



14. Place the disc tray on the disc tray guide.

Insert the disc tray straight until the arrow (◀) on the disc tray guide is almost aligned with the arrow (▶) on the disc tray.



15. Start printing.

For Windows:

Click **Start Printing** on the dialog screen.

For Mac OS:

Tap **OK** on the touch screen.

The disc tray is drawn into the machine, then printing will start.

After printing is complete, pull the disc tray out from the machine.

▶▶▶ Note


- My Image Garden enables you to print photos onto the disc label with various layouts.

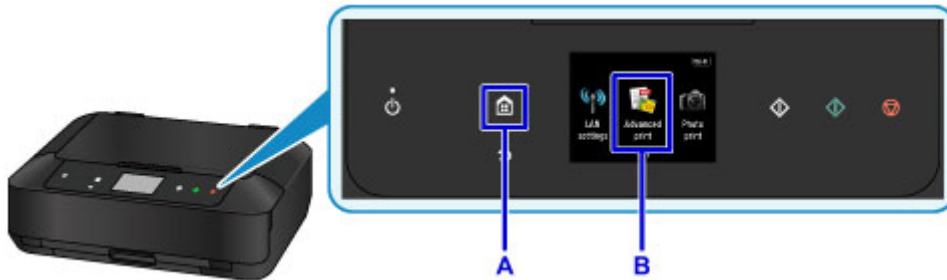
- My Image Garden Guide (Windows)
- My Image Garden Guide (Mac OS)

Copying a Disc Label

This section describes how to copy the label of an existing disc (BD/DVD/CD, etc.) and print it on a printable disc.

1. Touch the **HOME** button (A).

2. Flick the HOME screen, then tap  **Advanced print** (B).

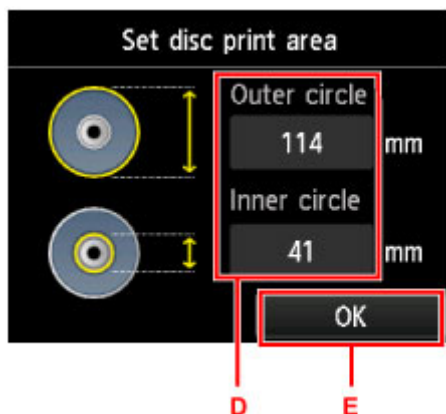


3. Flick the menu screen, then tap  **Copy label to disc label** (C).

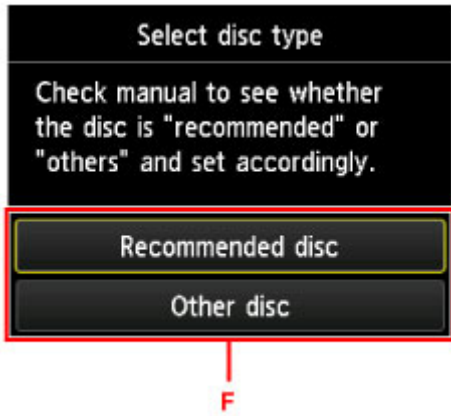


4. Specify the print area of the printable disc as necessary.

Tap **Outer circle** or **Inner circle** (D), specify the print area, then tap **OK** (E).



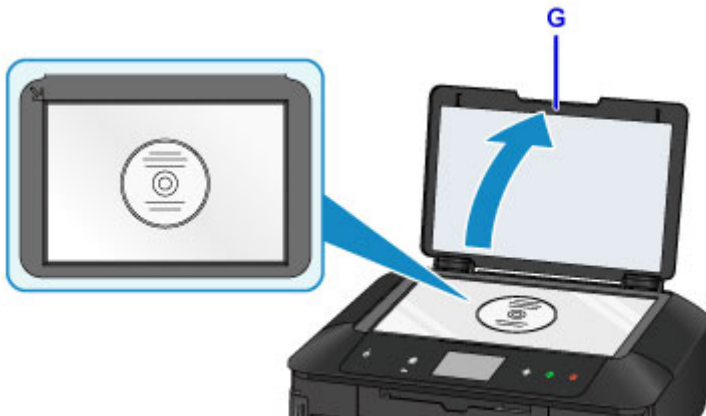
5. Select a printable disc type (F) by tapping it.



6. Open the document cover (G).

7. Load the copy source (BD/DVD/CD, etc.) WITH ITS LABEL SIDE DOWN on the platen glass.

8. Close the document cover.



9. Tap **OK** on the touch screen.

10. Confirm the print settings, then touch the **Black** button or **Color** button (H).

The message asking you to load the printable disc is displayed.



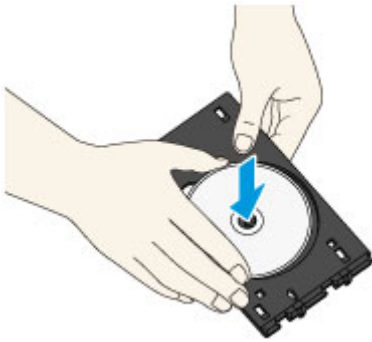
11. Open the paper output tray (I).

12. Open the disc tray guide (J).



13. Place the printable disc with the printable surface facing up on the disc tray.

The disc tray is attached in the back of the cassette 1.



14. Place the disc tray on the disc tray guide.

Insert the disc tray straight until the arrow (◀) on the disc tray guide is almost aligned with the arrow (▶) on the disc tray.



15. Tap **OK** on the touch screen.

The disc tray is drawn into the machine, then copying will start.

After copying is complete, pull the disc tray out from the machine.

Important

- Do not open the document cover until copying is complete.

Note

- Your machine is equipped with many other disc label print features.

■ [Disc Label Printing](#)

Printer Functions

- ▶ **Connect Wirelessly with Ease in "Direct Connection"**
- ▶ **Print Photos Easily Using My Image Garden**
- ▶ **Create and Print Personalized Disc Labels (CD/DVD/BD) Easily and Beautifully**
- ▶ **Download a Variety of Content Materials**
- ▶ **Print Items with Easy-PhotoPrint+ (Web Application)**
- ▶ **Available Connection Methods**
- ▶ **Easy Scan with the Auto Function**
- ▶ **Scan Originals Larger than the Platen**
- ▶ **Scan Multiple Originals at One Time**
- ▶ **Using PIXMA/MAXIFY Cloud Link**
- ▶ **Print Easily from a Smartphone or Tablet with Canon PRINT Inkjet/SELPHY**
- ▶ **Printing with Windows RT**
- ▶ **Checking Printer Information**

Connect Wirelessly with Ease in "Direct Connection"

The machine supports "direct connection" in which you can connect to the machine wirelessly from a computer or smartphone even in an environment without a wireless router.

Switch to "direct connection" with simple steps to enjoy scanning and printing wirelessly.

■ ■ [Using Machine with Direct Connection](#)



Print Photos Easily Using My Image Garden

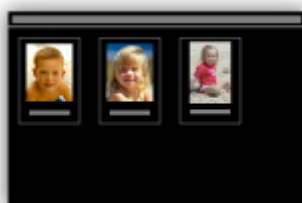
Organize Images Easily

In My Image Garden, you can register the names of people and events to photos. You can organize photos easily as you can display them not only by folder but also by calendar, event, and person. This also allows you to find the target photos easily when you search for them later on.

<Calendar View>



<People View>



Display Recommended Items in Slide Shows

Based on the information registered to photos, Quick Menu automatically selects the photos on your computer and creates recommended items such as collages and cards. The created items appear in slide shows.



If there is an item you like, you can easily print it in just two steps.

1. In Image Display of Quick Menu, select the item you want to print.
2. Print the item with My Image Garden.



Place Photos Automatically

Delightful items are created easily as the selected photos are placed automatically according to the theme.



Other Various Functions

My Image Garden has many other useful functions.

Refer to the following for details.

- What You Can Do with My Image Garden (Windows)
- What You Can Do with My Image Garden (Mac OS)

Create and Print Personalized Disc Labels (CD/DVD/BD) Easily and Beautifully

Print without a Computer

You can enjoy disc label printing easily even without using a computer.

Refer to "[Disc Label Printing](#)" for details.

Create and Print Items with My Image Garden

Use My Image Garden to combine your favorite photos with preset designs to create and print personalized disc labels.

Refer to the following for details.

- Printing Disc Labels (CD/DVD/BD) (Windows)
- Printing Disc Labels (CD/DVD/BD) (Mac OS)

Create and Print Items with Easy-PhotoPrint+

By accessing Easy-PhotoPrint+ on the web from a computer or tablet, you can combine your favorite photos with preset materials to easily create and print personalized disc labels.



▶▶▶ Note

- Refer to "[How to Detach / Attach the Disc Tray](#)" for how to set the disc tray.

Download a Variety of Content Materials

CREATIVE PARK

A "printing materials site" where you can download all the printing materials for free.

Various types of content such as seasonal cards and paper crafts that can be made by assembling paper parts are provided.

It is easily accessible from Quick Menu.

CREATIVE PARK PREMIUM

A service where customers using models that support PREMIUM Contents can download exclusive printing materials.

PREMIUM Contents can be downloaded easily via My Image Garden or Easy-PhotoPrint+. Downloaded PREMIUM Contents can be printed directly with My Image Garden or Easy-PhotoPrint+.

To download PREMIUM Contents, make sure that genuine Canon ink tanks/ink cartridges are installed for all colors on a supported printer.



▶▶▶ Note

- The designs of PREMIUM Contents provided in this page are subject to change without prior notice.

Print Items with Easy-PhotoPrint+ (Web Application)

You can easily create and print personalized items such as calendars and collages, anytime and anywhere, by simply accessing Easy-PhotoPrint+ on the web from a computer or tablet.

By using Easy-PhotoPrint+, you can create items in the latest environment without going through the trouble of installation.

Moreover, you can use various photos for your item through integration with social networks such as Facebook, or with online storage, web albums, etc.

Refer to "Easy-PhotoPrint+ Guide" for details.



Available Connection Methods

The following connection methods are available on the machine.

Wireless Connection

- With a wireless router



- Without a wireless router



Wired Connection



USB Connection



Wireless Connection

There are two methods for connecting the printer to your device (such as a smartphone). One method is to connect using a wireless router, and the other method is to connect without using a wireless router.

The two connection methods cannot be used at the same time.


If you have a wireless router, we recommend you use the method described in Connection Using a Wireless Router.

When connecting another device while a device is already connected to the printer, connect it using the same connection method as the connected device.

If you connect using a different connection method, the connection to the device in use will be disabled.

• Connection Using a Wireless Router



- Connect the printer and a device using a wireless router.
- Connection methods vary depending on the wireless router type.
- You can change network settings such as the SSID and security protocol on the printer.
- When the connection between a device and a wireless router is completed and  (Wi-Fi icon) is displayed in the device's screen, you can connect the device to the printer using the wireless router.

• Connection without Using a Wireless Router



- Connect the printer and a device without using a wireless router. Connect a device and the printer directly using the printer's direct connection.
- When establishing a connection in the direct connection, Internet connection may become unavailable. In that case, web services for the printer cannot be used.
- If you connect a device connected to the Internet via a wireless router to the printer that is in the direct connection, the connection between the device and wireless router will be disabled. In that case, the connection of the device may switch to a mobile data connection automatically depending on your device. Transmission fees for connecting to the Internet using a mobile data connection apply.
- In the direct connection, you can connect up to five devices at the same time. If you try to connect a sixth device while five devices are already connected, an error will appear. If an error appears, disconnect a device you do not use and configure settings again.
- Network settings such as the SSID and security protocol are specified automatically.

When using Windows XP, see below.

Direct Connection (Windows XP)

Wired Connection

Connect the printer and a hub or router with an Ethernet cable. Prepare an Ethernet cable.

USB Connection

Connect the printer and a computer with a USB cable. Prepare a USB cable.

Restrictions

(Appears in a new window)

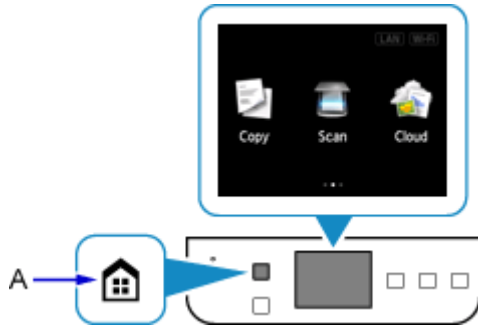
Direct Connection (Windows XP)

Restrictions

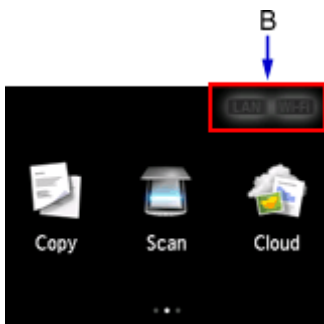
(Appears in a new window)

1. If the **HOME** button (A) on the printer is lit, touch the **HOME** button.

If an error screen is displayed, tap **OK**, then touch the **HOME** button.



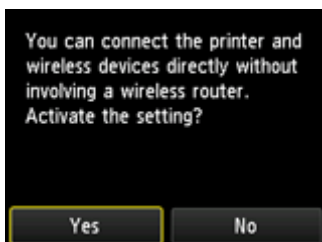
2. Tap the upper right (B) of the screen.



3. Tap **Activate direct connect..**

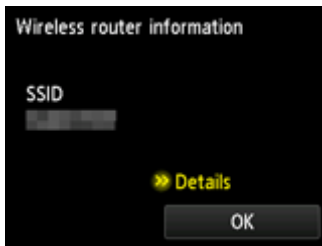


4. Tap **Yes**.

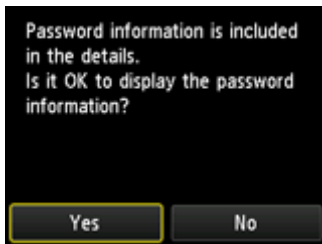


5. Check the **SSID** displayed in the printer screen.

6. Tap **Details**.



7. Tap **Yes**.

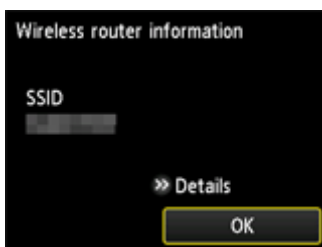


8. Check **Password** (network key), and then tap **OK**.

You will use the **SSID** and **Password** (network key) in the subsequent steps.



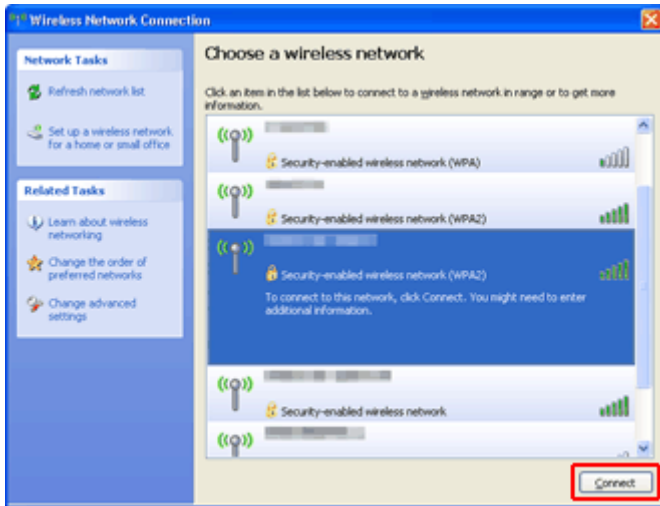
9. Tap **OK**.



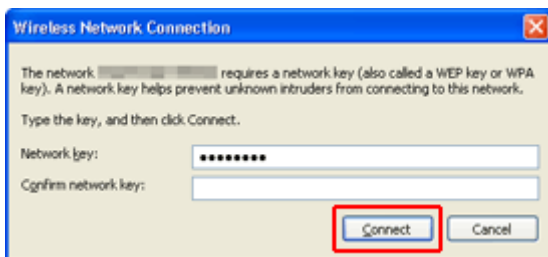
10. Right-click the **Wireless Network Connection** icon in the notification area of the taskbar on the computer, then select **View Available Wireless Networks**.



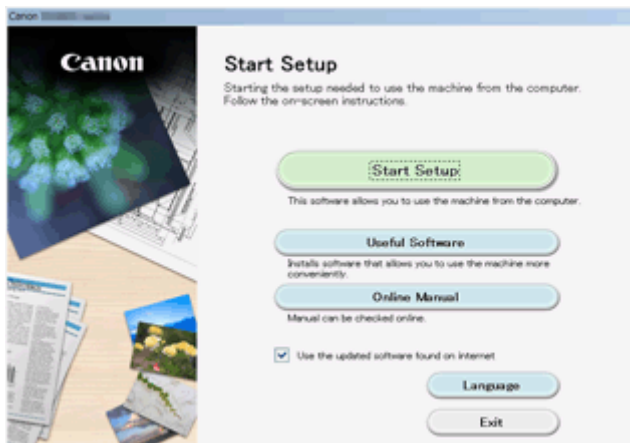
11. Select the network name (SSID) you want to use, then click **Connect**.



12. Enter the **Password (Network key)**, then click **Connect**.



13. When connection is complete, click **Back** until the screen below appears. Proceed with the setup.



Restrictions

When connecting another device while a device (such as a smartphone) is already connected to the printer, connect it using the same connection method as the connected device.

If you connect using a different connection method, the connection to the device in use will be disabled.

Connection Using a Wired Network cannot be performed on printers that do not support a wired connection.

Connect via wireless router

- You cannot establish a printer with wireless and wired connections at the same time.
- Make sure your device and the wireless router are connected. For details on checking these settings, see the manual supplied with the wireless router or contact its manufacturer.

As for a device already connected to the printer without using a wireless router, reconnect it via a wireless router.

- Configuration, router functions, setup procedures and security settings of network devices vary depending on the system environment. For details, see the manual for your network device or contact its manufacturer.
- Check if your device supports IEEE802.11n (2.4 GHz), IEEE802.11g or IEEE802.11b.
- If your device is set to the "IEEE802.11n only" mode, WEP or TKIP cannot be used as a security protocol. Change the security protocol for your device to something other than WEP and TKIP or change the setting to something other than "IEEE802.11n only."

The connection between your device and the wireless router will be temporarily disabled while the setting is changed. Do not proceed to the next screen of this guide until setup is complete.

- For office use, consult your network administrator.
- Note that if you connect to a network with no security protection, your personal information could be disclosed to a third party.

Direct Connection

►► Important

- If a device is connected to the Internet via a wireless router, and you then connect it to a printer in Direct Connection mode, the existing connection between the device and wireless router will be disabled. In that case, the connection of the device may switch to a mobile data connection automatically depending on your device. When you connect to the Internet using a mobile data connection, charges may apply depending on your contract.
 - When you connect a device and the printer using Direct Connection, the connection information will be saved to Wi-Fi settings. The device may be connected to the printer automatically even after disconnecting it or connecting it to another wireless router.
 - You cannot connect to a wireless router and a printer in Direct Connection mode at the same time. If you have a wireless router, it is recommended that you use the wireless router to connect to the printer.
 - To prevent automatic connection to the printer in Direct Connection mode, change the connection mode after using the printer, or set not to connect automatically in the Wi-Fi settings of the device.
For details on checking or changing wireless router settings, see the wireless router manual or contact its manufacturer.

- If you connect a device and the printer using Direct Connection, Internet connection may become unavailable depending on your environment. In that case, web services for the printer cannot be used.

- In Direct Connection mode, you can connect up to five devices at the same time. If you try to connect a sixth device while five devices are already connected, an error will appear.
If an error appears, disconnect a device that does not use the printer, then configure settings again.
- Devices connected to the printer using Direct Connection cannot communicate with each other.
- Firmware updates for the printer are not available while using Direct Connection.
- When a device has been connected to the printer without using a wireless router and you want to set it up again using the same connection method, disconnect it first. Disable the connection between the device and printer in the Wi-Fi setting screen.

Connection Using a Wired Network

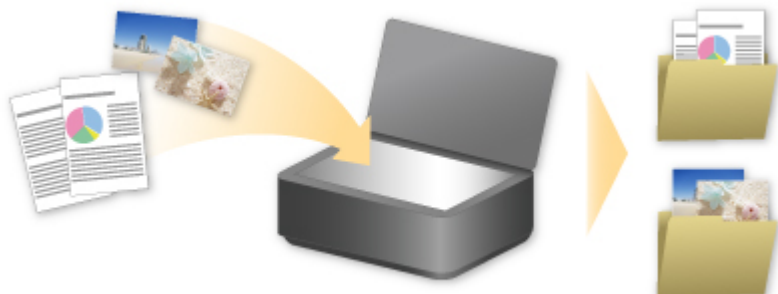
- You cannot establish a printer with wireless and wired connections at the same time.
- When using a router, connect the printer and a device to the LAN side (same network segment).

Easy Scan with the Auto Function

By using the auto function of IJ Scan Utility, you can scan easily by automatically detecting the item type.

Refer to the following for details.

- Easy Scanning with Auto Scan (Windows)
- [Easy Scanning with Auto Scan](#) (Mac OS)



Scan Originals Larger than the Platen

By using the stitch function of IJ Scan Utility, you can scan the left and right halves of an item larger than the platen and combine them back into one image. Items up to approximately twice as large as the platen are supported.

Refer to the following for details.

- [Scanning Originals Larger than the Platen \(Image Stitch\) \(Windows\)](#)
- [Scanning Originals Larger than the Platen \(Image Stitch\) \(Mac OS\)](#)

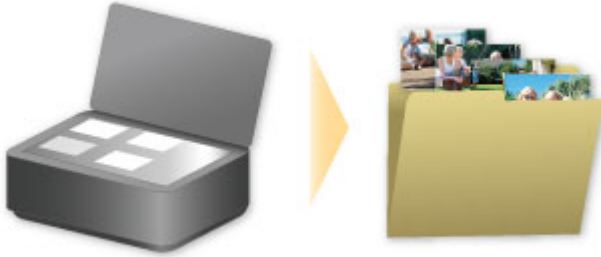


Scan Multiple Originals at One Time

By using IJ Scan Utility, you can scan two or more photos (small items) placed on the platen at one time and save each image individually.

Refer to the following for details.

- Scanning Multiple Originals at One Time (Windows)
- [Scanning Multiple Originals at One Time](#) (Mac OS)



Using PIXMA/MAXIFY Cloud Link

By using PIXMA/MAXIFY Cloud Link, you can connect your printer to a cloud service, such as CANON iMAGE GATEWAY, Evernote, or Twitter, and use the following functions without using a computer:

- Print images from a photo-sharing service
- Print documents from a data management service
- Save scanned images to a data management service.
- Use Twitter to report the printer status, such as no paper or low ink levels.

In addition, you can use various functions by adding and registering apps that are linked with various cloud services.

■ [Using PIXMA/MAXIFY Cloud Link from Your Printer](#)

■ [Using PIXMA/MAXIFY Cloud Link from Your Smartphone, Tablet, or Computer](#)



▶▶▶ Important

- In certain countries, PIXMA/MAXIFY Cloud Link may not be available or the available apps may be different.
- Some apps require that you have an account before you use those apps. For such apps, please set up an account beforehand.
- To find out which models support PIXMA/MAXIFY Cloud Link check the Canon homepage.
- The screen display may change without prior notice.

Notice for Web Service Printing

When Using Web Service

- Canon does not guarantee the continuity and reliability of the web services provided, the availability of site access, or permission to download the materials.
- Canon may at any time update, change, or delete the information provided through the web service, or may suspend or discontinue the service without prior notice. Canon shall not be held responsible for any damages resulting from such actions.
- In no event shall Canon be liable for any damages whatsoever resulting from the use of the web services.
- User registration is necessary before you can use the external link site.
When you use the external link site, observe the conditions of use of the site and use the service within your own responsibility.
- All or part of the web service may not be available depending on the country or region you live in.
- Depending on your network environment, some functions on web service are not available. Even if they are available, it may take a while to print or display the contents, or communication may be interrupted while operation is in progress.
- When you use web service, your machine's name, information of your region or country, your selected language, and what kind of service you use (e.g. photo sharing site) are sent to and saved in our server. Canon is unable to identify specific customers using this information.
- Before you transfer ownership or dispose of a printer that supports a color LCD monitor, select **Device settings** -> **Reset setting** -> **Reset all** and delete your login name and password.
- For details, contact a Canon-authorized sales representative in the country or region you live in.

To Those Living in Mainland China

- PIXMA/MAXIFY Cloud Link, Easy-PhotoPrint+, and some functions of PIXMA/MAXIFY Printing Solutions, which are included with this machine, are provided by Canon Inc.
However, as the server is installed outside of mainland China, some of these services may not be available yet.

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1. The copyright of each material (photos, illustrations, logos, or documents: hereinafter referred to as "the materials") provided on the printing service belongs to their respective owners. Issues pertaining to Rights of Publicity may arise regarding the use of any of people or characters displayed on the printing service.

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Using PIXMA/MAXIFY Cloud Link from Your Printer

- ▶ [Before Using PIXMA/MAXIFY Cloud Link](#)
- ▶ [Registering Printer Information to PIXMA/MAXIFY Cloud Link](#)
- ▶ [Using PIXMA/MAXIFY Cloud Link](#)
- ▶ [Cloud Troubleshooting](#)

Before Using PIXMA/MAXIFY Cloud Link

First, check the following content:

- **Precautions**

If you plan to use the web service to print documents, be sure to check these [precautions](#) beforehand.

- **Printer Specifications**

- The printer must support a color LCD monitor.
- Your printer may not support the scan function.
- The printer must support the Canon Inkjet Cloud Printing Center.

Some models do not support this function. To check whether your model supports this function, see "Models that Support Canon Inkjet Cloud Printing Center".

- **Network environment**

The printer must be connected to a LAN and to the Internet.

If your printer is not connected to a LAN, see here and set one up.

For information on the LAN and Internet settings, see the manual of your network devices or contact the manufacturer.

Important

- The user will bear the cost of Internet access.

■ [Registering Printer Information to PIXMA/MAXIFY Cloud Link](#)

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This software is based in part on the work of the Independent JPEG Group.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

University of Cambridge Computing Service, Cambridge, England.

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Registering Printer Information to PIXMA/MAXIFY Cloud Link

Follow the steps described below to register the printer information to the cloud service server.

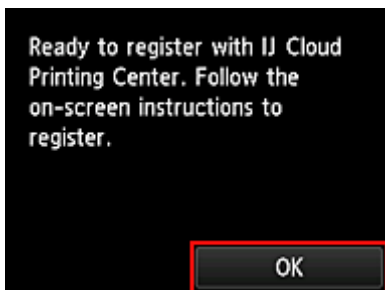
1. Check that the printer is connected to the Internet

2. From the printer home screen, select  **Cloud**

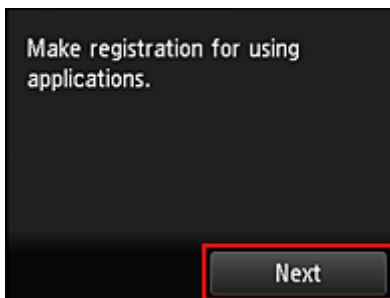
▶▶▶ Note

- [If multiple users will be using the printer](#) after the initial registration, select the login user name from the **Switch user** screen, enter the [Security code](#), and proceed with the registration. If the **Security code** is incorrect, use your smartphone, tablet, or computer, and change the setting from the [My account](#) of the Canon Inkjet Cloud Printing Center.

3. When the registration preparation completed screen appears, select **OK**

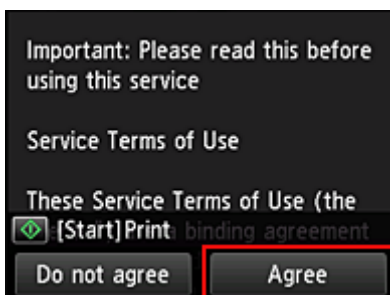


4. On the confirmation screen, select **Next**

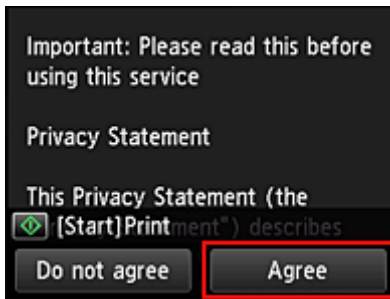


5. In the **License agreement** and **Privacy statement** windows, read the statements, and then select **Agree** if you agree

<License agreement>



<Privacy statement>

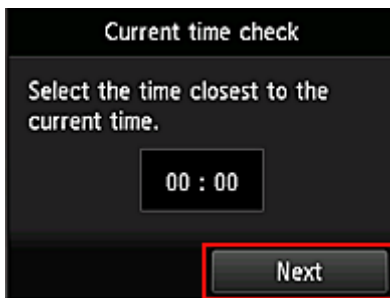


▶▶▶ Note

- If you select **Do not agree**, a confirmation screen asking whether you want to cancel **Register My account** appears. If you select **Yes**, then **Register My account** is canceled, and you return to the Home screen.
Even if you select **Do not agree**, you can still use this service by selecting **Agree** from the registration screen later.
- You can print the displayed information by pressing the **Start** button.

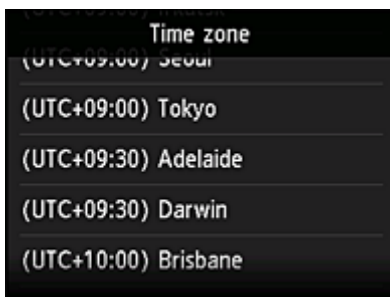
6. On the **Current time check** screen, select the time closest to the current time, and then select **Next**

You can set the time in 10-minute units.



7. In the time zones list, select the region closest to you

For some regions, a screen for applying the daylight saving time setting may appear.



The registration of printer information is completed, and a list of apps is displayed.

See [here](#) for the description of the apps list screen.

After you complete the registration, you can [print photos and documents](#) that have been uploaded to apps on the linked cloud service and [add/delete/sort apps](#).

■ [Using PIXMA/MAXIFY Cloud Link](#)

Application Management


This section explains how to [add](#), [delete](#), and [sort](#) apps.

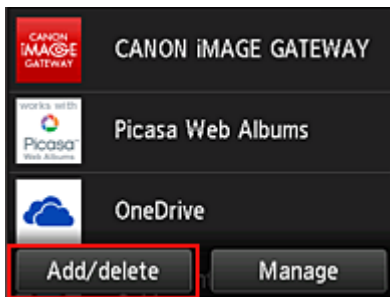
»» Important

- **Select how to manage** allows you to change which users can use this service.
For details, see "[Canon Inkjet Cloud Printing Center window](#)".

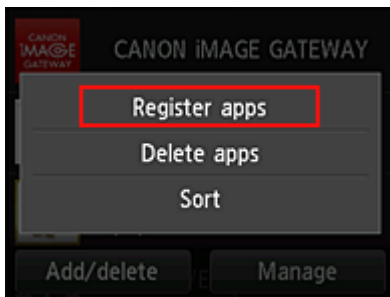
Add apps

You can add your favorite apps to the printer.
Follow the steps described below to add apps.

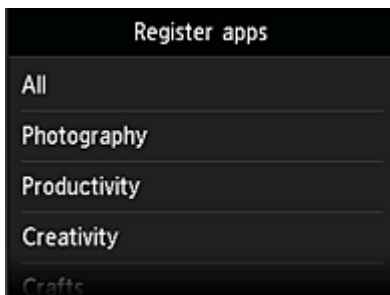
1. From the printer home screen, select  **Cloud**
2. On the cloud's Main screen, select **Add/delete**



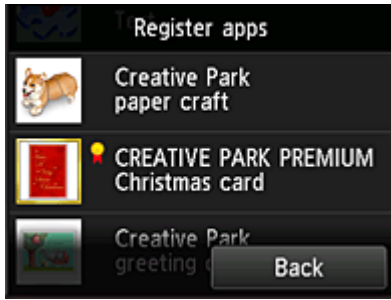
3. Select **Register apps**




4. From the list, select the category of the app



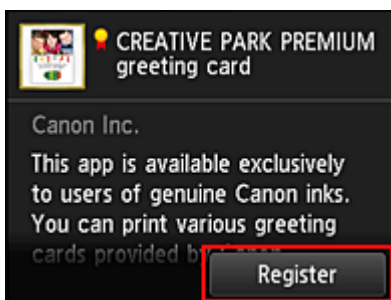
5. From the displayed apps list, select the app that you want to register



▶▶▶ Note

- Description of displayed icons
 : Can be used with genuine Canon ink.

6. Select **Register**



The registration is completed and the app is added to the apps list.

To register another app, repeat the procedure from step 5.

To end the app registration, select **Back** and return to the cloud's Main screen.


▶▶▶ Important

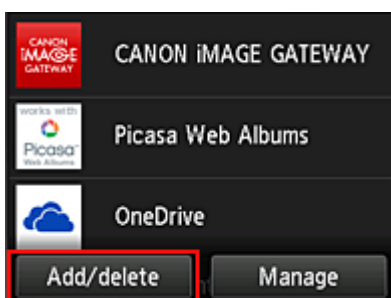
- Some apps may require a linked app account before you can use the app. If this is the case, set up an account beforehand.

Delete apps

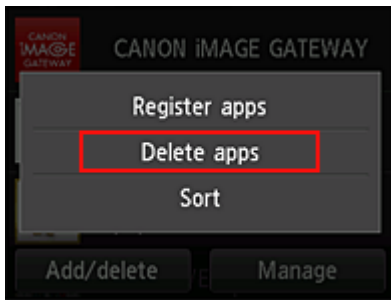
You can delete unnecessary apps from the apps list.

Follow the steps described below to delete apps.

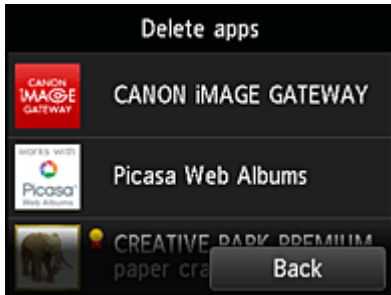
1. From the printer home screen, select  **Cloud**
2. On the cloud's Main screen, select **Add/delete**





3. Select **Delete apps**



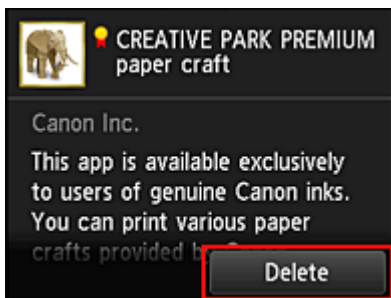
4. From the apps list, select the app that you want to delete



➤➤➤ Note

- Description of displayed icons
 -  : Cannot be used because it is not yet released or does not support your region, model, or language.
 -  : Can be used with genuine Canon ink.

5. Select **Delete**



When the deletion is finished, the app will be deleted from the apps list on the main screen.

To delete another app, repeat the procedure from step 4.

To end the app deletion, select **Back** and return to the cloud's Main screen.


➤➤➤ Note

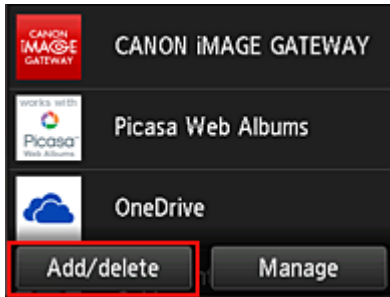
- **Config** allows you to re-register deleted apps.

Sort apps

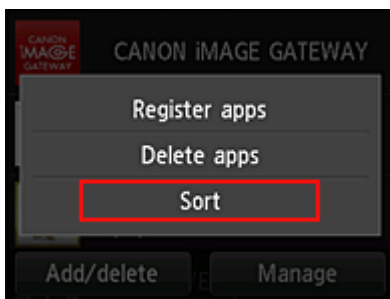
You can sort apps displayed on the apps list.

Follow the steps described below to sort apps.

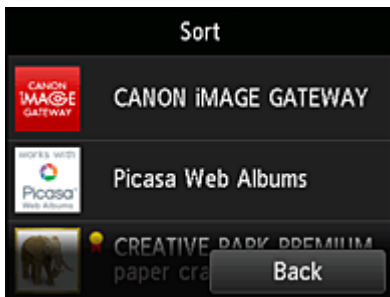
1. From the printer home screen, select  **Cloud**
2. On the cloud's Main screen, select **Add/delete**





3. Select **Sort**



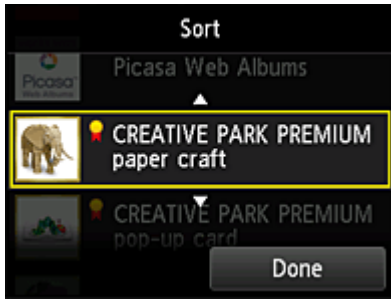
4. On the apps list, select the app that you want to sort



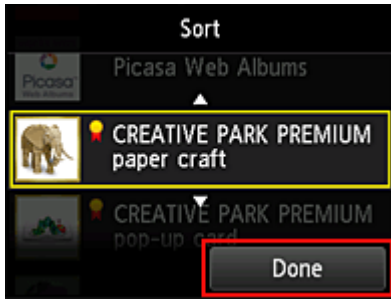
▶▶▶ Note

- Description of displayed icons
 -  : Cannot be used because it is not yet released or does not support your region, model, or language.
 -  : Can be used with genuine Canon ink.

5. Use ▲ / ▼ buttons to move the app



6. Select **Done**



Sorting is complete.

To continue the sorting, repeat the procedure from step 4.

To end the sorting, select **Back** and return to the cloud's Main screen.

Using PIXMA/MAXIFY Cloud Link

This section introduces the photo printing procedure by using CANON iMAGE GATEWAY as an example.

▶▶▶ Important

- The available functions differ depending on the app.
- The printing procedure differs depending on the app.
- You need to get the account and register photo and other data beforehand.
- The following file formats can be printed: jpg, jpeg, pdf, docx, doc, xlsx, xls, pptx, ppt, and rtf.
The file formats that can be printed differ depending on the app.
- Before you print, check that printer is on and is connected to the network. Then start.

▶▶▶ Note

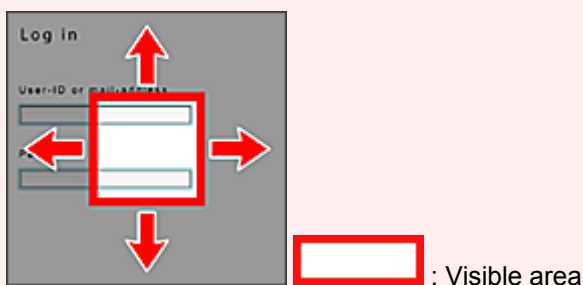
- You can use CANON iMAGE GATEWAY to print jpg and jpeg file formats.

1. On the [Main screen](#), select the app to be used
2. Enter the information according to the instructions on the authentication screen, and then select **Log in**



▶▶▶ Important

- Some apps may not be fully displayed in the display area. If this is the case, scroll up, down, right, and left to change the display area.

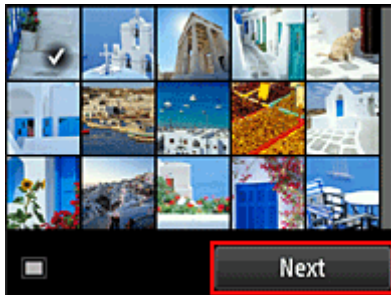


- The Login screen may vary between apps.
- After logging in, you may be asked from an external service to agree to use their app. Agree if you are using the app.

3. In the displayed album list, select the album of your choice

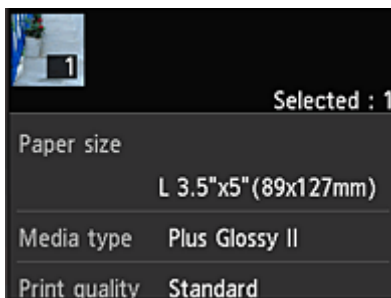


4. In the displayed image list, select the image that you want to print, and then select **Next**



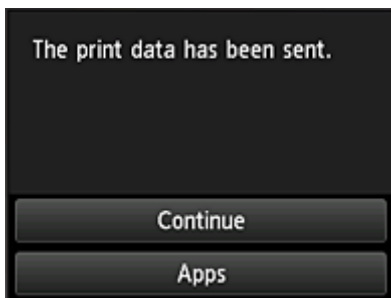
5. Make the necessary print settings, and then select **Color**

A message that indicates the completion of issuing print job appears, and printing starts.



To continue printing, select **Continue**, and perform the operation from Step 3.


To end the printing, select **Apps**. The screen returns to the apps list screen.




»» Important

- If a print job is not printed within 24 hours after the print job is issued, the print job will expire and cannot be printed.
- With premium apps that limit the number of print jobs, print jobs that cannot be printed due to expiration and other reasons are also included in the print count.

»» Note

- To leave a usage history of this service, from the Home window on the operation panel, select 

 **Setup -> Web service setup -> Web service connection setup -> IJ Cloud Printing Center setup -> History setting for this service -> Save.**

■ [Cloud Troubleshooting](#)

Cloud Windows

This section describes the Main screen of **Cloud** and the services available on the Main screen.

▶▶▶ Important

- **Select how to manage** allows you to change which users can use this service.
For details, see "[Canon Inkjet Cloud Printing Center window](#)".



When you select **Cloud** from the printer home screen, the cloud's Main screen appears.

You can use the areas shown below to perform various functions, including adding, starting, and managing apps.

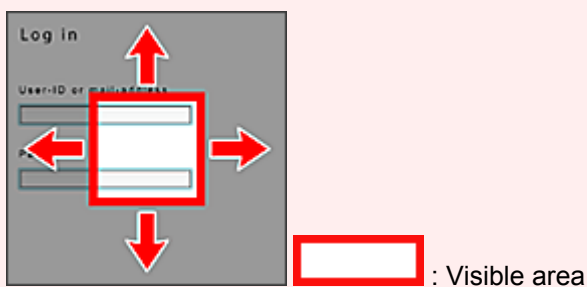
You can also print photos and documents by starting the appropriate app.



- (1) [Applications](#)
- (2) [Add/delete button](#)
- (3) [Manage button](#)

▶▶▶ Important

- Depending on the apps you plan to use, you may need to have an account beforehand. If this is the case, get an account for each of those apps.
- After selecting the app, some apps may not be fully displayed in the display area. If this is the case, scroll up, down, right, and left to change the display area.



- If an app is not yet released or does not support your model, language, or region, you will not be able to start that app.

(1) Applications

Immediately after the cloud's Main screen appears, a list of the registered apps appears.

To start an app, select the app that you want to use on the list.

»» Note

- Description of displayed icons



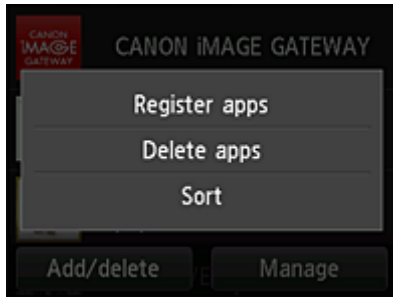
: Cannot be used because it is not yet released or does not support your region, model, or language.



: Can be used with genuine Canon ink.

(2) Add/delete button

Use this button to add, delete, and sort apps.



Register apps

Select this to add your favorite apps.

- [See here for details on how to add apps](#)

Delete apps

Select this to delete registered apps.

- [See here for details on how to delete apps](#)

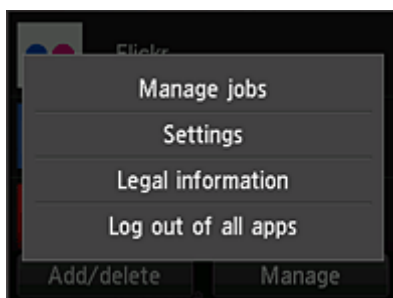
Sort

Select this to sort the apps list.

- [See here for details on how to sort the apps list](#)

(3) Manage button

Use this button to manage jobs, log out of an app, show the license agreement and privacy statement, and set the time zone.



Manage jobs

From the **Status list** window, you can check the status of a job.

Settings

Select this to set the **Time zone**.

Select your region on the list. For some regions, you can set whether or not to apply the daylight saving time setting.

»» Important

- If you cannot find your region on the list, select the one closest to your region.

Legal information

This shows the **License agreement** and **Privacy statement**.

Press the **Start** button to print the displayed information.

Log out of all apps

You can log out at the same time from all apps that you are logged into.

»» Note

- Some apps may keep you logged in even after the app ends. Therefore if you want to log in again with a different account, select **Log out of all apps** to log out first.
- Once you log out, you need to log in again. You may lose the settings with some apps.

Cloud Troubleshooting

If you cannot print

Check the following if you cannot print.

- Check that the printer is connected to the Internet.
- Check that the printer is connected to a LAN and the LAN environment is connected to the Internet.
- Check that no error message is displayed on the printer's LCD monitor.



- If printing does not start even after you wait awhile, go to the printer's home screen, and select **Setup -> Web service inquiry**.

If the problem is not resolved, use the printer driver from your computer to perform the print job and check whether the data can be printed normally on the printer.

If you still cannot print, see the troubleshooting page for your model on the Home of the *Online Manual*.

▶▶ Note

- With a wireless LAN connection, after the printer is turned on, it may take several minutes before communication is possible. Check that your printer is connected to the wireless network, and wait a while before you start printing.
- If the printer is not turned on or is not connected to the Internet, and consequently a print job is not processed within 24 hours after it was submitted, the print job is automatically canceled. If this happens, check the printer power and the Internet connection, and then re-submit the print job.

Using PIXMA/MAXIFY Cloud Link from Your Smartphone, Tablet, or Computer

- ▶ **Before Using Canon Inkjet Cloud Printing Center**
- ▶ **Registering User Information to Canon Inkjet Cloud Printing Center**
- ▶ **Using Canon Inkjet Cloud Printing Center**
- ▶ **Adding a Printer**
- ▶ **Adding a PIXMA/MAXIFY Cloud Link User**
- ▶ **Troubleshooting Canon Inkjet Cloud Printing Center**

Before Using Canon Inkjet Cloud Printing Center

Canon Inkjet Cloud Printing Center is a service that links with the cloud function of the printer and allows you to perform operations such as registering and managing apps from your smartphone or tablet device, and checking the print status, print error, and ink status of the printer. You can also print app photos and documents from your smartphone or tablet.

First, check the following content:

- **Precautions**

If you plan to use the web service to print documents, be sure to check these [precautions](#) beforehand.

- **Printer specification**

Check that Canon Inkjet Cloud Printing Center supports the printer.

Some models do not support this function. To check whether your model supports this function, see "Models that Support Canon Inkjet Cloud Printing Center".

- **Network environment**

The printer must be connected to a LAN and to the Internet.

▶▶▶ Important

- The user will bear the cost of Internet access.

- **Operating requirements**

For computers, smartphones, and tablet devices, see "[Requirements for Canon Inkjet Cloud Printing Center operation](#)".

▶▶▶ Important

- This service may not be available in certain countries or regions. Also even if the service is available, there are apps that cannot be used in certain regions.

■ [Registering User Information to Canon Inkjet Cloud Printing Center](#)

Requirements for Canon Inkjet Cloud Printing Center operation

Computer

CPU	x86 or x64 1.6 GHz or higher
RAM	2 GB or higher
Monitor display	Resolution 1024 x 768 pixels or higher Number of display colors 24 bits (true-color) or higher

OS	Browser
Windows Vista SP1 or later	Internet Explorer 9 Mozilla Firefox Google Chrome
Windows 7	Internet Explorer 9, 10, 11 Mozilla Firefox Google Chrome
Windows 8	Internet Explorer 10, 11 Mozilla Firefox Google Chrome
Windows 8.1	Internet Explorer 11 Mozilla Firefox Google Chrome
Mac OS X v10.6-OS X Mavericks v10.10	Safari 5.1, 6, 7, 8

Smartphone or tablet

OS	Browser	Resolution
iOS 6.1 or later	OS standard browser	320 x 480 (HVGA) or higher
Android 2.3.3 or later		480 x 800 (HVGA) or higher

*Android3.x is not supported.

The operation requirements may change without prior notice. If this happens, you may no longer be able to use this service from your computer, smartphone, or tablet.

»» Important

- On the browser you are using, enable JavaScript and cookies.
- If you use the zoom function or change the font size on your browser, the web pages may not display correctly.
- If you use the translation function of Google Chrome, the web pages may not display correctly.
- The service does not support the use of its provided services through a proxy server outside of your country.
- In an in-house network environment, the 5222 port must be released. For confirmation instructions, contact the network administrator.

Registering User Information to Canon Inkjet Cloud Printing Center

To use the Canon Inkjet Cloud Printing Center, you need to follow the steps described below and register **My account** information.


- [If your model has color LCD monitor](#)
- [If your model has monochrome LCD monitor](#)
- [If your model has no LCD monitor](#)

Registering User Information to Canon Inkjet Cloud Printing Center (Color LCD Monitor)

To use the Canon Inkjet Cloud Printing Center, you need to follow the steps described below and register **My account** information.

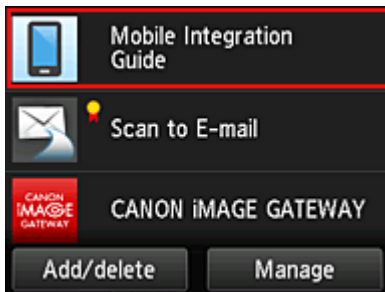
Registering from Printer

1. Check that the printer is connected to the Internet

2. From the printer home screen, select  **Cloud**

If printer information has not been registered to the cloud service server, the [Registration Preparation Completion Screen](#) appears.

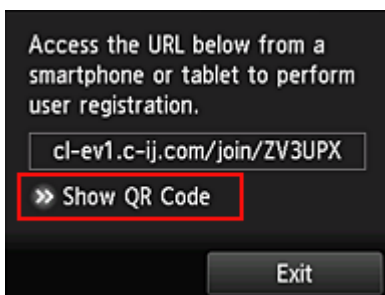
3. From cloud main screen, select **Use from Smartphone** or **Mobile Integration Guide**



4. Follow instructions appearing in screen, and select **Next**

5. In user registration screen, select **Show QR Code**

You can also access the URL manually from you smartphone, tablet, or computer.



6. Read displayed QR code by using your smartphone or tablet

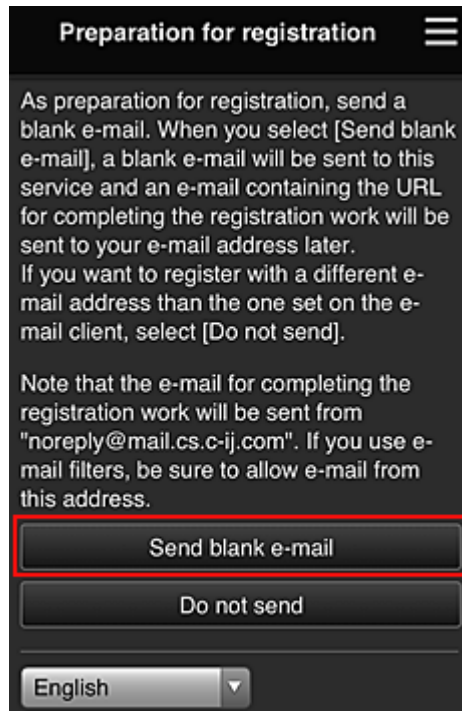


To return to the cloud main screen, select **Exit**.

➤➤➤ Note

- You must have a special app to read QR codes from your smartphone or tablet. If you do not have an app that reads QR codes on your smartphone or tablet, install one from App Store or Google Play.

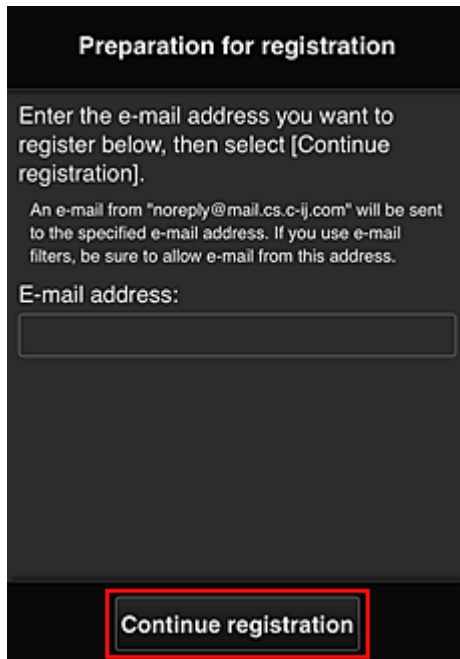
7. In **Preparation for registration** screen, select **Send blank e-mail**



➤➤➤ Note

- When you select **Send blank e-mail**, the "destination entry completed" mailer starts up automatically.
After the blank e-mail is created, send that e-mail without making any changes.

If you want to register a different e-mail address, select **Do not send** to display the **E-mail address** entry screen.



In the displayed screen, enter the **E-mail address** that you want to register, and then select **Continue registration**.

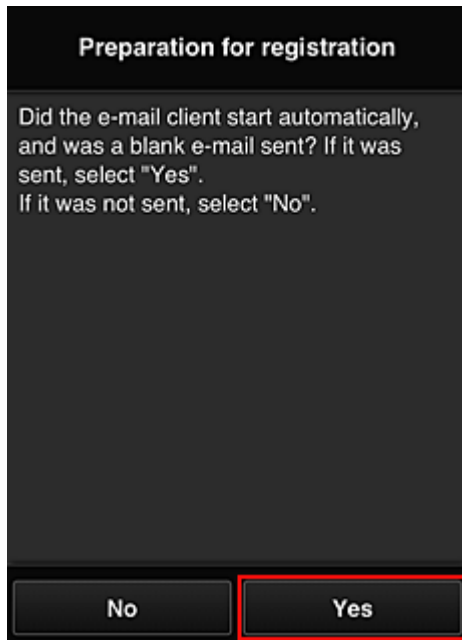
▶▶▶ Note

- If you enter an e-mail address that has already been registered, you will receive an "already registered" e-mail. Follow the instructions in the e-mail, and register a different e-mail address.

▶▶▶ Important

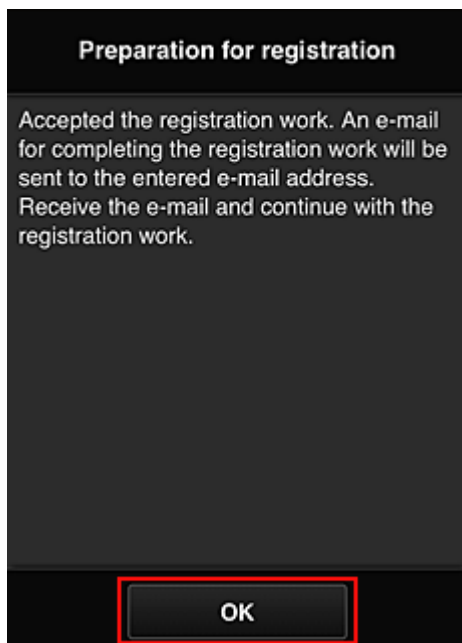
- There are character restrictions for the e-mail address, as shown below.
 - Up to 255 characters consisting of single-byte alphanumeric characters and symbols (!\$*/^_{}|~.-@). (Uppercase and lowercase letters are differentiated.)
 - Multibyte characters cannot be used.
You will get an error if the e-mail address you enter contains a character that cannot be used.
- If you registered a different e-mail address by mistake, you can cancel the registration by going to the printer's Home screen and selecting **Setup -> Web service setup -> Web service connection setup -> IJ Cloud Printing Center setup -> Delete from this service**.
- You may not be able to receive the notification if you are using a spam filter. If you have a setting to receive only the e-mails from certain domains, be sure to change the setting to allow receiving e-mails from "noreply@mail.cs.c-ij.com".
There will be no error display even if you could not receive the e-mail because of the spam filter setting or if you entered an incorrect e-mail address.

8. Check that you received blank e-mail, and then select **Yes**



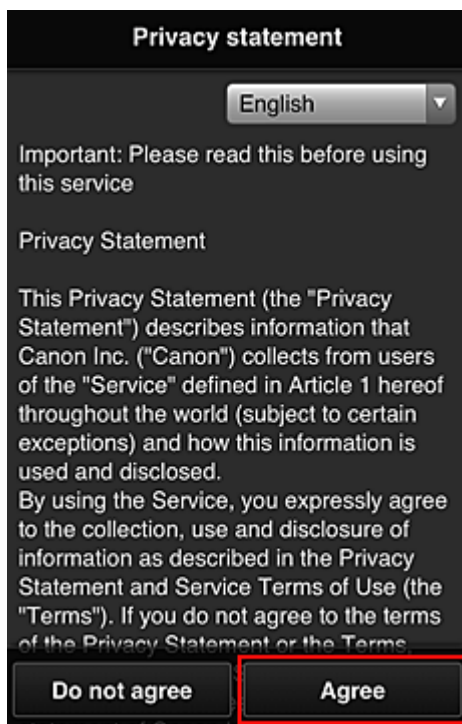
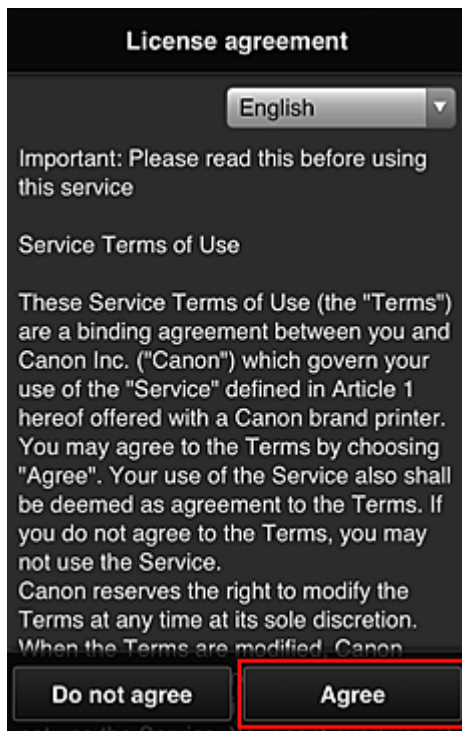
9. Follow instructions in screen display, and select **OK**

The registration page URL will be sent to the registered e-mail address.



Access the URL in the e-mail, Register the Information, and Complete the User Registration

1. Check that e-mail containing URL has been sent to registered e-mail address, and access URL
2. In the **License agreement** and **Privacy statement** windows of Canon Inkjet Cloud Printing Center, read the statements, and select **Agree** if you agree



3. Register password for logging in to Canon Inkjet Cloud Printing Center

In the My account registration screen, enter the password you want to register into **Password** and **Password (Confirmation)**, and then select **Next**.

Register My account

Set a password for logging into this service.

Password:

Password (Confirmation):

8 to 32 characters

Cancel Next

»» Important

- There are character restrictions for the **Password**, as shown below.
- The password must be between 8 and 32 characters long, using single-byte alphanumeric characters and symbols (!"#\$%&'()*+,-./:;<=>@[¥]^_`{|}~). (Alphabets are case-sensitive)

4. Enter **Nickname**

Enter any user name you want to use.

Register My account

Nickname:

1 to 20 characters

Time zone:

(UTC) Coordinated Universal Time ▼

Back Done

»» Important

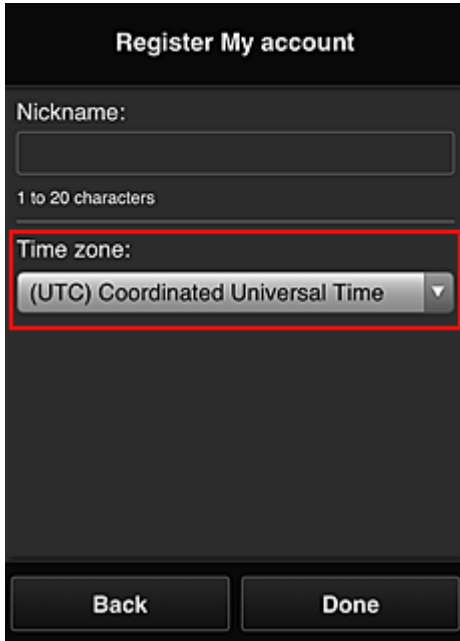
- The user name entry field has the following character restrictions:
 - The user name must be between 1 and 20 characters long, using single-byte alphanumeric characters and symbols (!"#\$%&'()*+,-./:;<=>@[¥]^_`{|}~). (Alphabets are case-sensitive)

5. Specify the **Time zone** setting, and select **Done**

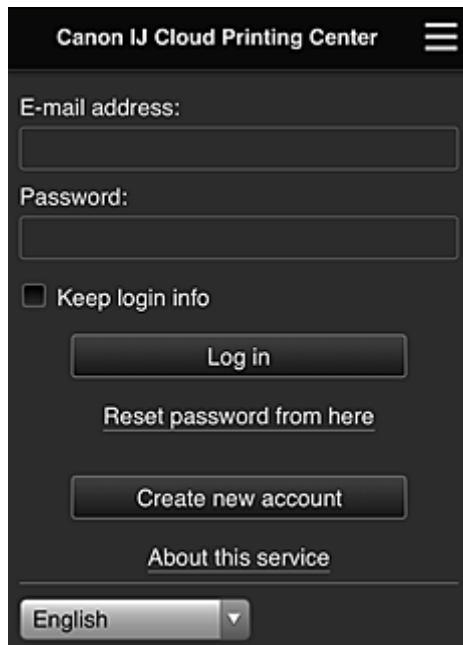
Select your region on the list. If you cannot find your region on the list, select the one closest to your region.

Apply daylight saving time

This appears only when there is a daylight saving time in the **Time zone** that you selected. Select whether or not to apply the daylight saving time.



The registration is complete. A registration completion message is displayed. When you select the **OK** button in the message, the login screen is displayed.



Enter the registered **E-mail address** and **Password**, and [Log in](#) to the Canon Inkjet Cloud Printing Center.

■ [Using Canon Inkjet Cloud Printing Center](#)

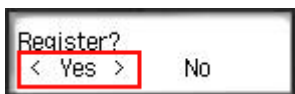
Registering User Information to Canon Inkjet Cloud Printing Center (Monochrome LCD Monitor)

To use the Canon Inkjet Cloud Printing Center, you need to follow the steps described below and register **My account** information.

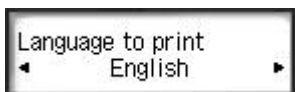
Print registration information from the printer

1. On the printer operation panel, select the  **Setup** button, and then select **Web service setup** -> **Connection setup** -> **IJCloudPrintingCtr** -> **Register w/ service**

2. In the registration confirmation window, Select **Yes**



3. In the print settings, select the display language



4. Follow the instructions displayed in the window, and print the URL of the authentication site and the **Printer registration ID**

Set A4 size or Letter size or Legal size plain paper and select **OK**.

The authentication URL and **Printer registration ID** are printed.

▶▶▶ Important

- The operation to complete the registration should be done within 60 minutes.

Access the URL on the printed page, and then enter the e-mail address and other necessary information

▶▶▶ Important

- Do not use the Back button of the web browser while an operation is processing. The screen may not transition properly.

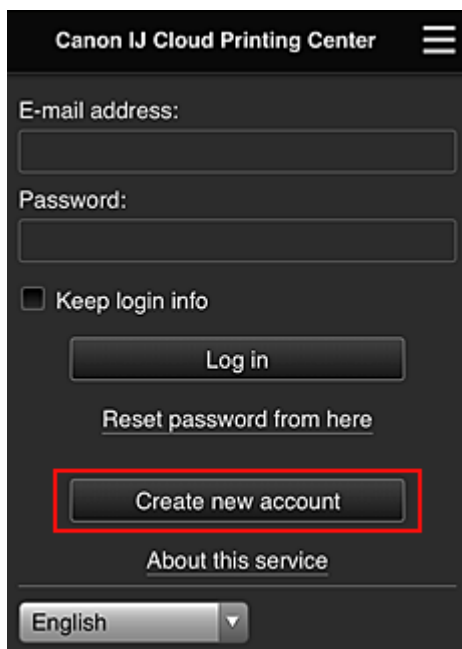
▶▶▶ Note

- If you enter an e-mail address that has already been registered, you will receive an "already registered" e-mail. Follow the instructions in the e-mail, and register a different e-mail address.

1. Use the web browser on your PC, smartphone, tablet, or other devices to access the authentication URL

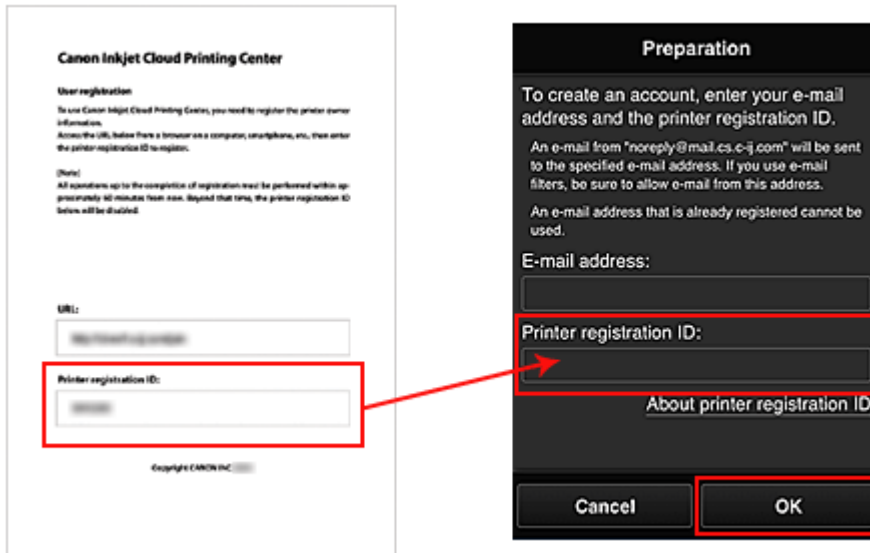


2. When the printer registration screen is displayed, select **Create new account**



3. Enter the **E-mail address** and **Printer registration ID** of the printer's owner, and then select **OK**

The registration page URL is sent to the e-mail address entered.

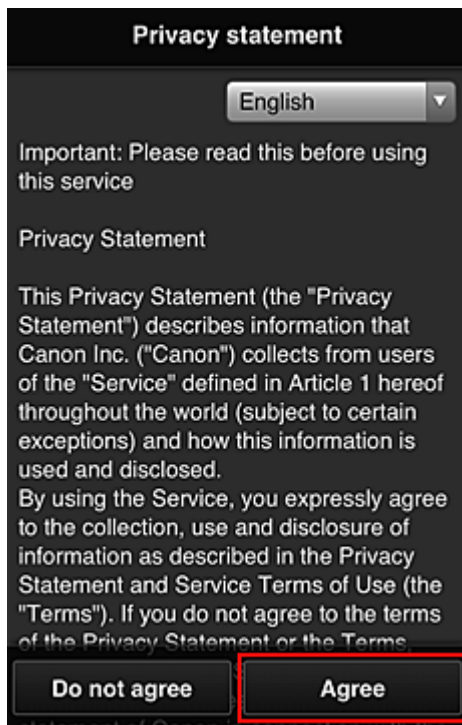
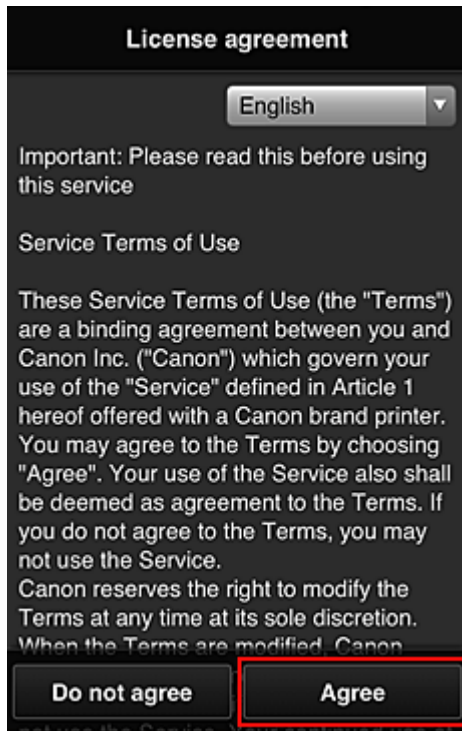


Important

- There are character restrictions for the e-mail address, as shown below.
 - Up to 255 characters consisting of single-byte alphanumeric characters and symbols (!\$*/^_{}|~.-@). (Uppercase and lowercase letters are differentiated.)
 - Multibyte characters cannot be used.
You will get an error if the e-mail address you enter contains a character that cannot be used.
- If you registered a different e-mail address by mistake, you can cancel the registration by selecting the **Setup** button on the printer operation panel, and then selecting **Web service setup** -> **Connection setup** -> **IJCloudPrintingCtr** -> **Delete from service**.
- You may not be able to receive the notification if you are using a spam filter. If you have a setting to receive only the e-mails from certain domains, be sure to change the setting to allow receiving e-mails from "noreply@mail.cs.c-ij.com".
There will be no error display even if you could not receive the e-mail because of the spam filter setting or if you entered an incorrect e-mail address.

Access the URL in the e-mail, Register the Information, and Complete the User Registration

1. Check that e-mail containing URL has been sent to entered e-mail address, and access URL
2. In the **License agreement** and **Privacy statement** windows of Canon Inkjet Cloud Printing Center, read the statements, and select **Agree** if you agree



3. Register password for logging in to Canon Inkjet Cloud Printing Center

In the My account registration screen, enter the password you want to register into **Password** and **Password (Confirmation)**, and then select **Next**.

Register My account

Set a password for logging into this service.

Password:

Password (Confirmation):

8 to 32 characters

Cancel Next

»» Important

- There are character restrictions for the **Password**, as shown below.
- The password must be between 8 and 32 characters long, using single-byte alphanumeric characters and symbols (!"#\$\$%&'()*+,-./:;<=>@[¥]^_`{|}~). (Alphabets are case-sensitive)

4. Enter **Nickname**

Enter any user name you want to use.

Register My account

Nickname:

1 to 20 characters

Time zone:

(UTC) Coordinated Universal Time ▼

Back Done

»» Important

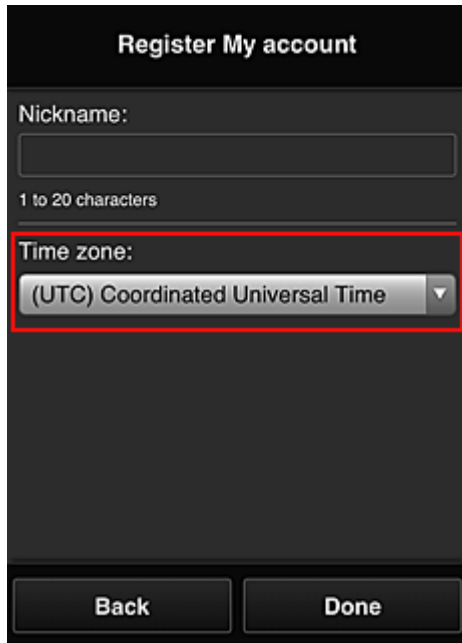
- The user name entry field has the following character restrictions:
 - The user name must be between 1 and 20 characters long, using single-byte alphanumeric characters and symbols (!"#\$\$%&'()*+,-./:;<=>@[¥]^_`{|}~). (Alphabets are case-sensitive)

5. Specify the **Time zone** setting, and select **Done**

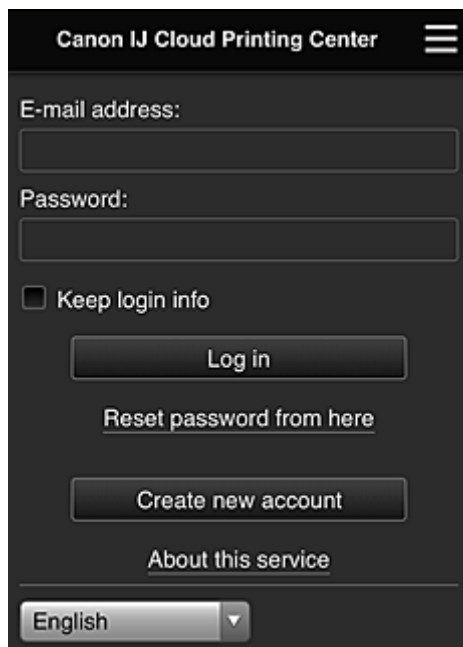
Select your region on the list. If you cannot find your region on the list, select the one closest to your region.

Apply daylight saving time

This appears only when there is a daylight saving time in the **Time zone** that you selected. Select whether or not to apply the daylight saving time.



The registration is complete. A registration completion message is displayed. When you select the **OK** button in the message, the login screen is displayed.



Enter the registered **E-mail address** and **Password**, and [Log in](#) to the Canon Inkjet Cloud Printing Center.

■ [Using Canon Inkjet Cloud Printing Center](#)

Printing Your Printer Registration ID

▶▶▶ Important

- Some models do not support this function.

To add a printer by using Canon Inkjet Cloud Printing Center, you will need a **Printer registration ID**.



From the operation panel of this printer, print the URL of the authentication site and your **Printer registration ID**. The procedure is as follows:

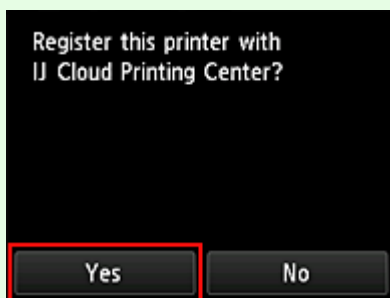
1. Check that the printer is connected to the Internet

▶▶▶ Important

- To use this function, you must connect this printer to the Internet.

If your model has color LCD monitor


2. From the home window, select  **Setup** ->  **Web service setup** -> **Web service connection setup** -> **IJ Cloud Printing Center setup** -> **Register with this service**
3. In the registration confirmation window, Select **Yes**



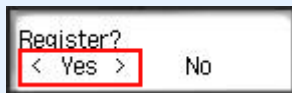
4. In the print settings, select the display language



If your model has monochrome LCD monitor

2. On the printer operation panel, select the  **Setup** button, and then select **Web service setup** -> **Connection setup** -> **IJCloudPrintingCtr** -> **Register w/ service**

3. In the registration confirmation window, Select **Yes**



4. In the print settings, select the display language



5. Follow the instructions displayed in the window, and print the URL of the authentication site and your **Printer registration ID**

When you set A4 size or Letter size or Legal size plain paper and select **OK**, the authentication site URL and your **Printer registration ID** are printed.

»» Important

- The operation to complete the registration should be done within 60 minutes.

Registering User Information to Canon Inkjet Cloud Printing Center (No LCD Monitor)

To use the Canon Inkjet Cloud Printing Center, you need to follow the steps described below and register **My account** information.

Registering from Your Smartphone, Tablet, or Computer

1. Check that the printer is connected to the Internet

▶▶▶ Important

- To use this function, you must connect this printer to the Internet.

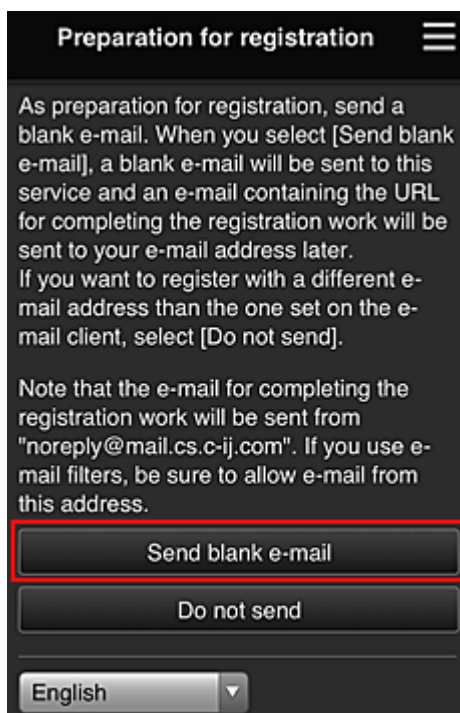
2. Displaying Printer Information

For details, go to the *Online Manual* home page, and see "Checking Printer Information" for your model.

3. Select **IJ Cloud Printing Center setup -> Register with this service**

4. Follow the instructions displayed in the window, and run the authentication

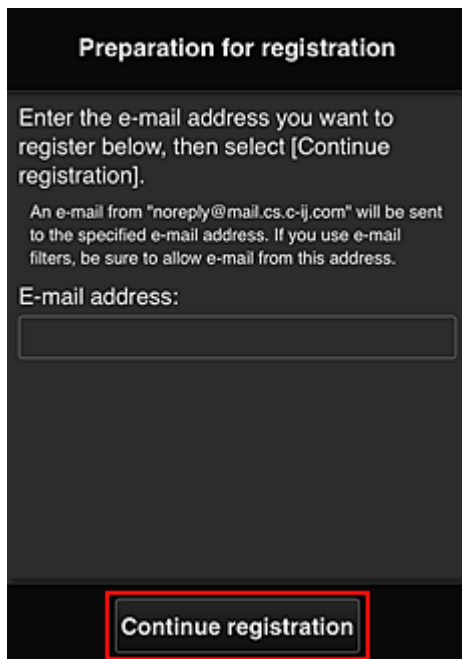
5. When the **Preparation for registration** screen appears, select **Send blank e-mail**



▶▶▶ Note

- When you select **Send blank e-mail**, the "destination entry completed" mailer starts up automatically.
After the blank e-mail is created, send that e-mail without making any changes.

If you want to register a different e-mail address, select **Do not send** to display the **E-mail address** entry screen.



In the displayed screen, enter the **E-mail address** that you want to register, and then select **Continue registration**.

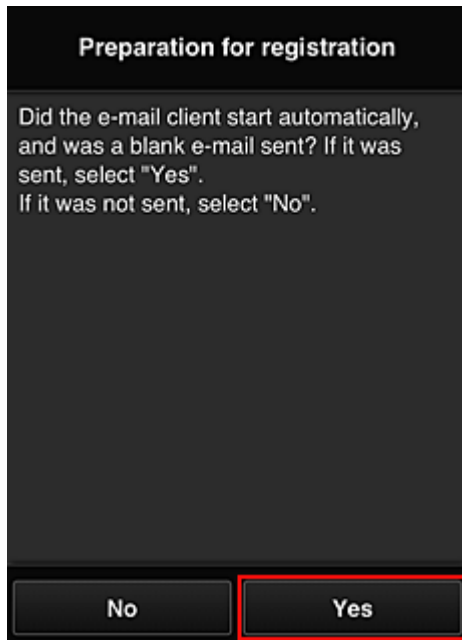
▶▶▶ Note

- If you enter an e-mail address that has already been registered, you will receive an "already registered" e-mail. Follow the instructions in the e-mail, and register a different e-mail address.

▶▶▶ Important

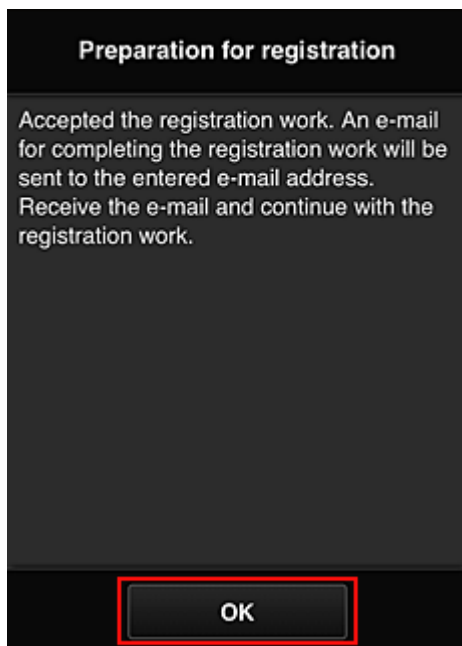
- There are character restrictions for the e-mail address, as shown below.
 - Up to 255 characters consisting of single-byte alphanumeric characters and symbols (!\$*/^_{}|~.-@). (Uppercase and lowercase letters are differentiated.)
 - Multibyte characters cannot be used.
You will get an error if the e-mail address you enter contains a character that cannot be used.
- If you registered a different e-mail address by mistake, you can cancel the registration by Displaying Printer Information and selecting **IJ Cloud Printing Center setup -> Delete from this service**.
To display printer information, go to the *Online Manual* home page, and see "Checking Printer Information" for your model.
- You may not be able to receive the notification if you are using a spam filter. If you have a setting to receive only the e-mails from certain domains, be sure to change the setting to allow receiving e-mails from "noreply@mail.cs.c-ij.com".
There will be no error display even if you could not receive the e-mail because of the spam filter setting or if you entered an incorrect e-mail address.

6. Check that you received blank e-mail, and then select **Yes**



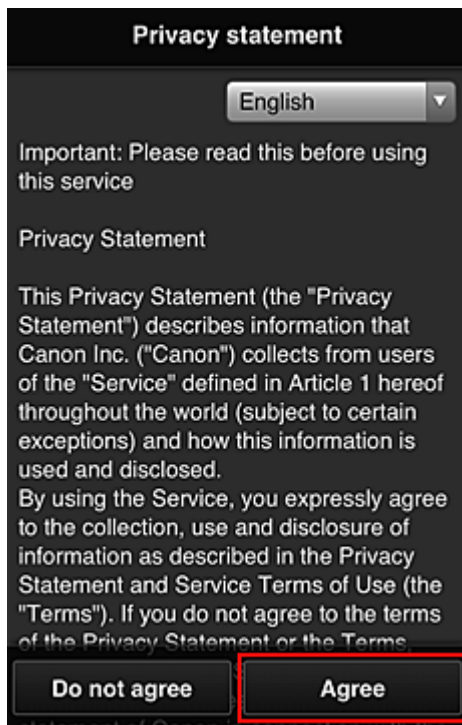
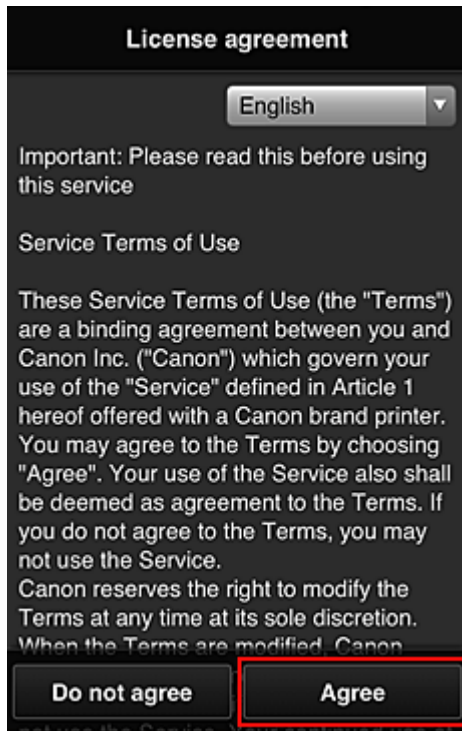
7. Follow instructions in screen display, and select **OK**

The registration page URL will be sent to the registered e-mail address.



Access the URL in the e-mail, Register the Information, and Complete the User Registration

1. Check that e-mail containing URL has been sent to registered e-mail address, and access URL
2. In the **License agreement** and **Privacy statement** windows of Canon Inkjet Cloud Printing Center, read the statements, and select **Agree** if you agree



3. Register password for logging in to Canon Inkjet Cloud Printing Center

In the My account registration screen, enter the password you want to register into **Password** and **Password (Confirmation)**, and then select **Next**.

Register My account

Set a password for logging into this service.

Password:

Password (Confirmation):

8 to 32 characters

Cancel Next

»» Important

- There are character restrictions for the **Password**, as shown below.
- The password must be between 8 and 32 characters long, using single-byte alphanumeric characters and symbols (!"#\$\$%&'()*+,-./:;<=>@[¥]^_`{|}~). (Alphabets are case-sensitive)

4. Enter **Nickname**

Enter any user name you want to use.

Register My account

Nickname:

1 to 20 characters

Time zone:

(UTC) Coordinated Universal Time ▼

Back Done

»» Important

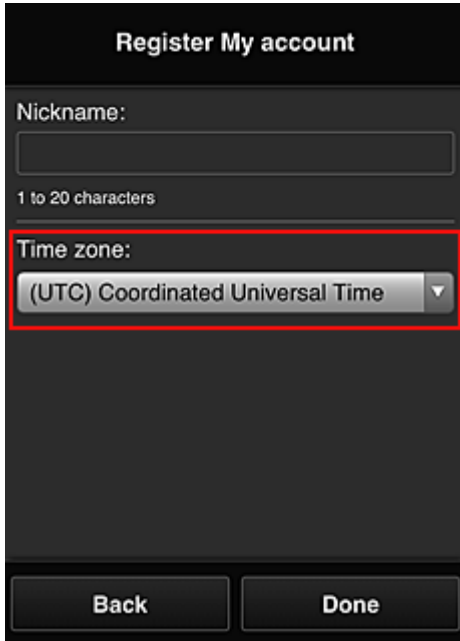
- The user name entry field has the following character restrictions:
 - The user name must be between 1 and 20 characters long, using single-byte alphanumeric characters and symbols (!"#\$\$%&'()*+,-./:;<=>@[¥]^_`{|}~). (Alphabets are case-sensitive)

5. Specify the **Time zone** setting, and select **Done**

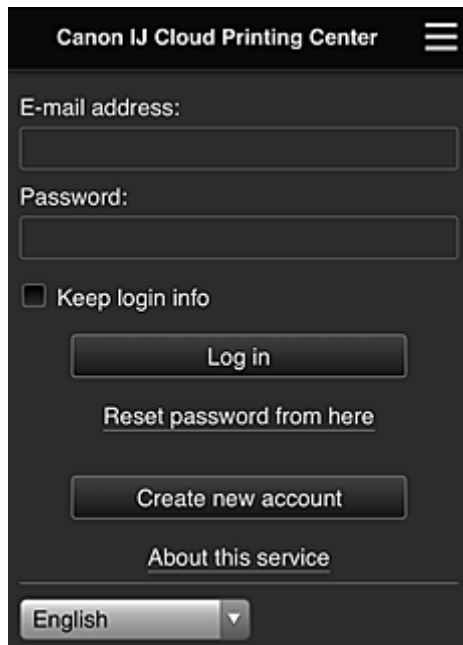
Select your region on the list. If you cannot find your region on the list, select the one closest to your region.

Apply daylight saving time

This appears only when there is a daylight saving time in the **Time zone** that you selected. Select whether or not to apply the daylight saving time.



The registration is complete. A registration completion message is displayed. When you select the **OK** button in the message, the login screen is displayed.



Enter the registered **E-mail address** and **Password**, and [Log in](#) to the Canon Inkjet Cloud Printing Center.

■ [Using Canon Inkjet Cloud Printing Center](#)

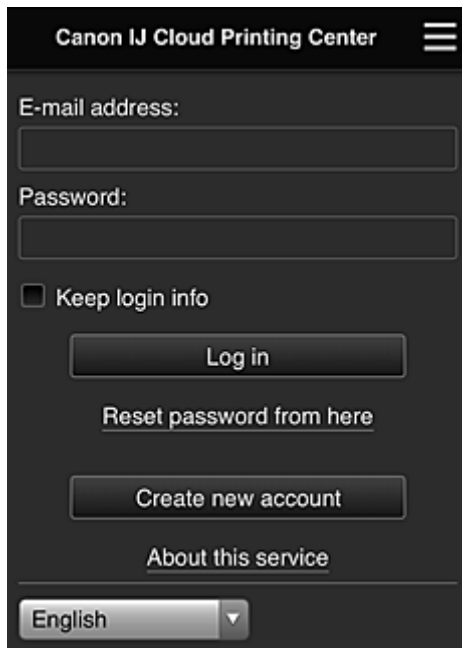
Using Canon Inkjet Cloud Printing Center

When the user registration is completed, you can log in to the Canon Inkjet Cloud Printing Center and use the service.

1. From your PC, smartphone, or tablet, access the service login URL (<http://cs.c-ij.com/>)
2. On the Login screen, enter the **E-mail address** and **Password**, and then select **Log in**

▶▶▶ Important

- The e-mail address and password are case-sensitive. Make sure the case is correct.



E-mail address

Enter the e-mail address that you entered in the user registration.

Password

Enter the password that you entered in the user registration.

Keep login info

When you select the check box, the login screen is skipped for 14 days since the last day that the service screen was accessed.

▶▶▶ Important

- If you fail to log in five straight times, you will not be able to login again for about the next 60 minutes.
- You remain logged in for 60 minutes after the last access.
- The service may not function properly if you log in by using the same e-mail address from multiple devices at the same time.

After logging in, you can use useful services such as adding/managing apps that work in conjunction with this product's cloud functionality and checking the ink status.

For screen descriptions and operation instructions, see "[Canon Inkjet Cloud Printing Center window](#)".

Printing procedure

This section introduces the photo printing procedure by using CANON IMAGE GATEWAY as an example.

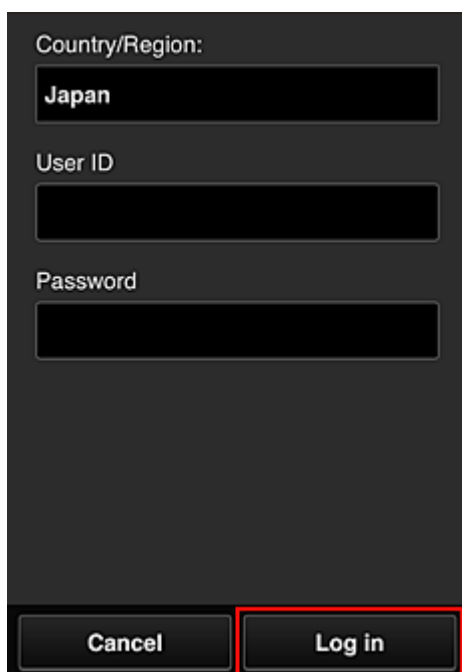
▶▶▶ Important

- The available functions differ depending on the app.
- The printing procedure differs depending on the app.
- You need to get the account and register photo and other data beforehand.
- The following file formats can be printed: jpg, jpeg, pdf, docx, doc, xlsx, xls, pptx, ppt, and rtf.
The file formats that can be printed differ depending on the app.
- Before you print, check that printer is on and is connected to the network. Then start.
- This is available if you are using a smartphone or tablet.

▶▶▶ Note

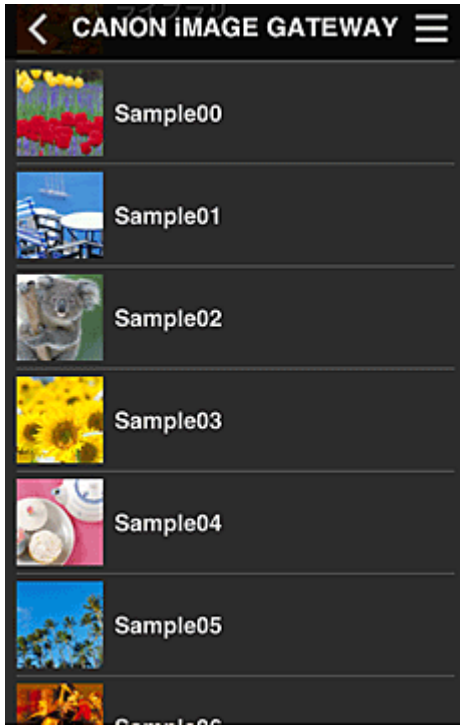
- You can use CANON IMAGE GATEWAY to print jpg and jpeg file formats.

1. On the Main screen, select the app to be used
2. Enter the information according to the instructions on the authentication screen, and then select **Log in**



The image shows a dark-themed authentication screen. At the top, it says "Country/Region:" followed by a text box containing "Japan". Below that is a "User ID" label and an empty text box. Underneath is a "Password" label and another empty text box. At the bottom, there are two buttons: "Cancel" on the left and "Log in" on the right. The "Log in" button is highlighted with a red rectangular border.

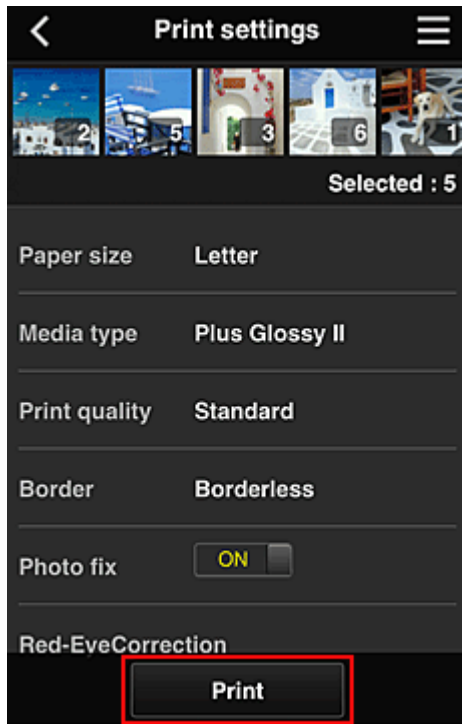
3. In the displayed album list, select the album of your choice



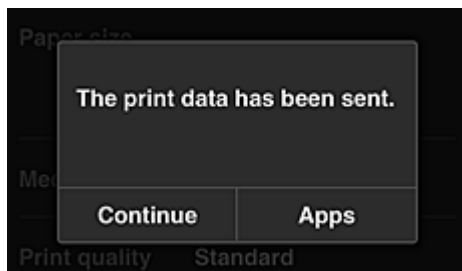
4. In the displayed image list, select the image that you want to print, and then select **Next**



5. Make the necessary print settings, and then select **Print**



6. A print job completion message appears, and printing starts



To continue printing, select **Continue**, and perform the operation from Step 3.
To end the printing, select **Apps**. The screen returns to the apps list screen.

»» Important

- If a print job is not printed within 24 hours after the print job is issued, the print job will expire and cannot be printed.
- With premium apps that limit the number of print jobs, print jobs that expire and cannot be printed are also included in the print count.

■ [Adding a Printer](#)

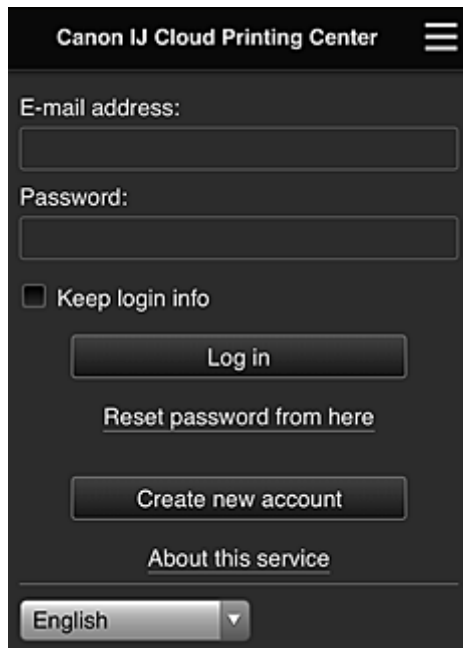
Canon Inkjet Cloud Printing Center window

This section describes the Canon Inkjet Cloud Printing Center screens that are displayed on your smartphone, tablet device, or computer.

- [Description of the Login screen](#)
- [Description of the Main screen](#)

Description of the Login screen

This section provides the description of the Login screen of Canon Inkjet Cloud Printing Center.



►►► Important

- You have 5 tries to enter your password. If you fail, you will not be able to log in for about the next 60 minutes.
- You remain logged in for 60 minutes after the last access.

Language

Select the language you will be using.

E-mail address

Enter the e-mail address that you entered in the user registration.

►►► Important

- The e-mail address is case-sensitive. Make sure the case is correct.

Password

Enter the password that you entered in the user registration.

Keep login info

When you select the check box, the login screen is skipped for 14 days since the last day that the service screen was accessed.

Reset password from here

Select this if you forgot the password.

Reset your password by following the instructions on the screen.

Create new account

A new registration will be added to the Canon Inkjet Cloud Printing Center.

For a new registration, you need the [Printer registration ID](#).

About this service

This displays the descriptions of this service.

System requirements

This displays the system requirements for the Canon Inkjet Cloud Printing Center.

Software license info

The licensing information of Canon Inkjet Cloud Printing Center is displayed.

Description of the Main screen

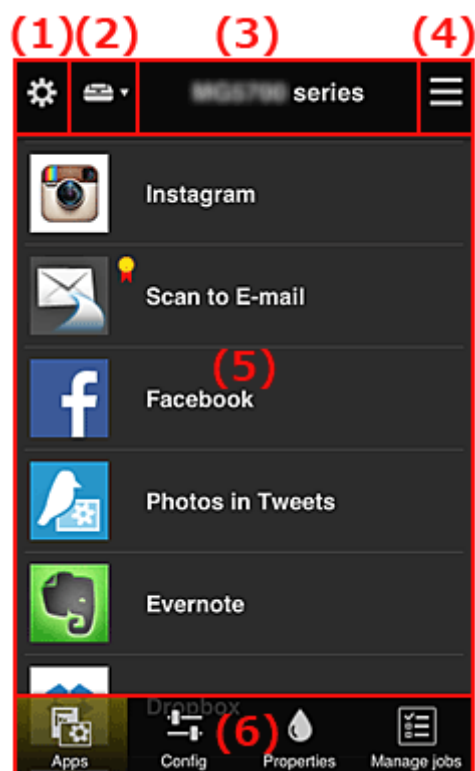
When you log in to the Canon Inkjet Cloud Printing Center, the Main screen appears.

If you are using a smartphone or a tablet, you can also print photos and documents.

▶▶▶ Important


- With this service, the available functions differ depending on whether the user is the [Administrator](#) or [Standard user](#) of the printer, and also on the management method that was set.

You can use areas shown below to start, add, and manage apps.



- (1) [Left context menu \(Administrator only\)](#)
- (2) [Select printer](#)
- (3) [Printer name area](#)
- (4) [Right context menu](#)
- (5) [Display area](#)
- (6) [Menu area](#)

(1) Left context menu (Administrator only)

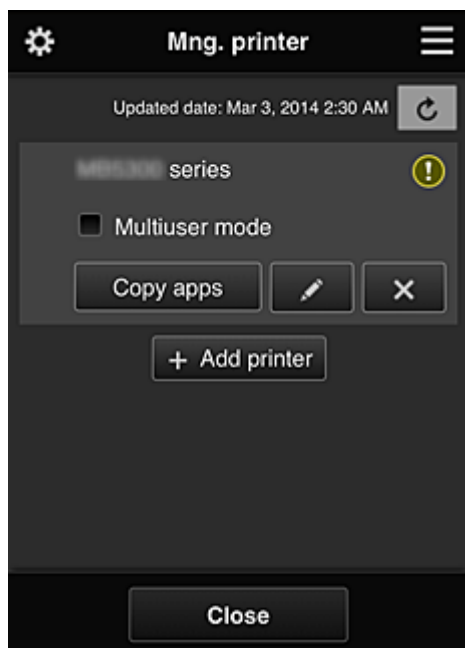
When you select , the left context menu appears.

When you select **Mng. printer**, **Manage users**, **Group management**, or **Advanced management**, the corresponding screen appears.

▶▶▶ Note

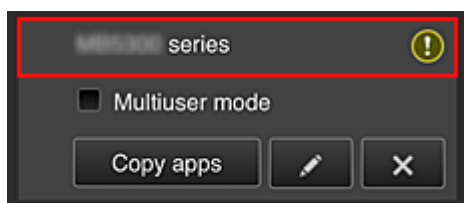
- **Group management** appears only when you use [Select how to manage](#) and set **Manage by group (for office users)**.

Mng. printer screen




From the **Mng. printer** screen, you can [check](#) or [update](#) printer information registered to the Canon Inkjet Cloud Printing Center, [copy apps](#), [change printer names](#), [delete printers](#), and [add printers](#).

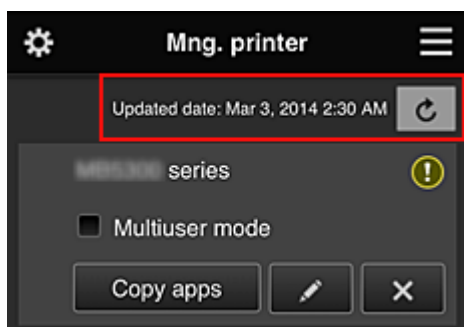
• Check the printer information




The registered printer name is displayed.

 indicates that an error occurred on the printer.

• Display update date/time of the printer information



This displays the date and time the printer information was last updated.

 refreshes the information.


- **Multuser mode (MAXIFY series only)**

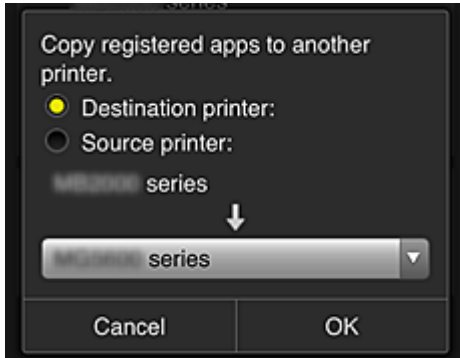
If multiple users will be using the printer, add a check mark to [Multuser mode](#).

The check mark is linked to the **Require security code** screen.

- **Copy apps**

Select this to copy apps added in the selected printer to another printer.

When you select , the screen shown below appears.




Set the **Destination printer** and the **Source printer**. Then select **OK**.

▶▶▶ Note

- If **Select how to manage** has been set, you can use this function only when you select **Manage app availability by printer**.

For details, see "[Tips on Using Canon Inkjet Cloud Printing Center \(at Work\)](#)".

- **Change the printer name**


When you select , a screen to change the printer name appears.

Follow the instructions on the screen to change the name.

▶▶▶ Important

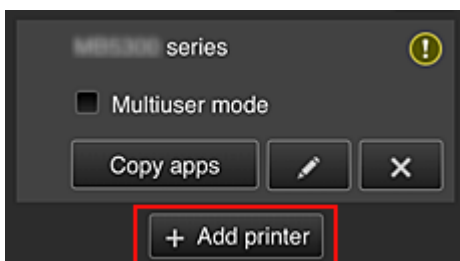
- The printer name entry has the following character limitation:
 - Up to 128 characters (Uppercase and lowercase letters are differentiated.)

- **Delete printers**

When you select , the printer is deleted from the Canon Inkjet Cloud Printing Center.

When transferring the ownership of the printer, select **Clear the information saved on the printer**.

- **Add printers**

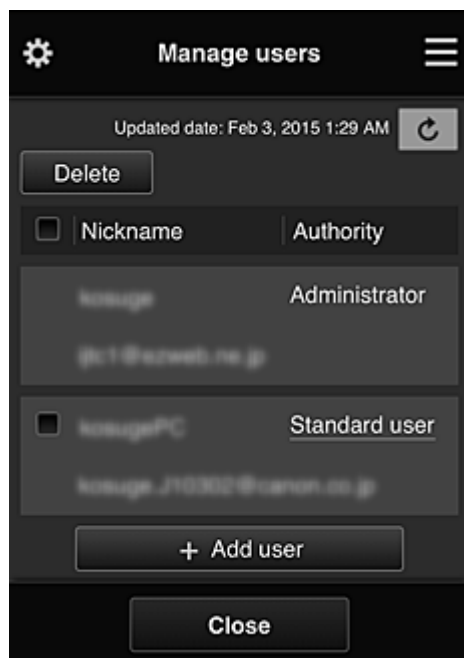


Select this to add printers to be used in the Canon Inkjet Cloud Printing Center.
You need a [Printer registration ID](#) to add a printer.

▶▶▶ Note

- Although the number of printers that can be registered for one domain is not limited, only up to 16 printers are guaranteed to operate.

Manage users screen



From the **Manage users** screen, you can check user information registered to the Canon Inkjet Cloud Printing Center, [delete users](#), [add users](#), and [change the Administrator and Standard user settings](#).

• User deletion

Select the check box of the user to be deleted, and select **Delete**.

However, you cannot delete yourself. To delete yourself, cancel your membership from the [My account](#) screen.

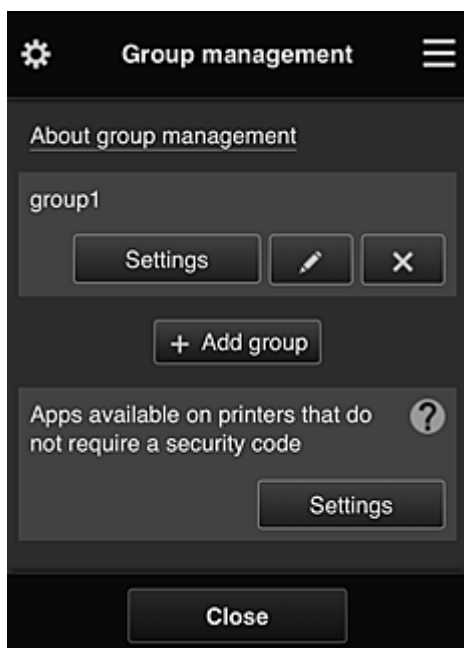
• Adding a user

Select **Add user**. The user registration screen appears.

• Changing Administrator and Standard user settings

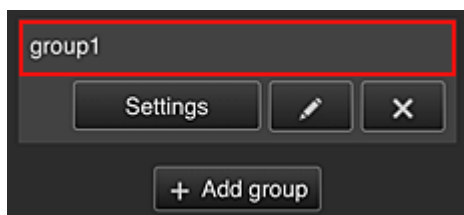
To change the privileges of the **Administrator** or a **Standard user**, select **Authority** for the user whom you want to change the settings for.

Group management screen





From the **Group management** screen, you can use functions for [checking group information](#) registered to Canon Inkjet Cloud Printing Center, [changing groups](#), [deleting groups](#), [adding groups](#), and setting up users, printers, and apps belonging to each group.

- **Checking group information**

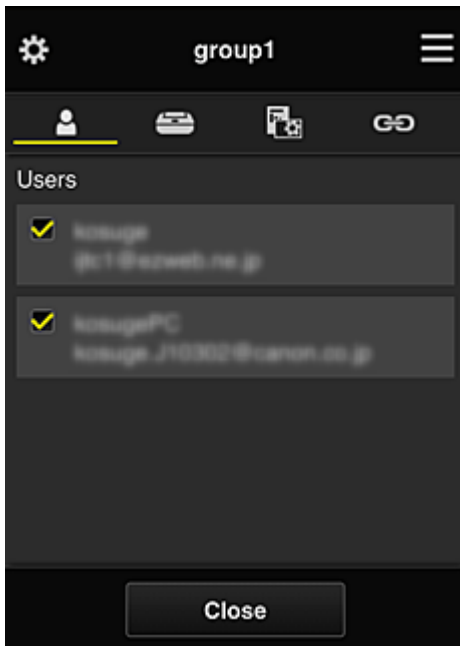


The registered group names appear.

If there are items that have not been set,  appears.

Select  to display the following screen, which allows you to set up information for each group.

The displayed information changes depending on the selected tab.



 **Users**

Displays all users and mail addresses registered in the domain.

 **Printers**

Displays all printers registered in the domain.

 **Apps**

With the default settings, the screen displays all apps. To display only registered apps, select the **Registered** category.


To switch between app registration/deletion, select ON / OFF.

 **Web services**

Displays the external link service.


You can restrict the use of other web services that use Canon Inkjet Cloud Printing Center accounts such as Easy-PhotoPrint+.

To switch between service linking/release, select ON / OFF.

 appears for items that do not have anything selected.

In the default settings, all check marks are cleared for **Printers** and **Users**. Only the system apps under **Apps** are set to **ON**.

• **Changing a Group name**

To display the **Group name** change screen, select .

You can change the name to one of your liking by following the instructions in the displayed screen.

Important

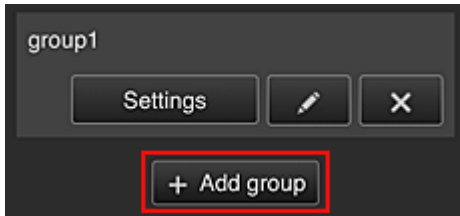
- When you enter a **Group name**, the following restrictions apply:
 - When using single-byte alphanumeric characters, enter at least 1 but not more than 20 characters. When using double-byte characters, enter at least 1 but not more than 10 characters.
 - Duplicate group names cannot be registered in the same domain.

- **Deleting a Group**

To delete a group from Canon Inkjet Cloud Printing Center, select .

If you delete all groups, you must create a new one. To set a different management method, set the target method from the **Select how to manage** screen.

- **Add group**

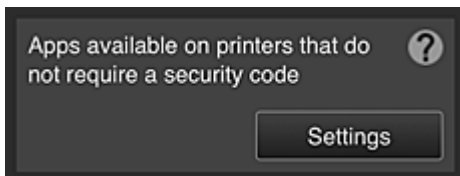


Add a group to be used in Canon Inkjet Cloud Printing Center.

▶▶▶ Note

- You can register up to 20 groups.


- **Apps available on printers that do not require a security code**



For printers without the **Multuser mode** setting or **Security code** settings, set the apps to be

displayed when a user selects  **Cloud** from the printer's home screen.

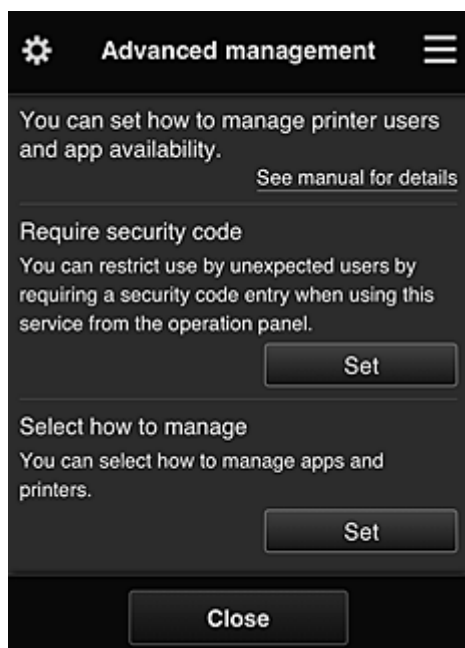
If the domain does not have a printer that meets this condition, this setup screen does not appear.

To go to the setup screen, select .

▶▶▶ Note

- If only the following printer is registered in the domain, it is not displayed.
 - Printer without LCD monitor
 - Printer with monochrome LCD monitor
 - Multuser mode printer

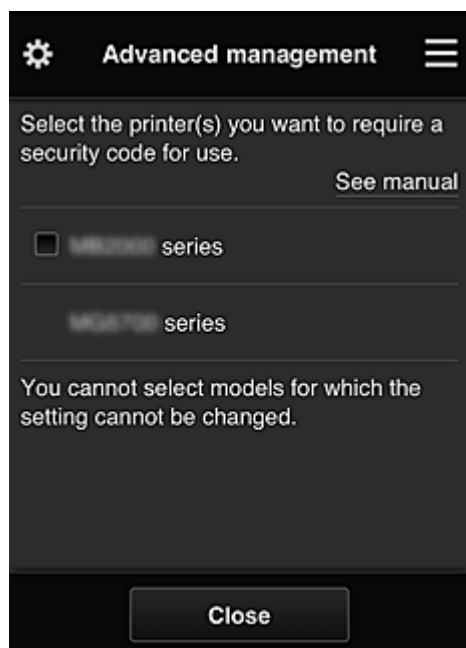
Advanced management screen



The **Advanced management** screen allows you to set the management method for printer users and apps that can be used.

To go to the setup screen, select .

- **Require security code**

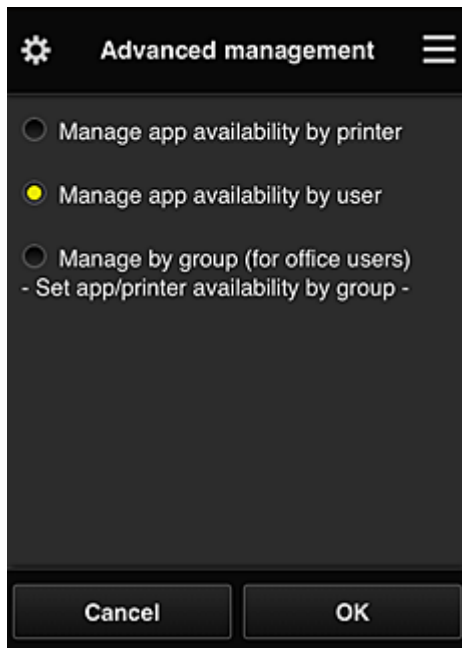


Each user can set a [Security code](#), start the app, and perform printing and other operations. This setting is linked with **Multuser mode** on the **Mng. printer** screen.

▶▶▶ Note

- The list does not display models without an LCD or models with a monochrome LCD.
- The check box does not appear for models that do not support **Multuser mode**.

- **Select how to manage**



You can change the management method for usable apps and printers.

Manage app availability by printer

If you are using multiple printers, you can manage the useable apps for each printer.

Manage app availability by user

When one printer is used, you can manage the usable apps by user.

For usage examples, see "[Tips on Using Canon Inkjet Cloud Printing Center \(at Home\)](#)".

Manage by group (for office users)

You can manage the usable apps and printers by group.

For usage examples, see "[Tips on Using Canon Inkjet Cloud Printing Center \(at Work\)](#)".

▶▶▶ Note

- If you manage the usable apps by printer, the default settings will allow all users to add, delete, and rearrange apps.
Also, if you are using a MAXIFY series printer and you select **Multuser mode** in the [Mng. printer screen](#), only the administrator will be able to add, delete, and rearrange apps.
- If you manage the usable apps by user, all users will be able to add, delete, and rearrange apps, regardless of the **Multuser mode** setting.
- If you manage the usable apps and printers by group, all users will only be able to rearrange apps.

(2) Select printer

Select , and then from the **Select printer** screen, select a printer.

If you are using a computer, you can select a printer directly from the pull-down menu.

▶▶▶ Note


- Printers with settings that restrict their use do not appear.

(3) Printer name area


The registered name of the printer selected is displayed.

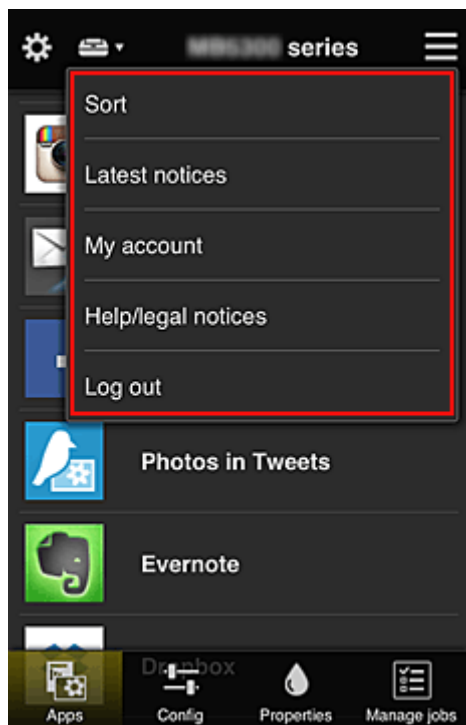
The **Administrator** can [change the printer name](#) from the **Mng. printer** screen of the left context menu.

(4) Right context menu

When you select , the context menu appears.



The information displayed depends on the menu currently selected in the menu area.

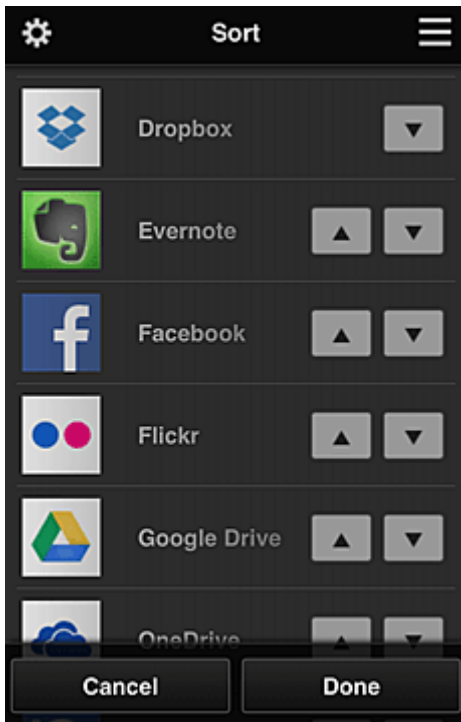
The  symbol indicates that there is a new unread notice.





• **Sort** **Sort**

This displays the screen to sort registered apps.

You can use the   buttons to change the display order of apps. When you finish sorting, select **Done**.



»» Note

- Description of displayed icons
 -  : Cannot be used because it is not yet released or does not support your region, model, or language.
 -  : Can be used with genuine Canon ink.

• Latest notices **Latest notices**

This displays the latest notices. The  symbol indicates that there is a new unread notice.

• My account **My account**

Displays user information.

From the **My account** screen, you can change your account settings.

From the **My account** screen, you can display the **Permitted services** screen and clear any linked service setting.

• Help/legal notices **Help/legal notices**

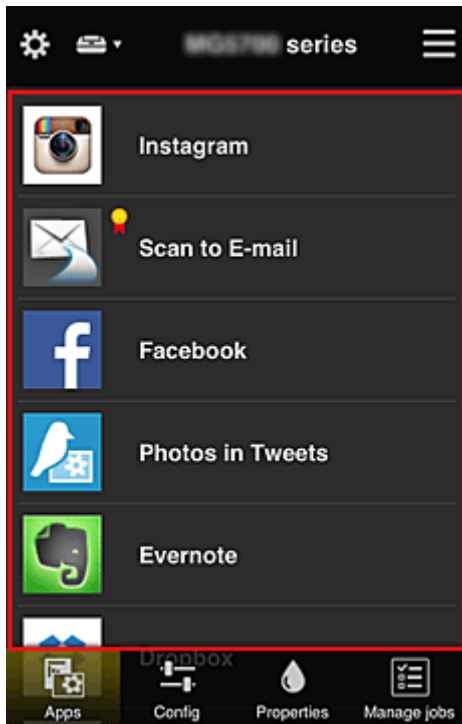
The description of the Canon Inkjet Cloud Printing Center screen and various reminders are displayed.

• Log out **Log out**

This opens the Log out screen of the Canon Inkjet Cloud Printing Center.


(5) Display area

The display changes based on the menu you select.



(6) Menu area

The following 4 menu buttons are displayed:

-  **Apps**

This displays the list of registered apps in the [Display area](#).

-  **Config**

This displays the Register apps screen in the [Display area](#).

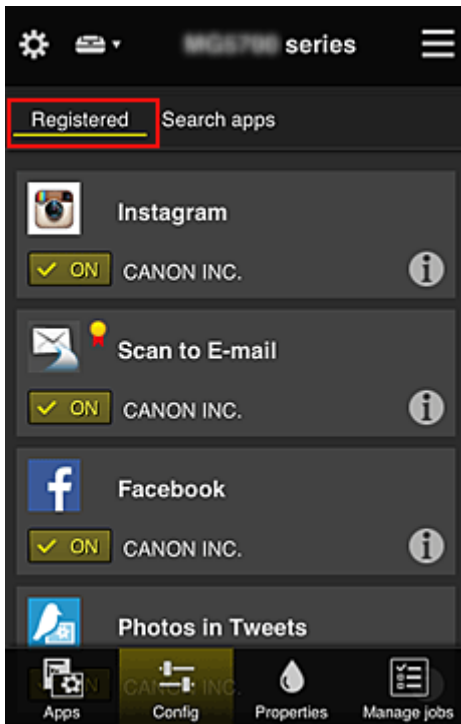
The display can be toggled between **Registered** and **Search apps**.

The **Registered** screen lists registered apps.

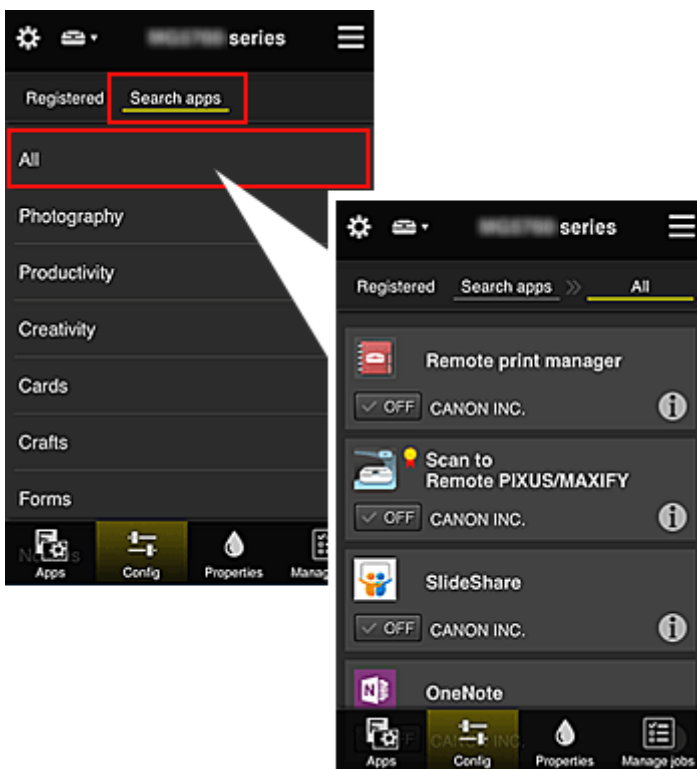
You can check the information of these apps or deregister them.




▶▶▶ Note

- If **Group management** has been set, **Config** is not displayed.
- If **Manage app availability by user** has been set, even **Standard user** can register and delete apps.





On the **Search apps** screen, the apps that you can register by using the Canon Inkjet Cloud Printing Center are displayed by category.



- When you select , the details of the app are displayed.
- When you select  / , you can choose to register or unregister the app.

➤➤➤ Note

- Description of displayed icons
 -  : Cannot be used because it is not yet released or does not support your region, model, or language.
 -  : Can be used with genuine Canon ink.



- **Properties**

This screen displays the status of the printer that is currently selected.

You can check how much ink is remaining or details about an error that occurred. You can also access the ink purchasing site and the *Online Manual*.

»» Important

- The Properties displayed may differ from the actual status at the display time, depending on the printer status.



- **Manage jobs**

This screen displays the print or scan status and history.

You can check the print or scan status by looking at **Status list**, and the print or scan history by looking at **History**.

You can also cancel print or scan jobs and delete history information.

To cancel or delete a job, select that job and then select **Cancel** or **Delete**.

Tips on Using Canon Inkjet Cloud Printing Center (at Home)

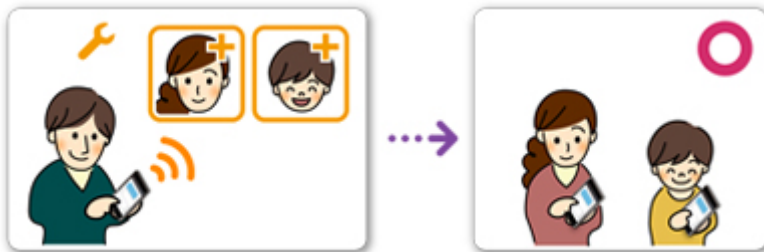
The **Advanced management** function allows you to take advantage of the many useful functions that the service offers for home use.


This section introduces those functions by using a family of 3 (father, mother, and child) as an example.

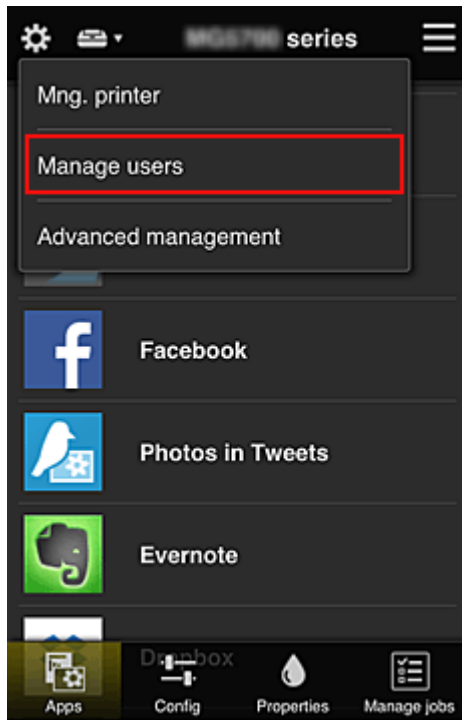


If the father registers the printer to Canon Inkjet Cloud Printing Center, only the father is managed by the service, and the mother and the child cannot use the service unless the father tells them the login **E-mail address** and **Password**.

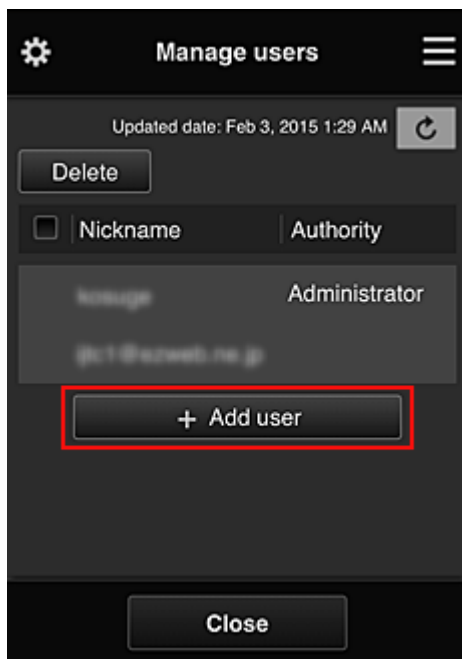
If Mother and Child Want to Use the Service from Their Smartphones



1. The father [registers to Canon Inkjet Cloud Printing Center](#) and becomes the **Administrator**
2. After logging in, the father selects [Manage users](#) from 

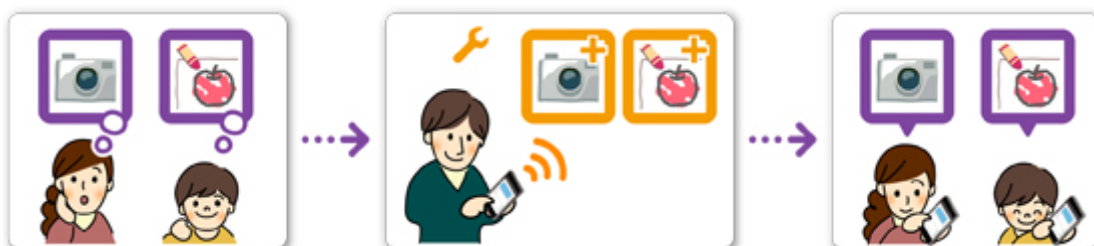


3. The father selects **Add user**, and by following the screen instructions, registers the mother and child as users.

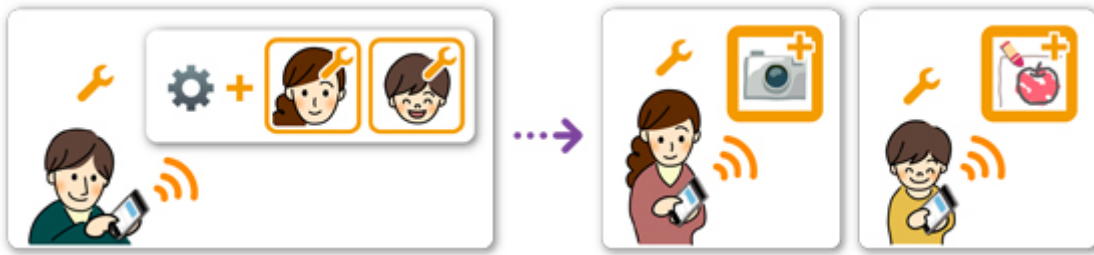


After this registration is complete, the mother and child can individually use the service.

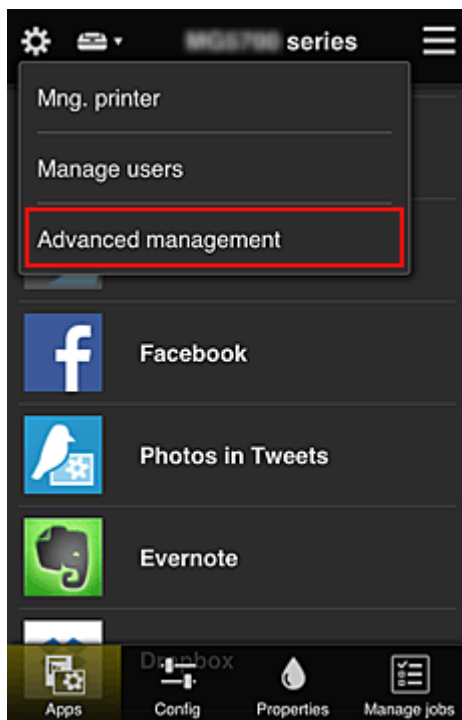
If Father, Mother, and Child Want to Manage Apps Individually



With the default settings, only the **Administrator** (father) can register apps to be used or delete apps. After the **Administrator** (father) specifies settings according to the procedure below, the father, the mother, and the child will be able to manage apps individually.



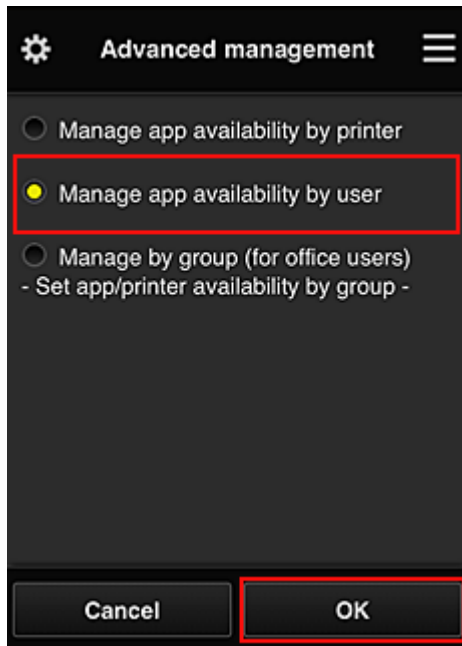
1. As the **Administrator**, the father [logs in to Canon Inkjet Cloud Printing Center](#) and selects **Advanced management** from 



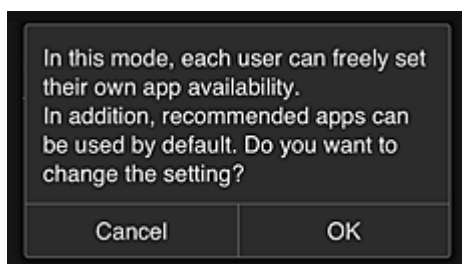
2. For **Select how to manage**, the father selects **Set**



3. The father sets **Manage app availability by user** and selects **OK**



4. The screen for checking the management method change appears



To complete the setup and return to the **Advanced management** window, select **OK**.
All registered users can register and delete apps freely.

Tips on Using Canon Inkjet Cloud Printing Center (at Work)

The **Group management** function allows you take advantage of the many useful functions that the service offers for office use.

This section introduces an example in which two printers are used, the **Administrator** is the senior clerk, and the other members are the company president, the section manager, and the new hire.

»»» Note

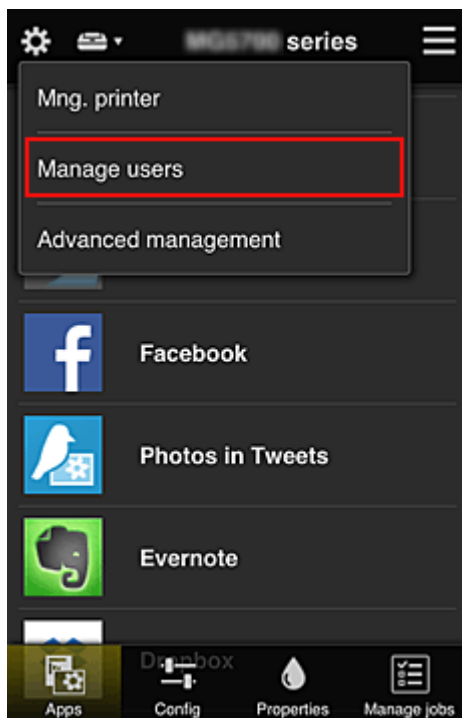
- If the second printer has not been registered, select "[Adding a Printer](#)" and register the printer by following the procedure.

Creating a Group for All Office Members to Use

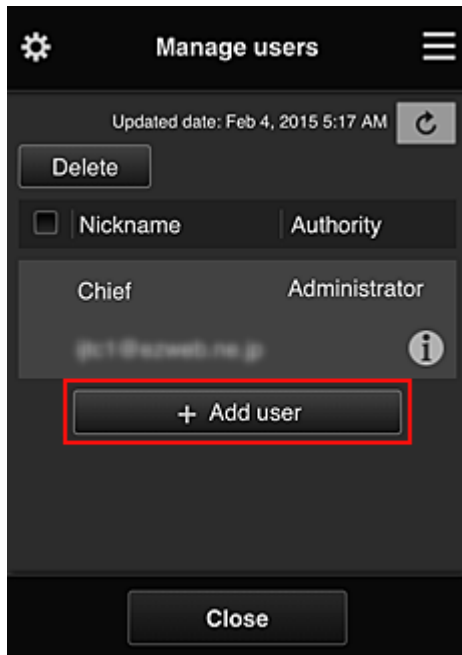
Set the basic group.

In this example, only the Evernote app will be used on 2 printers.

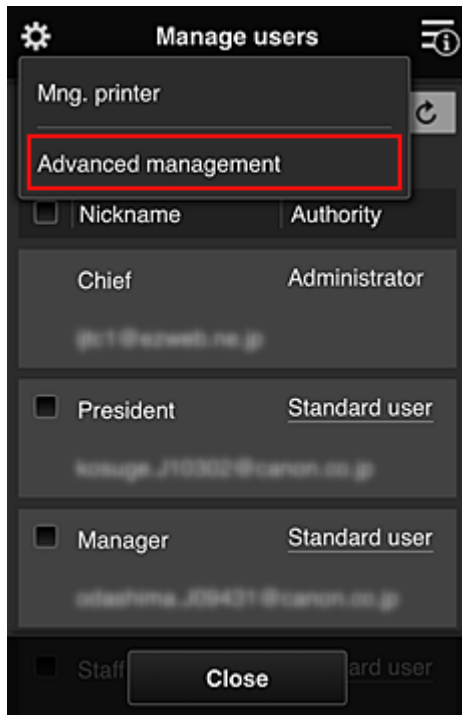
1. The senior clerk [registers to Canon Inkjet Cloud Printing Center](#) and becomes the **Administrator**
2. The senior clerk selects [Manage users](#) from 



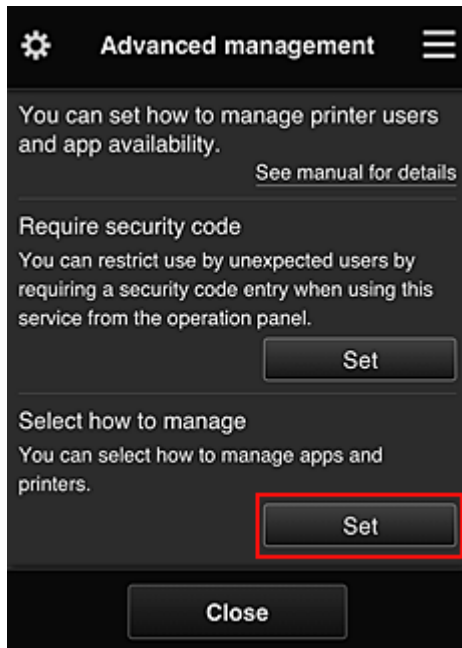
3. On the displayed screen, the senior clerk selects **Add user** and registers the company president, the section manager, and the new hire as users



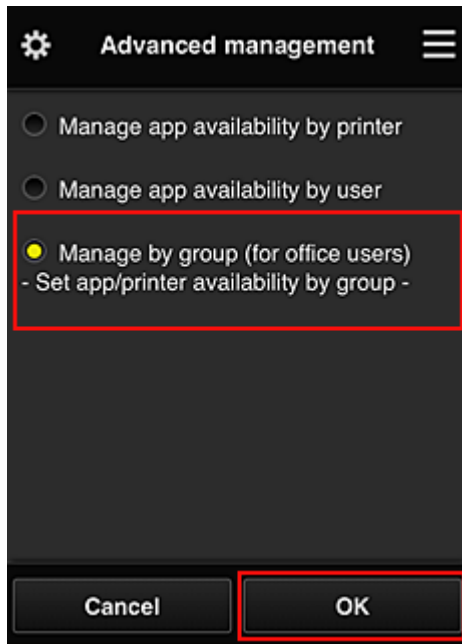
4. The senior clerk selects **Advanced management** from 



5. For **Select how to manage**, the senior clerk selects **Set**



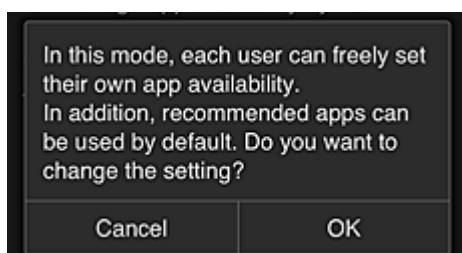
6. The senior clerk sets **Manage by group (for office users)** and selects **OK**

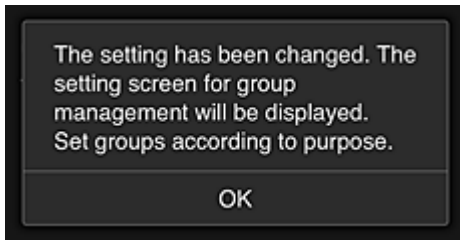


➤➤➤ **Note**

- If **Group management** has already been set up, refer to step 10 and the subsequent steps.

7. On the screen for checking management method changes, the senior clerk checks the displayed information and selects **OK**.






This appears only if the selected mode is **Group management**.

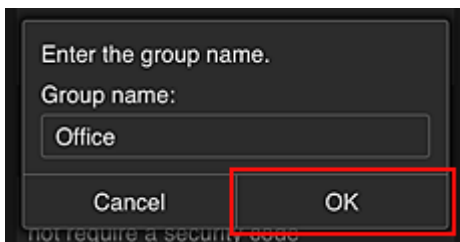
To complete the setup and display the **Group management** screen, select **OK**.

»» Note

- With the default settings, the group is named "group1".
- With the default settings, all registered users belong to the same group.

8. In the **Group management** screen, the senior clerk selects the  of the group to be renamed

9. The senior clerk enters the **Group name** and selects **OK**

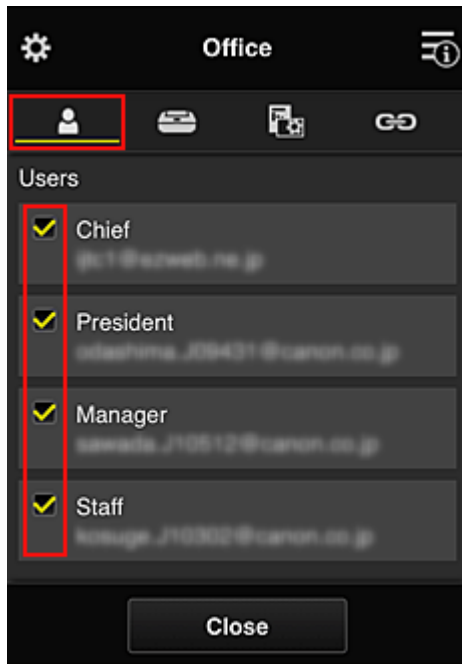


The chief clerk enters "Office" here because the clerk is setting up a group that everyone in the office will use.

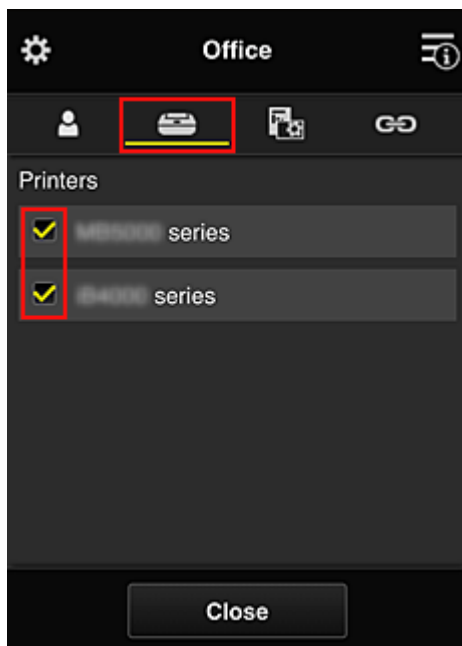
»» Important

- The following restrictions apply to entering the **Group name**.
 - The group name can have up to 20 single-byte alphanumeric characters or up to 10 double-byte characters.
 - The same group name cannot be registered more than once in the same domain.
 - Up to 20 groups can be registered.
- The person who created the group becomes the **Administrator**.

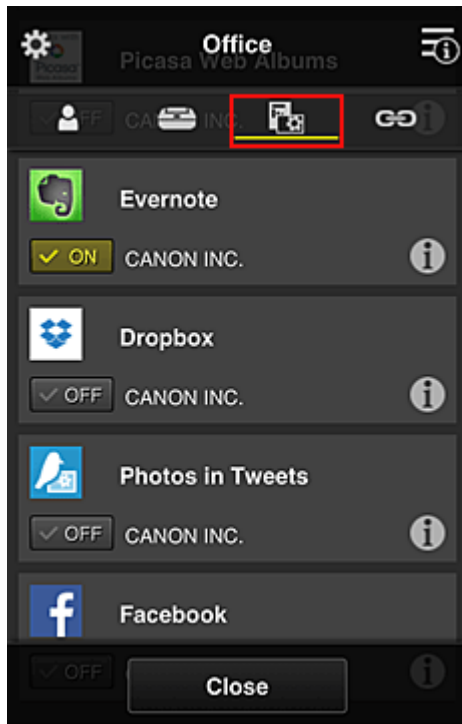
10. Select **Settings**, and in group setup screen, check that all users on the **Users** tab are selected



11. On **Printers** tab, check that all printers are selected



12. On **Apps** tab, set only Evernote app to ON



To switch between app registration/deletion, select ON / OFF.
 To return to the **Group management** screen, select **Close**.

This completes the setup of the group to be used by the entire office.

»» Note

- The group setup screen displays all users and printers that are registered in the domain.
- If you want to set up new apps as an individual, you can add a group.
 To create a new group, use **Add group**, and then in the setup screen for the added group, add users and printers.

- [Limiting Apps That Each User Can Use](#)
- [Limiting Apps That All Members Can Use on Printer](#)
- [Limiting Apps That Individual Users Can Use on Printer](#)
- [Limiting Printers That Individual Users Can Use](#)

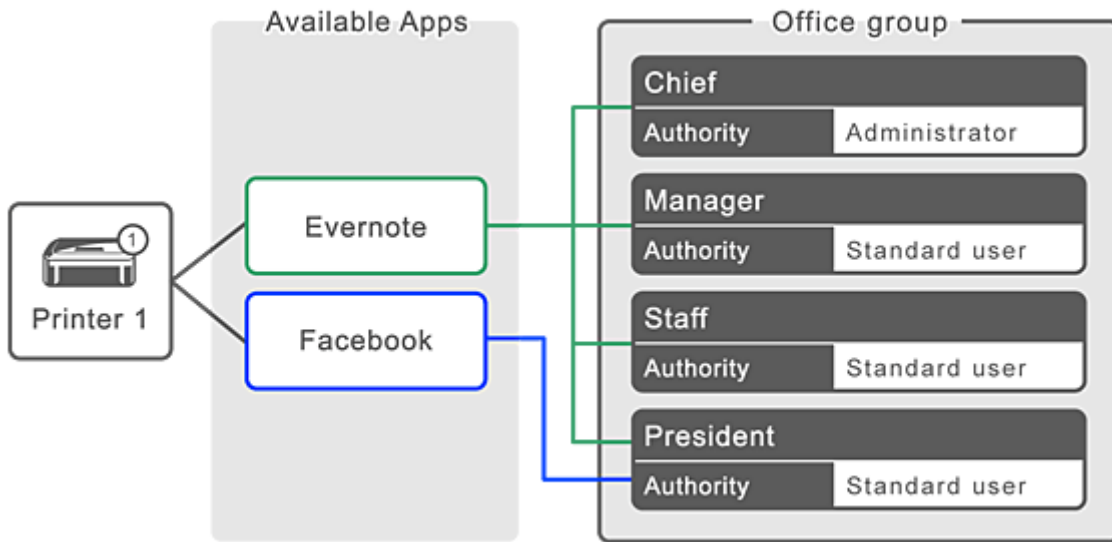
»» Important

- The available apps may differ depending on the country or the region.

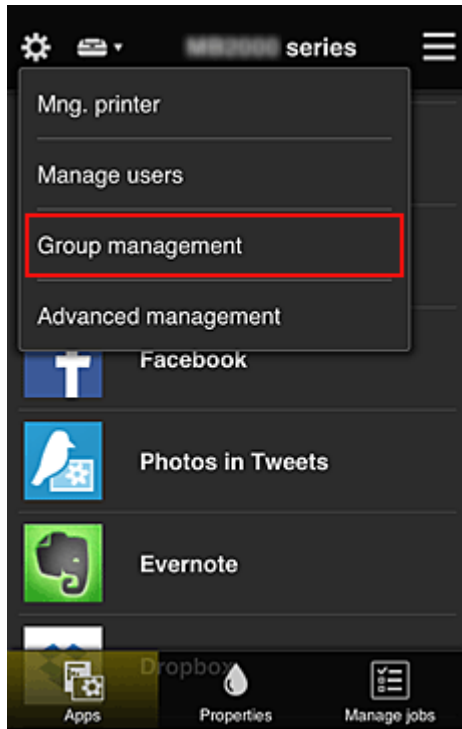
Limiting Apps That Each User Can Use

Set the following:

- Entire office: Use only Evernote app
- President: Use Evernote app and Facebook app



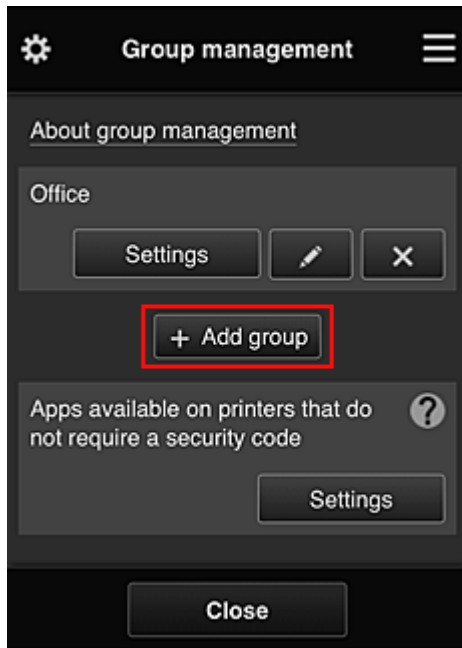
1. From , select **Group management**



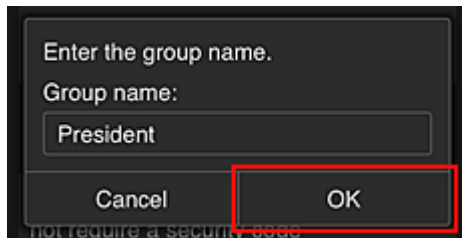
➤➤➤ Note

- This appears only if **Manage by group (for office users)** is set in **Advanced management**.

2. In displayed screen, select **Add group**



3. The senior clerk enters the **Group name** and selects **OK**



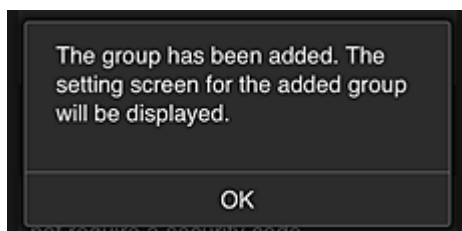
In this field, enter "President" as the president-only group because you will be setting apps that only the president can use.

»»» Important

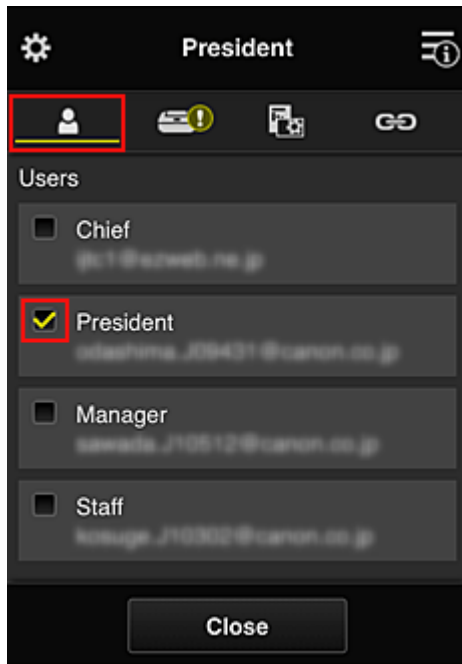
- The following restrictions apply to entering the **Group name**.
 - The group name can have up to 20 single-byte alphanumeric characters or up to 10 double-byte characters.
 - The same group name cannot be registered more than once in the same domain.
 - Up to 20 groups can be registered.
- The person who created the group becomes the **Administrator**.

4. Follow messages displayed on screen, and select **OK**

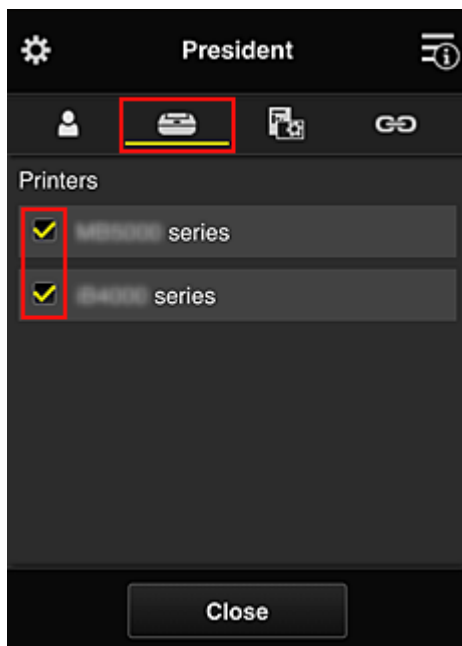
The group setup screen appears.




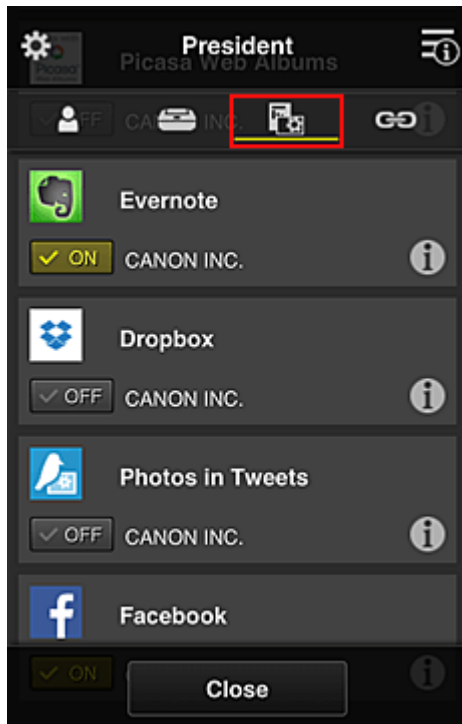
5. On **Users** tab, select only president



6. On the **Printers** tab, select printer to be used.



7. On the **Apps** tab, set the Evernote and Facebook apps to 



To switch between app registration/deletion, select ON / OFF.
To return to the **Group management** screen, select **Close**.

The above procedure allows you to set apps that only the president can use.

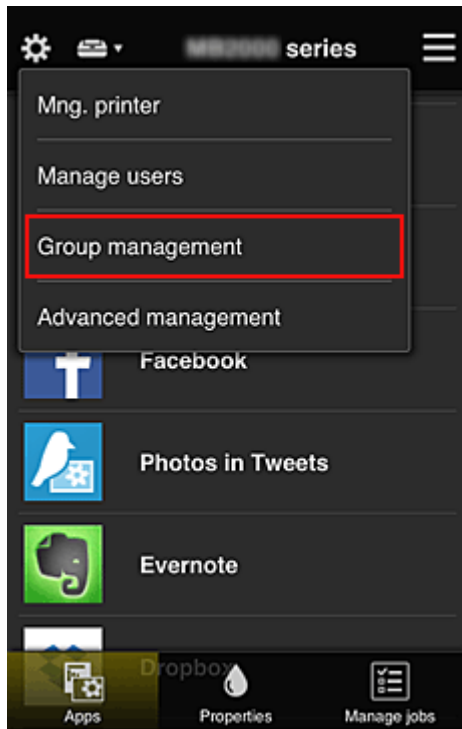
»» Note

- The group setup screen displays all users and printers that are registered in the domain.

Limiting Apps That All Members Can Use on Printer

To set the apps to be used on the printer, use the following procedure provided by this service.
As an example, this section describes the procedure for allowing all users to use the Evernote app from the printer.

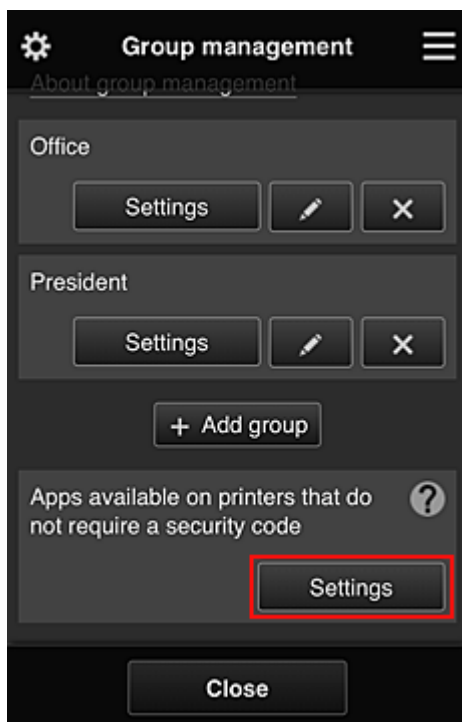
1. From , select **Group management**



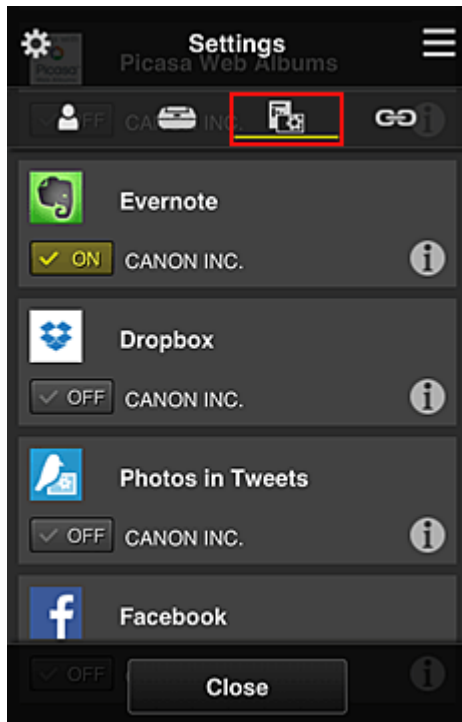
➤➤➤ **Note**

- This appears only if **Manage by group (for office users)** is set in **Advanced management**.

2. For **Apps** available on printers that do not require a security code, select **Settings**



3. On **Apps** tab, set only Evernote app to 



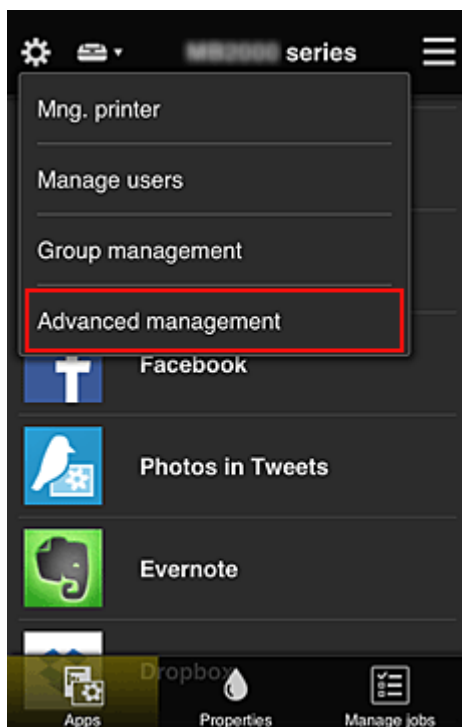
To switch between app registration/deletion, select ON / OFF.
 To return to the **Group management** screen, select **Close**.

The above procedure sets up Evernote as the only app that all users can use on the printer.

Limiting Apps That Individual Users Can Use on Printer

For each user, you can set the apps that the user can use on the printer. As an example, this section describes the procedure for allowing only the president to also use the Facebook app from the printer.

1. From , select **Advanced management**



2. For **Require security code**, select **Set**.



3. Select printer for setting up **Security code**.

[Security codes](#) identify individual users when multiple users are using a printer.



➤➤➤ Note

- On models where the settings cannot be changed, this function cannot be selected. Some models do not support this function. To check whether your model supports this function, see "Models that Support Security Codes".

4. Set up **Security code**

If there are users who have not set up a **Security code**, a screen appears for checking whether to send an e-mail prompting those users to set up a **Security code**.



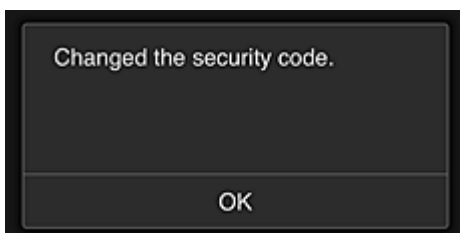
To send a notification e-mail only to users without a **Security code**, select **OK**.

To display the **Security code** setup screen when each user logs in and not send the notification e-mail, select **Cancel**.




»» Important

- The following character restriction applies to **Security code** entries:
 - Up to 8 alphanumeric characters



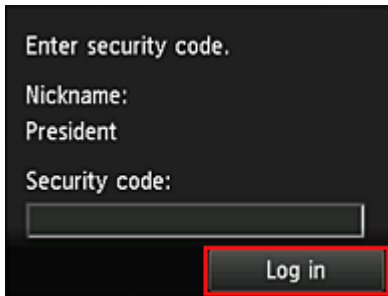
The **Security code** change process ends, and the change completion message appears. In the message screen, select **OK** to return to the main screen.

5. Select  **Cloud** from the printer's home screen

6. In **Switch user** screen, select user



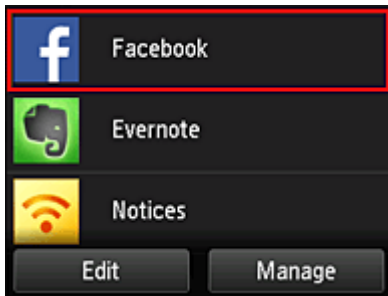
7. Enter **Security code** that you set and **Log in**



➤➤➤ **Note**

- If you have not set a **Security code**, set a **Security code** from [My account](#), and then **Log in**.

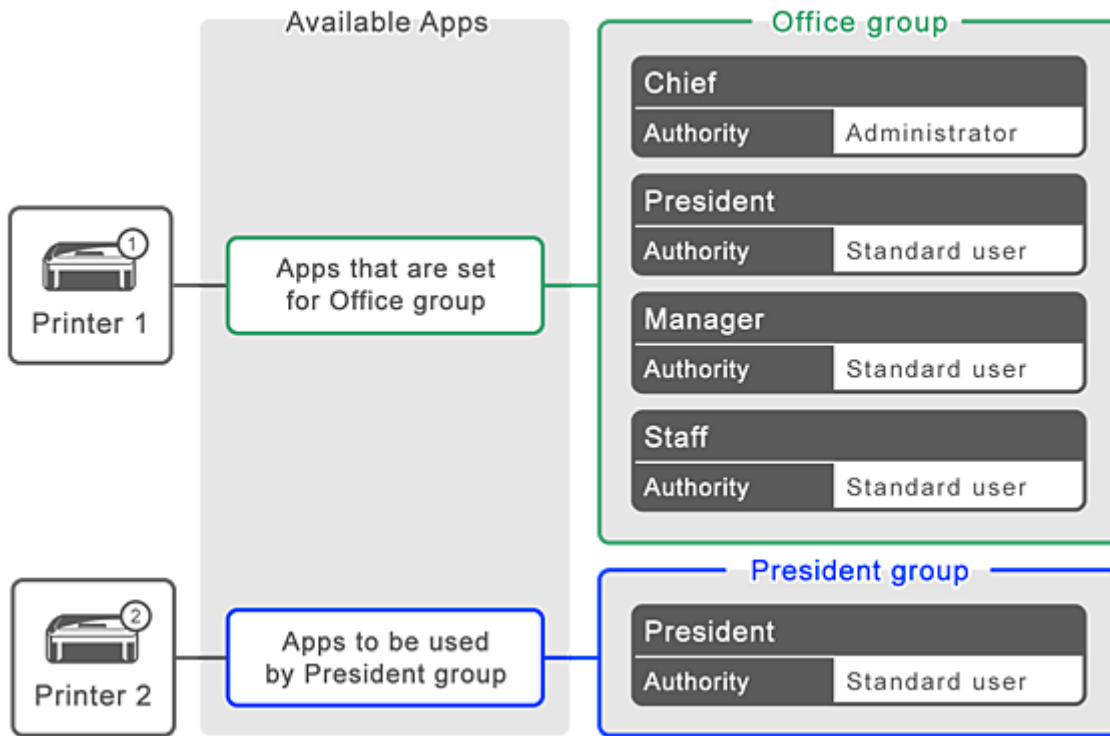
8. Select Facebook app



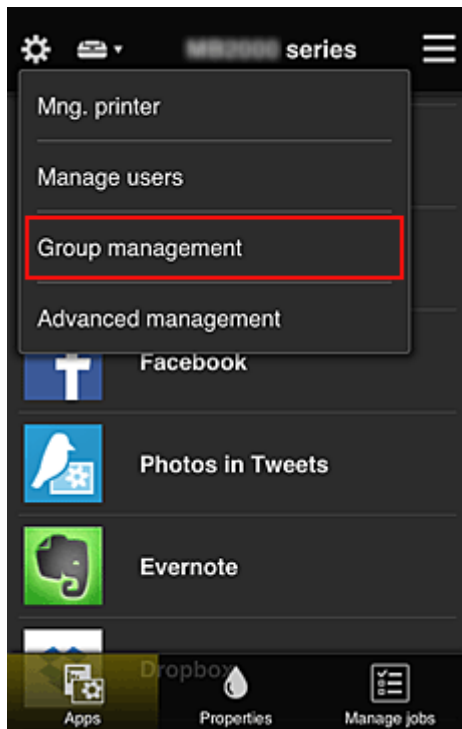
Only the president will be able to use the Facebook app from the printer.

Limiting Printers That Individual Users Can Use

As an example, this section describes the procedure for setting up one printer for the president and another printer for all users.



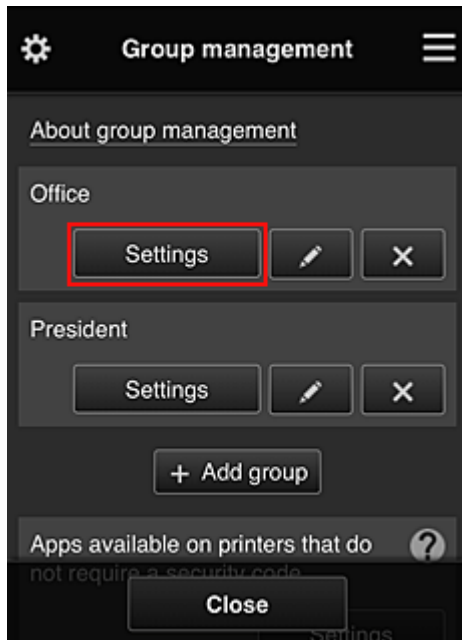
1. From , select **Group management**



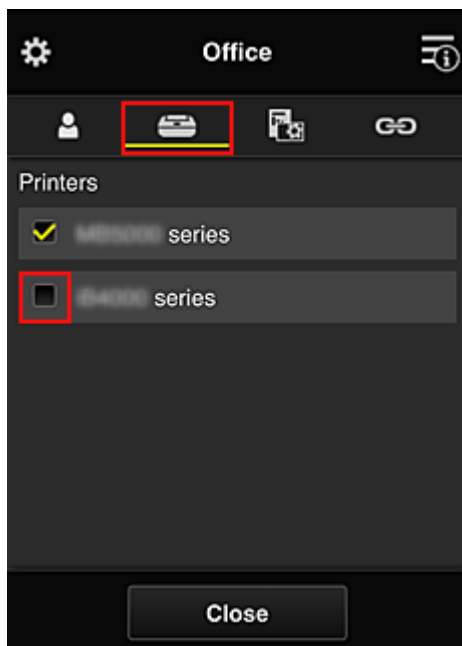
➤➤➤ **Note**

- This appears only if **Manage by group (for office users)** is set in **Advanced management**.

2. Select **Settings** for the group containing all users



3. On the **Printers** tab, clear printer that was set up for president



To return to the **Group management** screen, select **Close**.

»» Important

- If a user is being managed in multiple groups and an app is deleted or the target printer is changed for one of those groups, the user can still use that app or printer if the one of the other groups allows it.

Only the printer that was set can be used by all users.

What is a Security code?

A **Security code** identifies the user when multiple other users are sharing the same printer.

Important

- If you are using the MAXIFY series, you can set a **Security code**. We recommend that you set a **Security code** to prevent other users from using your account.
- This code is valid only when you use MAXIFY Cloud Link from the printer operation panel. You cannot use this code when you access the Canon Inkjet Cloud Printing Center from your smartphone, tablet, or computer.

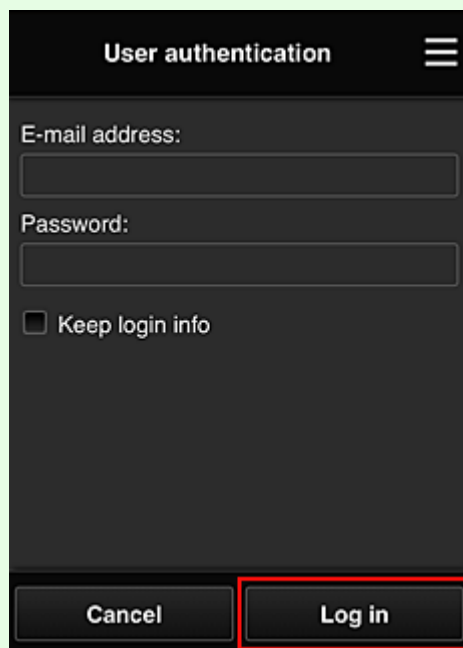
Adding a Printer

With one account, you can use the Canon Inkjet Cloud Printing Center services on multiple printers.

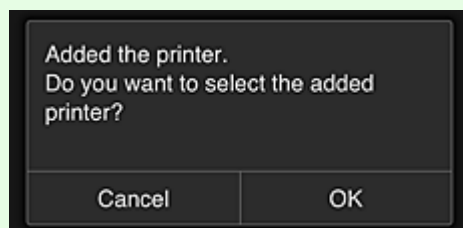
The procedure for adding a printer is as follows:

If your model has color LCD monitor

1. Check that an e-mail containing the URL has been sent to [the registered e-mail address](#), and access the URL
2. Enter the information according to the instructions on the authentication screen, and then select **Log in**

A screenshot of a mobile application's user authentication screen. The screen has a dark background with white text. At the top, it says "User authentication" with a hamburger menu icon to the right. Below this, there are two input fields: "E-mail address:" and "Password:". Under the password field, there is a checkbox labeled "Keep login info". At the bottom of the screen, there are two buttons: "Cancel" on the left and "Log in" on the right. The "Log in" button is highlighted with a red rectangular border.

3. When printer addition complete message appears, select **OK**

A screenshot of a mobile application's dialog box. The dialog box has a dark background with white text. It contains the following text: "Added the printer. Do you want to select the added printer?". At the bottom of the dialog box, there are two buttons: "Cancel" on the left and "OK" on the right.

The printer addition process ends, and the main screen of Canon Inkjet Cloud Printing Center appears.

▶▶▶ Note

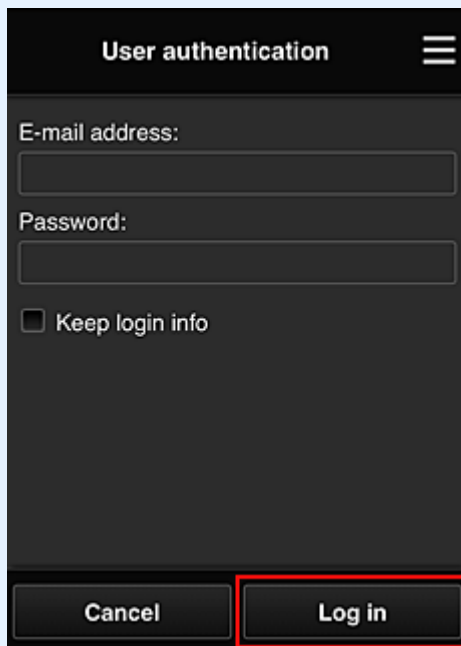
- If you select **Cancel**, the printer selection status does not change and the main screen of Canon Inkjet Cloud Printing Center appears.

If your model has monochrome LCD monitor If your model has no LCD monitor

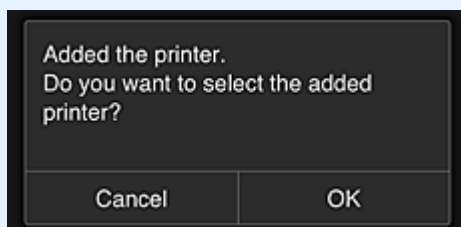
1. Check that an e-mail containing the URL has been sent to the registered e-mail address, and access the URL

- [If your model has monochrome LCD monitor](#)
- [If your model has no LCD monitor](#)

2. Enter the information according to the instructions on the authentication screen, and then select **Log in**

A screenshot of a mobile application's user authentication screen. The screen has a dark background with white text. At the top, it says "User authentication" with a hamburger menu icon to the right. Below this, there are two input fields: "E-mail address:" and "Password:". Under the password field, there is a checkbox labeled "Keep login info". At the bottom of the screen, there are two buttons: "Cancel" on the left and "Log in" on the right. The "Log in" button is highlighted with a red rectangular border.

3. When printer addition complete message appears, select **OK**

A screenshot of a mobile application's printer addition complete message dialog. The dialog has a dark background with white text. It says "Added the printer." followed by "Do you want to select the added printer?". At the bottom of the dialog, there are two buttons: "Cancel" on the left and "OK" on the right.

The printer addition process ends, and the main screen of Canon Inkjet Cloud Printing Center appears.

▶▶▶ **Note**

- If you select **Cancel**, the printer selection status does not change and the main screen of Canon Inkjet Cloud Printing Center appears.


■ [Adding a PIXMA/MAXIFY Cloud Link User](#)

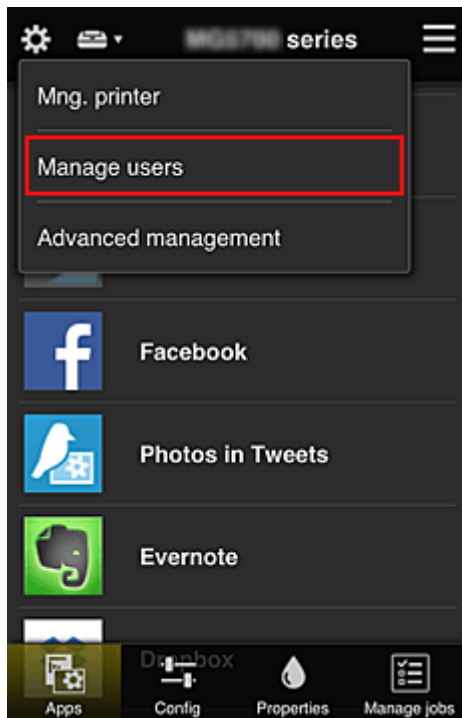
Adding a PIXMA/MAXIFY Cloud Link User

Several people can use one printer.

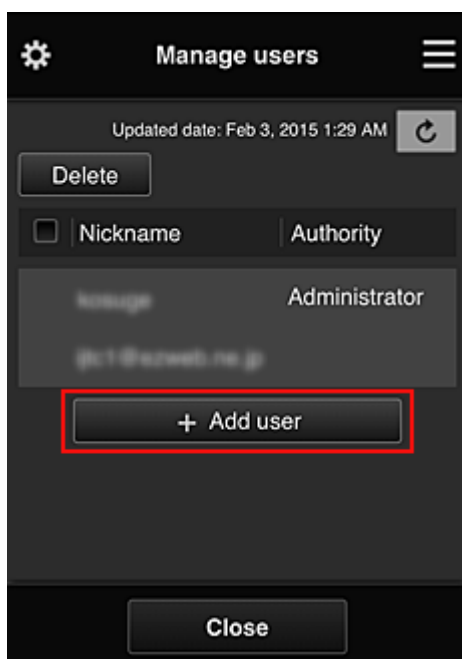
This section describes the user addition procedure and the user privileges.

Adding a user

1. On the service screen, select **Manage users** from .



2. Select **Add user**



Note

- When you select **Add user**, the service first checks whether the maximum number of users has been reached. If new users can be added, the user registration screen appears.

- The maximum number of users that can be added for 1 printer is 20.

3. Enter the e-mail address of the user to be added, and then select **OK**

The URL for completing the registration is then sent to the entered e-mail address.

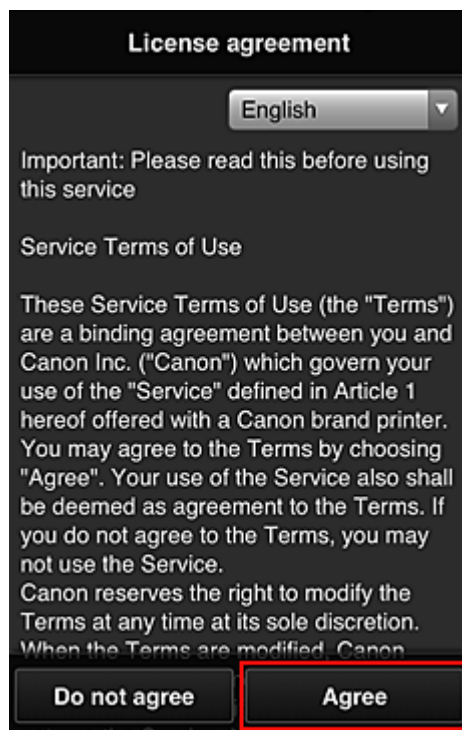
►► **Note**

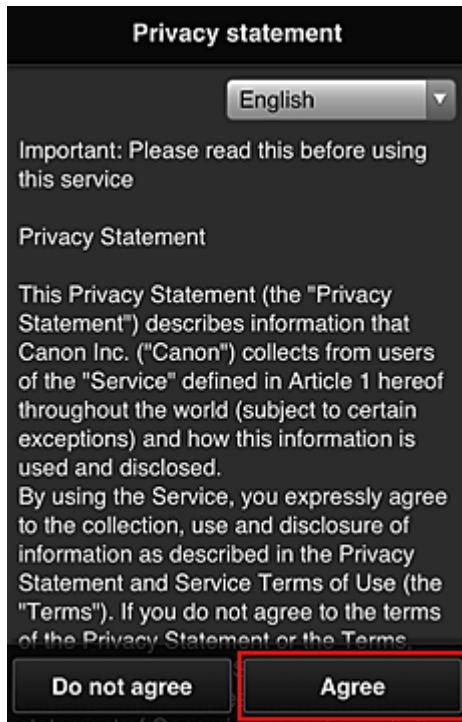
- If you enter an e-mail address that is already registered, you will receive notification that the address is registered. To specify another e-mail address, follow the displayed instructions.

4. Access the URL reported in the e-mail

The procedure that follows describes what to do if you receive a notification e-mail.

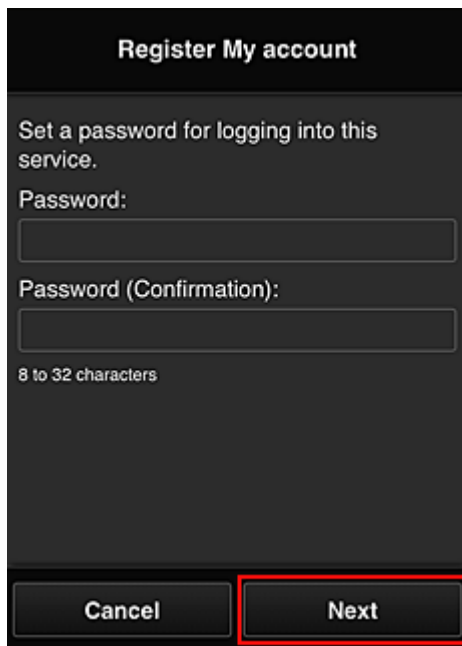
5. Read the terms displayed in the **License agreement** and **Privacy statement** screens. If you agree to the terms, select **Agree**.





6. Register a password for logging in to the Canon Inkjet Cloud Printing Center.

On the My Account Registration screen, enter you desired password into **Password** and **Password (Confirmation)** and select **Next**.



»» Important

- There are character restrictions for the **Password**, as shown below.
- The password must be between 8 and 32 characters long, using single-byte alphanumeric characters and symbols (!"#%&'()*+,-./:;<=>@[¥]^_`{|}~). (Alphabets are case-sensitive)

7. Enter **Nickname**

Enter any user name that you want to use.

Register My account

Nickname:

1 to 20 characters

Time zone:
 (UTC) Coordinated Universal Time ▼

Back Done

»» **Important**

- The user name entry field has the following character restrictions:
 - The user name must be between 1 and 20 characters long, using single-byte alphanumeric characters and symbols (!"#\$\$%&'()*+,-./:;<=>@[¥]^_`{|}~). (Alphabets are case-sensitive)

8. Specify the **Time zone** setting, and select **Done**

Select your region on the list. If you cannot find your region on the list, select the one closest to your region.

Apply daylight saving time

This appears only when there is a daylight saving time in the **Time zone** that you selected. Select whether or not to apply the daylight saving time.

Register My account

Nickname:

1 to 20 characters

Time zone:
 (UTC) Coordinated Universal Time ▼

Back Done

The main registration is complete, and a registration completion e-mail is sent.

▶▶▶ Note

- When you use MAXIFY Cloud Link, a cookie for the selected user is added to the printer, and the login status of each user is recovered. For each printer, you can register cookies for up to 8 users.

Printer user privileges

If several users are using the cloud service for 1 printer, each user is categorized as the **Administrator** or a **Standard user**.

▶▶▶ Note

- The user who is registered first becomes the **Administrator**. The administrator can change the privileges of users from the [Manage users screen](#).

An **Administrator** can change printer information, add and delete apps, manage users, and perform various other operations.

A **Standard user** can check printer information and start apps.

For information about the functions that each user can use, refer to the "[Canon Inkjet Cloud Printing Center window](#)".

If you are using MAXIFY Cloud Link from the printer, select **Multiusers mode** in the [Mng. printer screen](#) to set the printer to **Multiusers mode**. Each user can then start an app and print documents.

▶▶▶ Note

- If you have not set your own **Security code**, select **Multiusers mode** to display the **Security code** setup screen.
If you select **Cancel**, you will not be able to set **Multiusers mode**.
- If you are the **Administrator**, a confirmation screen appears asking whether you want to send an e-mail prompting standard users without a **Security code** to set up their **Security code**.
 - To send a notification e-mail is sent only to users without a **Security code** and to set **Multiusers mode**, select **OK**.
 - To set **Multiusers mode** without sending a notification e-mail, select **Cancel**.

■ [Troubleshooting Canon Inkjet Cloud Printing Center](#)

Troubleshooting Canon Inkjet Cloud Printing Center

- [If an app cannot be installed](#)
- [If the registered app is not in the Apps list](#)
- [If the information is not updated when you press the update button](#)
- [If you do not receive the registration e-mail](#)
- [If you cannot print](#)
- [Printing starts on its own even if you do not do anything](#)
- [If you are unable to log in correctly even after entering the correct password in iOS or Mac](#)

If an app cannot be installed

Check the country or region where the printer was purchased.

If the printer is taken outside the country or region where it was purchased, apps cannot be installed.

If You Are Using iP110 series

Check the country or region where the printer was purchased.

If you take the printer outside the country or region where you purchased it, you may not be able to install certain apps.

You can continue to use apps that are already installed, as long as the apps support the country or region you are moving to.

If the registered app is not in the Apps list

Check the display language of Canon Inkjet Cloud Printing Center.

If the display language is switched to a language that does not support an app, the app will not be displayed in the apps list but will continue to be registered.

If you switch back to the target language of the app, it will be displayed in the apps list and you will be able to start, register, or unregister the app.

If the information is not updated when you press the update button

Because the Properties screen requires network connection with this product, the information may not be reflected immediately. Please wait awhile, and then try updating the information again.

If the information is still not updated, then check that the product is connected to the Internet.

If you do not receive the registration e-mail

You may have entered a different e-mail address during the user registration of Canon Inkjet Cloud Printing Center.

If your model has color LCD monitor



On the printer's Home screen, select **Setup** -> **Web service setup** -> **Web service connection setup** -> **IJ Cloud Printing Center setup** -> **Delete from this service** to delete the service registration.

If your model has monochrome LCD monitor



On the printer operation panel, select the  **Setup** button, and then select **Web service setup** -> **Connection setup** -> **IJCloudPrintingCtr** -> **Delete from service** to delete the service registration.

If your model has no LCD monitor

Displaying Printer Information -> **IJ Cloud Printing Center setup** -> **Delete from this service** to delete the service registration.

To display printer information, go to the *Online Manual* home page, and see "Checking Printer Information" for your model.

After resetting the printer, repeat the user registration of Canon Inkjet Cloud Printing Center from the beginning.

If you cannot print

Check the following if you cannot print.

If your model has color LCD monitor


- Check that the printer is connected to the Internet.
- Check that the printer is connected to a LAN and the LAN environment is connected to the Internet.
- Check that no error message is displayed on the printer's LCD monitor.
- If printing does not start even after you wait awhile, go to the printer's home screen, and select



Setup -> **Web service inquiry**.

If your model has monochrome LCD monitor

- Check that the printer is connected to the Internet.
- Check that the printer is connected to a LAN and the LAN environment is connected to the Internet.
- Check that no error message is displayed on the printer's LCD monitor.

- If printing does not start even after you wait awhile, go to the printer operation panel, select  **Setup**, and run **Web service inquiry**. If printing does not start, run the inquiry several times.

If your model has no LCD monitor

- Check that the printer is connected to the Internet.
- Check that the printer is connected to a LAN and the LAN environment is connected to the Internet.
- If printing does not start even after you wait awhile, first turn off the printer, and then turn it back on again.

If the problem is not resolved, use the printer driver from your computer to perform the print job and check whether the data can be printed normally on the printer.

If you still cannot print, see the troubleshooting page for your model on the Home of the *Online Manual*.



▶▶▶ Note

- With a wireless LAN connection, after the printer is turned on, it may take several minutes before communication is possible. Check that your printer is connected to the wireless network, and wait a while before you start printing.
- If the printer is not turned on or is not connected to the Internet, and consequently a print job is not processed within 24 hours after it was submitted, the print job is automatically canceled. If this happens, check the printer power and the Internet connection, and then re-submit the print job.


Printing starts on its own even if you do not do anything

A third party may be able to illegally use the Canon Inkjet Cloud Printing Center services.

If your model has color LCD monitor

On the printer's Home screen, select  **Setup** ->  **Web service setup** -> **Web service connection setup** -> **IJ Cloud Printing Center setup** -> **Delete from this service** to delete the service registration.

If your model has monochrome LCD monitor

On the printer operation panel, select the  **Setup** button, and then select **Web service setup** -> **Connection setup** -> **IJCloudPrintingCtr** -> **Delete from service** to delete the service registration.

If your model has no LCD monitor

Displaying Printer Information -> **IJ Cloud Printing Center setup** -> **Delete from this service** to delete the service registration.

To display printer information, go to the *Online Manual* home page, and see "Checking Printer Information" for your model.

After resetting the printer, repeat the user registration of Canon Inkjet Cloud Printing Center from the beginning.

If you are unable to log in correctly even after entering the correct password in iOS or Mac

If you are using iOS or Mac and the password contains the ¥ or # symbol, enter a backslash instead. For instructions on entering a backslash, see the OS help.

Print Easily from a Smartphone or Tablet with Canon PRINT Inkjet/SELPHY

Use Canon PRINT Inkjet/SELPHY to easily print photos saved on a smartphone or tablet wirelessly. You can also receive scanned data (PDF or JPEG) directly on a smartphone or tablet without using a computer.

Canon PRINT Inkjet/SELPHY can be downloaded from App Store and Google Play.



Printing with Windows RT

When you use Windows RT 8.1 or a later version, printing is easy because you simply connect this printer to the network.

For information about connecting to the network, see the setup URL (<http://www.canon.com/ijsetup>) for using this product from your computer, smartphone, or tablet device.

When the connection is complete, the Canon Inkjet Print Utility software, which allows you to specify detailed print settings, is downloaded automatically.

By using Canon Inkjet Print Utility, you can check the **Printer status** and specify detailed print settings. (The available functions will differ depending on your usage environment and connection method.)

Checking Printer Information

You can check the printer status and change the printer settings using the web browser on your smartphone, tablet, or computer.


▶▶▶ Note

- You can use this function on the following OS and the web browser.
 - iOS device
OS: iOS 6.1 or later
Web browser: iOS standard Web browser (Mobile Safari)
 - Android device
OS: Android 2.3.3 or later
Web browser: Android standard Web browser (Browser or Chrome)
 - Mac OS device
OS: Mac OS X v.10.6 or later
Web browser: Safari 5.1 or later
 - Windows device
OS: Windows XP or later
Web browser: Internet Explorer 8 or later, Google Chrome 38.0.2125.104m or later, Mozilla Firefox 33.0 or later

1. Check machine's IP address and serial number.


Print the network setting information to check the machine's IP address and serial number by following the steps below.

1. [Make sure machine is turned on.](#)
2. [Load two sheets of A4 or Letter-sized plain paper.](#)

3. Flick HOME screen and tap  **Setup.**

■ [Using the Operation Panel](#)

The menu screen is displayed.

4. Tap  **Device settings.**
5. Tap **LAN settings.**
6. Tap **Confirm LAN settings.**
7. Tap **Print LAN details.**
8. Tap **Yes.**

The machine starts printing the network setting information.

9. Check "IP Address" column and "Serial Number" column on network setting information sheet.

▶▶▶ Note

- The password has been specified to the machine serial number at the time of purchase. Checking the serial number is not required if you have already changed to any password.

2. Open web browser on your smartphone, tablet, or computer and enter IP address.

Enter as following in the URL field of the web browser.

http://XXX.XX.X.XXX

For "XXX.XX.X.XXX", enter the IP address that you checked in the "IP Address" column on the network setting information sheet.

When you access, the printer information will be displayed on the web browser on your smartphone, tablet, or computer.

If you want to check the printer status and change the printer settings, proceed to the next step. If you do not, close the web browser.

3. Select **Log on** to check printer status and change printer settings.

The **Admin password authentication** screen is displayed.

▶▶▶ Important

- Before the **Admin password authentication** screen is displayed, a message to warn you that the identification information is not verified may be displayed.

You can set not to display a message by specifying the SSL/TLS settings of certificate for encrypted communication in step 5.

4. Enter password.

The password is specified to the machine serial number at the time of purchase. If you have not changed the password yet, enter the machine serial number that is printed on the "Serial Number" column of the network setting information sheet.

When the password authentication is complete, the menus that can be utilized are displayed on the web browser.

5. Check printer status and change printer settings.

You can utilize the following menus.



Printer status

This function displays printer information such as the remaining ink amount, the status, and detailed error information.

You can also connect to the ink purchase site or support page, and use Web Services.

Utilities

This function allows you to set and execute the printer utility functions such as cleaning.

Device settings

This function allows you to change the printer settings such as the quiet setting, the energy saving settings, and the print settings.

AirPrint settings

This function allows you to specify the AirPrint settings, such as position information.

Web service connection setup

This function allows you to register to Google Cloud Print or IJ Cloud Printing Center, or delete a registration.

Security

This function allows you to specify the administrator password and SSL/TLS settings of certificate for encrypted communication.

▶▶▶ Important

- The password is specified to the machine serial number at the time of purchase.
For the password, refer to [Administrator Password](#).
- The following character restrictions apply to the password that you change:
 - Set the password by using 4 to 32 characters.
 - The allowed characters are single-byte alphanumeric characters.
 - For security reasons, we recommend you use 6 and more alphanumeric characters.

System info and LAN settings

This function allows you to check the system information and to change the LAN settings.

Firmware update

This function allows you to update the firmware and check version information.

Language selection

This function allows you to change the language on the display.

Manual (Online)

This function displays the *Online Manual*.

6. When you finish checking printer status and changing printer settings, select **Log off**.
7. Close web browser.

Handling Paper, Originals, Ink Tanks, Printable Disc, Memory Card, etc.

▶ Loading Paper

- Paper Sources to Load Paper
- Loading Small Size Paper Such as 4" x 6" (10 x 15 cm)
- Loading Large Size Paper Such as A4 or Letter
- Loading Envelopes

▶ Placing a Printable Disc

- Cautions When Printing on a Printable Disc
- Before Placing a Printable Disc
- Placing a Printable Disc
- Removing a Printable Disc
- How to Detach / Attach the Disc Tray

▶ Loading Originals

- Loading Originals on the Platen Glass
- How to Load Originals for Each Function
- Originals You Can Load
- How to Detach / Attach the Document Cover

▶ Inserting the Memory Card

- Before Inserting the Memory Card
- Inserting the Memory Card
- Removing the Memory Card

▶ Replacing Ink

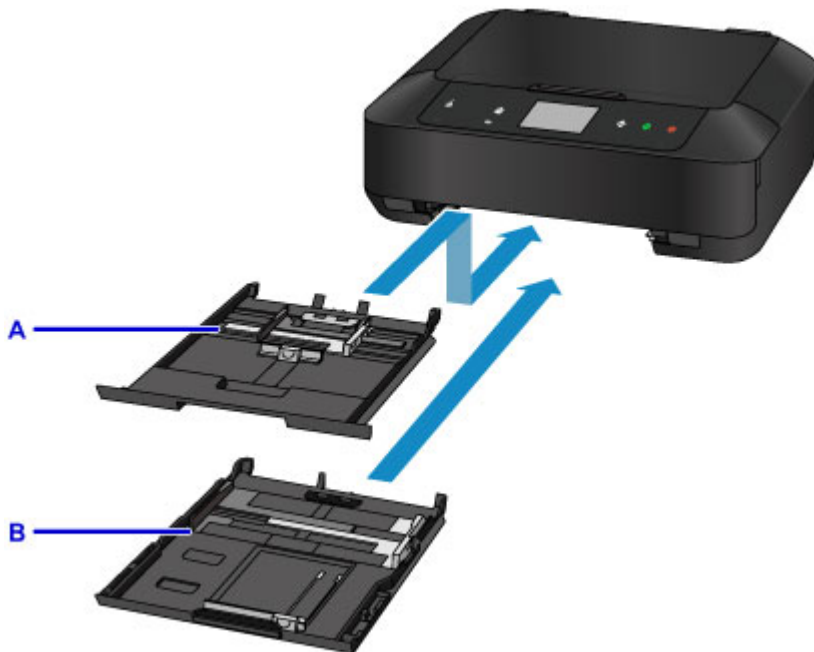
- Replacing Ink
- Checking Ink Status

Loading Paper

- ▶ **Paper Sources to Load Paper**
- ▶ **Loading Small Size Paper Such as 4" x 6" (10 x 15 cm)**
- ▶ **Loading Large Size Paper Such as A4 or Letter**
- ▶ **Loading Envelopes**

Paper Sources to Load Paper

The machine has two paper sources for feeding paper, the cassette 1 (A) and cassette 2 (B).



The paper source used depends on the page size and media type.

■ [Media Types You Can Use](#)

▶▶▶ **Note**

- When printing, select the correct page size and media type. If you select the wrong page size or media type, the machine may feed paper from the wrong paper source or may not print with the proper print quality.

For details on how to load paper in each paper source, see below.

- [Loading Small Size Paper Such as 4" x 6" \(10 x 15 cm\)](#)
- [Loading Large Size Paper Such as A4 or Letter](#)
- [Loading Envelopes](#)

Loading Small Size Photo Paper in the cassette 1

When using small size photo paper, such as 4" x 6" (10 x 15 cm) or 5" x 7" (13 x 18 cm), load it in the cassette 1.

The machine feeds photo paper from the cassette 1 automatically if you select a page size such as 4" x 6" (10 x 15 cm) or 5" x 7" (13 x 18 cm) in the print settings at the operation panel or the printer driver.

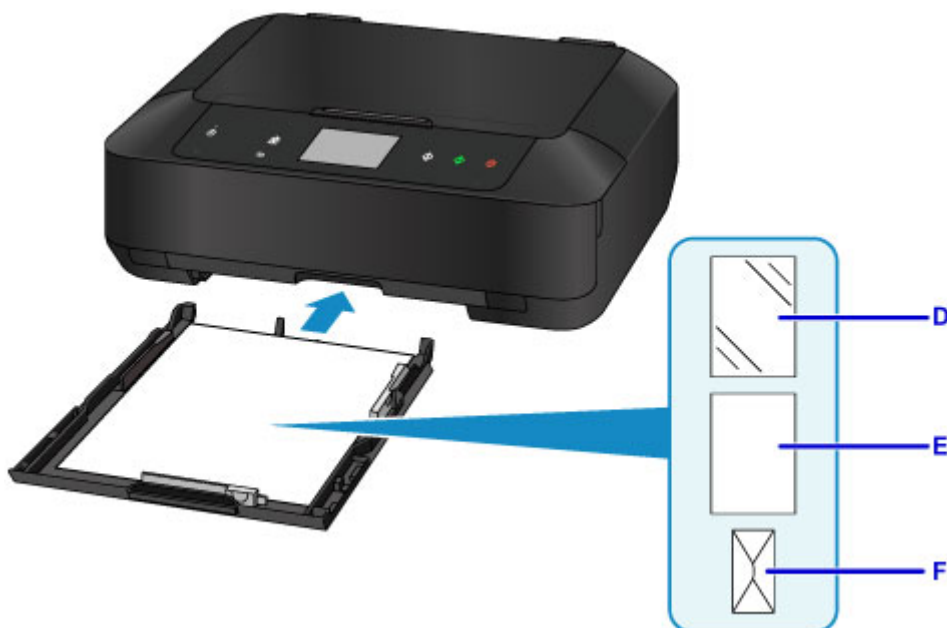


C: Photo paper (4" x 6" (10 x 15 cm) or 5" x 7" (13 x 18 cm) size)

Loading Large Size Photo Paper / Plain Paper or Envelopes in the cassette 2

When using large size photo paper or plain paper, such as A4, B5, A5, or Letter, load it in the cassette 2. You can also load envelopes in the cassette 2.

The machine feeds paper from the cassette 2 automatically if you select a page size such as A4, B5, A5, or Letter in the print settings at the operation panel or the printer driver.



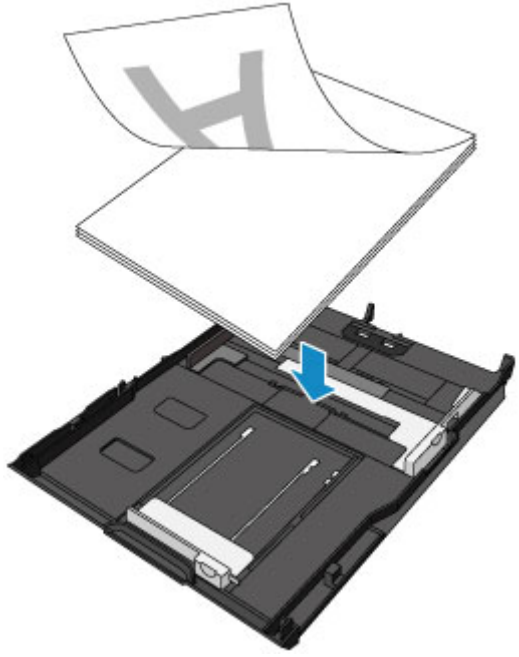
D: Photo paper (A4, 8" x 10" (20 x 25 cm), or Letter size)

E: Plain paper (A4, B5, A5, Letter, or Legal size)

F: Envelopes

Loading Paper with the Print Side Facing Down

If paper has print side (front or back), such as photo paper, load it with the whiter side (or glossy side) facing down.



Loading Small Size Paper Such as 4" x 6" (10 x 15 cm)

You can load 4" x 6" (10 x 15 cm) or 5" x 7" (13 x 18 cm) size photo paper in the cassette 1.

Load large size paper, such as A4 or Letter, in the cassette 2.

■ [Loading Large Size Paper Such as A4 or Letter](#)

▶▶▶ Important

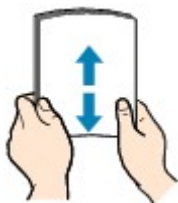
- If you cut plain paper into small size such as 4" x 6" (10 x 15 cm) or 5" x 7" (13 x 18 cm) to perform trial print, it can cause paper jams.

▶▶▶ Note

- We recommend Canon genuine photo paper for printing photos.
For details on the Canon genuine paper, see [Media Types You Can Use](#).

1. Prepare paper.

Align the edges of paper. If paper is curled, flatten it.



▶▶▶ Note

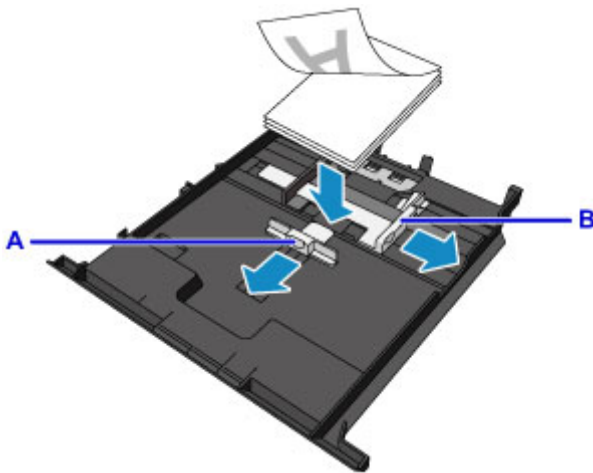
- Align the edges of paper neatly before loading. Loading paper without aligning the edges may cause paper jams.
- If paper is curled, hold the curled corners and gently bend them in the opposite direction until the paper becomes completely flat.
For details on how to flatten curled paper, see "Load the paper after correcting its curl." in [Paper Is Smudged / Printed Surface Is Scratched](#).
- When using Photo Paper Plus Semi-gloss SG-201, even if the sheet is curled, load one sheet at a time as it is. If you roll up this paper to flatten, this may cause cracks on the surface of the paper and reduce the print quality.

2. Pull out the cassette 1 from the machine.



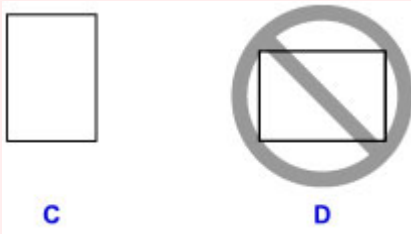
3. Slide the paper guide (A) in front and (B) on the right to open the guides.

4. Load the paper stack WITH THE PRINT SIDE FACING DOWN, and place it in the center of the cassette 1.



»» Important

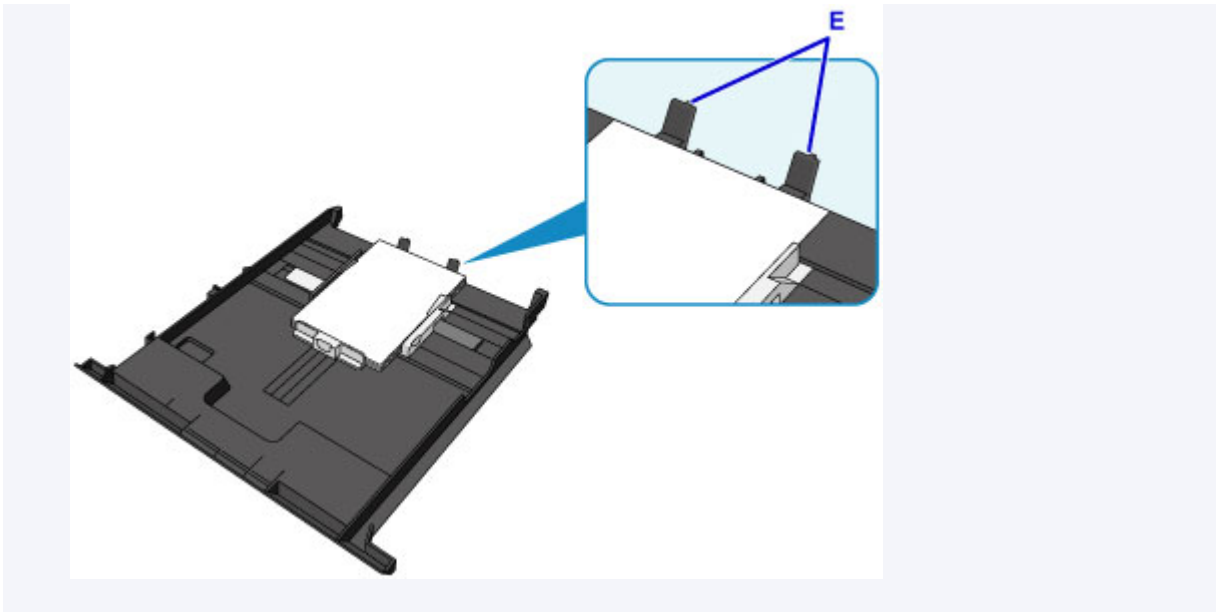
- Always load paper in the portrait orientation (C). Loading paper in the landscape orientation (D) can cause paper jams.



»» Note

- If paper has print side (front or back), such as photo paper, load it with the whiter side (or glossy side) facing down.
- Align the paper stack with the edge of the cassette 1 as shown in the figure below.

If the paper stack is in contact with the protrusions (E), the paper may not be fed properly.

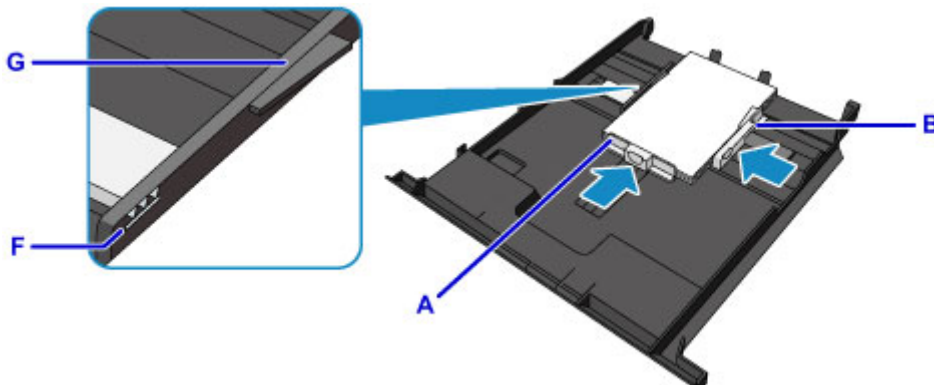


5. Align the paper guide (A) in front with the paper stack.

For standard sizes, align the paper guide (A) with where it clicks into place.

6. Slide the paper guide (B) on the right to align the right and left guides with both sides of the paper stack.

Do not slide the paper guides too hard against the paper. The paper may not be fed properly.



▶▶▶ Note

- Do not load sheets of paper higher than the load limit mark (F).
- Keep the paper stack height below the tabs (G) of the paper guides.

7. Insert the cassette 1 into the machine.

Push the cassette 1 all the way into the machine.

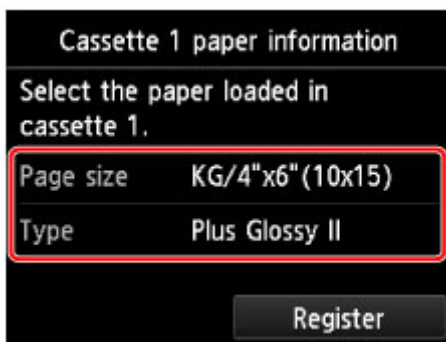
After inserting the cassette into the machine, the paper information registration screen for the cassette is displayed on the touch screen.



8. Select the size and type of the loaded paper in the cassette 1 at **Page size** and **Type**, then tap **Register**.

If a message is displayed on the screen, follow the directions in the message to complete registration.

■ [Paper Settings](#)



9. Holding both sides of the paper output tray, gently open it.

The output tray extension opens automatically when the paper output tray is opened.



»» **Note**

- When printing, select the size and type of the loaded paper on the print settings screen of the operation panel or printer driver.

Loading Large Size Paper Such as A4 or Letter

You can load A4, B5, A5, 8" x 10" (20 x 25 cm), Letter, or Legal-sized photo paper or plain paper in the cassette 2.

You can also load envelopes in the cassette 2.

■ [Loading Envelopes](#)

Load small sizes of paper in the cassette 1.

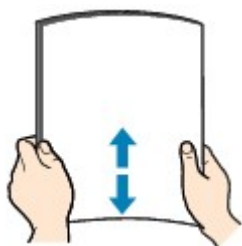
■ [Loading Small Size Paper Such as 4" x 6" \(10 x 15 cm\)](#)

▶▶▶ Note

- We recommend Canon genuine photo paper for printing photos.
For details on the Canon genuine paper, see [Media Types You Can Use](#).
- You can use general copy paper or Canon Red Label Superior WOP111/Canon Océ Office Colour Paper SAT213.
For the page size and paper weight you can use for this machine, see [Media Types You Can Use](#).

1. Prepare paper.

Align the edges of paper. If paper is curled, flatten it.



▶▶▶ Note

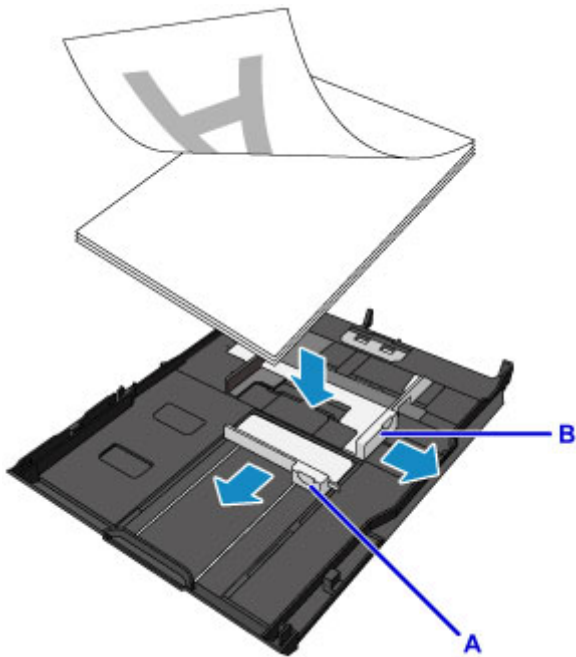
- Align the edges of paper neatly before loading. Loading paper without aligning the edges may cause paper jams.
- If paper is curled, hold the curled corners and gently bend them in the opposite direction until the paper becomes completely flat.
For details on how to flatten curled paper, see "Load the paper after correcting its curl." in [Paper Is Smudged / Printed Surface Is Scratched](#).
- When using Photo Paper Plus Semi-gloss SG-201, even if the sheet is curled, load one sheet at a time as it is. If you roll up this paper to flatten, this may cause cracks on the surface of the paper and reduce the print quality.

2. Pull out the cassette 2 from the machine.



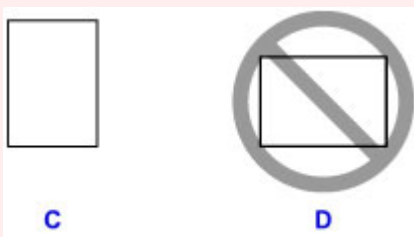
3. Slide the paper guide (A) in front and (B) on the right to open the guides.

4. Load the paper stack WITH THE PRINT SIDE FACING DOWN, and place it in the center of the cassette 2.



Important

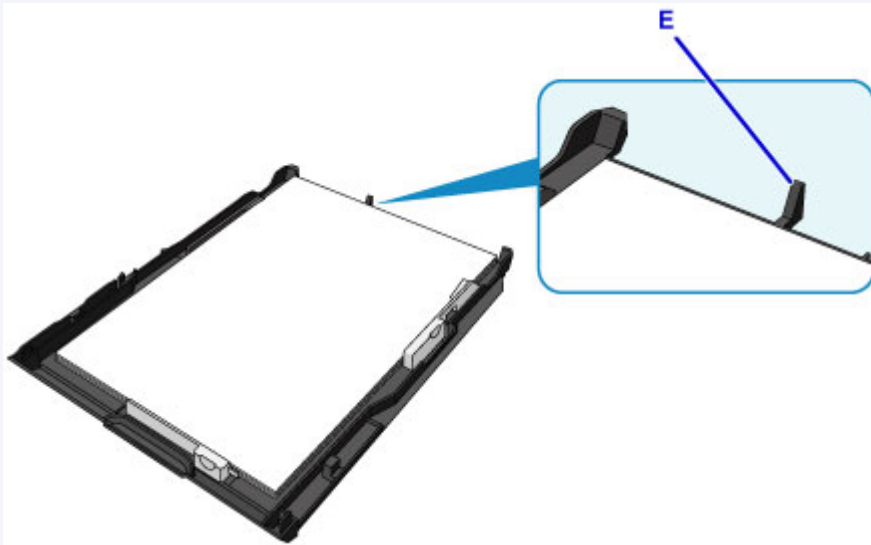
- Always load paper in the portrait orientation (C). Loading paper in the landscape orientation (D) can cause paper jams.



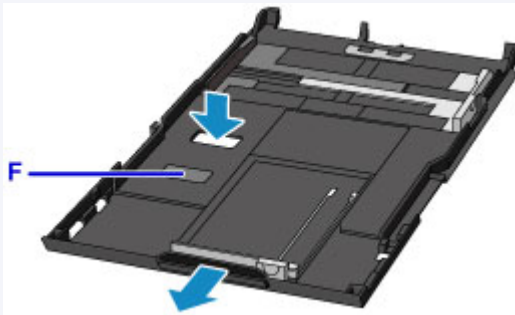
»» Note

- If paper has print side (front or back), such as photo paper, load it with the whiter side (or glossy side) facing down.
- Align the paper stack with the edge of the cassette 2 as shown in the figure below.

If the paper stack is in contact with the protrusion (E), the paper may not be fed properly.



- To load paper larger than A4 size in the cassette 2, press down the lock (F) on the cassette 2, then extend the cassette 2.



5. Align the paper guide (A) in front with the paper stack.

For standard sizes, align the paper guide (A) with where it clicks into place.

6. Slide the paper guide (B) on the right to align the right and left guides with both sides of the paper stack.

Do not slide the paper guides too hard against the paper. The paper may not be fed properly.



►►► Note

- Do not load sheets of paper higher than the load limit mark (G).
- Keep the paper stack height below the tabs (H) of the paper guides.

7. Insert the cassette 2 into the machine.

Push the cassette 2 into the machine until it stops.

After inserting the cassette into the machine, the paper information registration screen for the cassette is displayed on the touch screen.



►►► Note

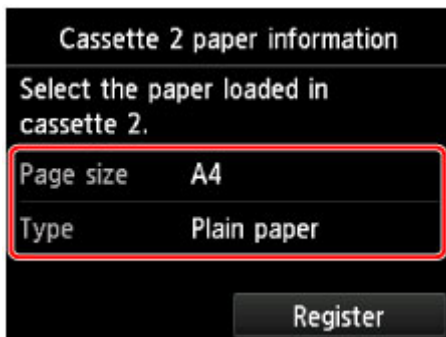
- When paper larger than A4 or Letter size is loaded, the extended cassette 2 protrudes beyond the machine. Do not force the cassette 2 into the machine any further. This can damage the machine or cassette 2.



8. Select the size and type of the loaded paper in the cassette 2 at **Page size** and **Type**, then tap **Register**.

If a message is displayed on the screen, follow the directions in the message to complete registration.

■ [Paper Settings](#)



9. Holding both sides of the paper output tray (I), gently open it.

The output tray extension opens automatically when the paper output tray is opened.

10. Extend the paper output support (J).



▶▶▶ **Note**

- When printing, select the size and type of the loaded paper on the print settings screen of the operation panel or printer driver.

Loading Envelopes

You can load Envelope DL and Envelope Com 10 in the cassette 2.

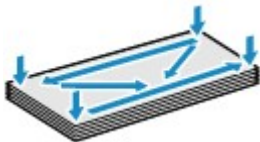
The address is automatically rotated and printed according to the envelope's direction by specifying with the printer driver properly.

▶▶▶ Important

- Printing of envelopes from the operation panel or from a PictBridge (Wireless LAN) compliant device is not supported.
- Do not use the following envelopes. They could jam in the machine or cause the machine to malfunction.
 - Envelopes with an embossed or treated surface
 - Envelopes with a double flap
 - Envelopes whose gummed flaps are already moistened and adhesive

1. Prepare envelopes.

- Press down on all four corners and edges of the envelopes to flatten them.



- If the envelopes are curled, hold the opposite corners and gently twist them in the opposite direction.



- If the corner of the envelope flap is folded, flatten it.

▶▶▶ Important

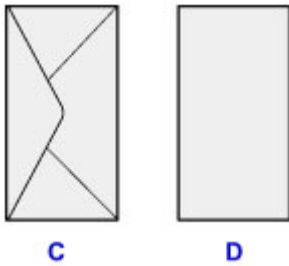
- The envelopes may jam in the machine if they are not flat or the edges are not aligned. Make sure that no curl or puff exceeds 0.1 inch (3 mm).
- Do not flatten the leading edge of envelopes. Otherwise, the printing position may shift out of place.

2. Pull out the cassette 2 from the machine.



- Slide the paper guide (A) in front and (B) on the right to open the guides.
- Load the envelopes WITH THE ADDRESS SIDE FACING DOWN, and place them in the center of the cassette 2.

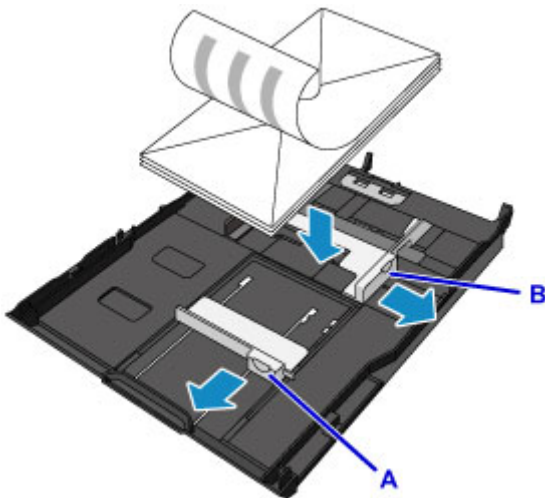
The folded flap of the envelope will be faced up on the left side.



C: Rear side

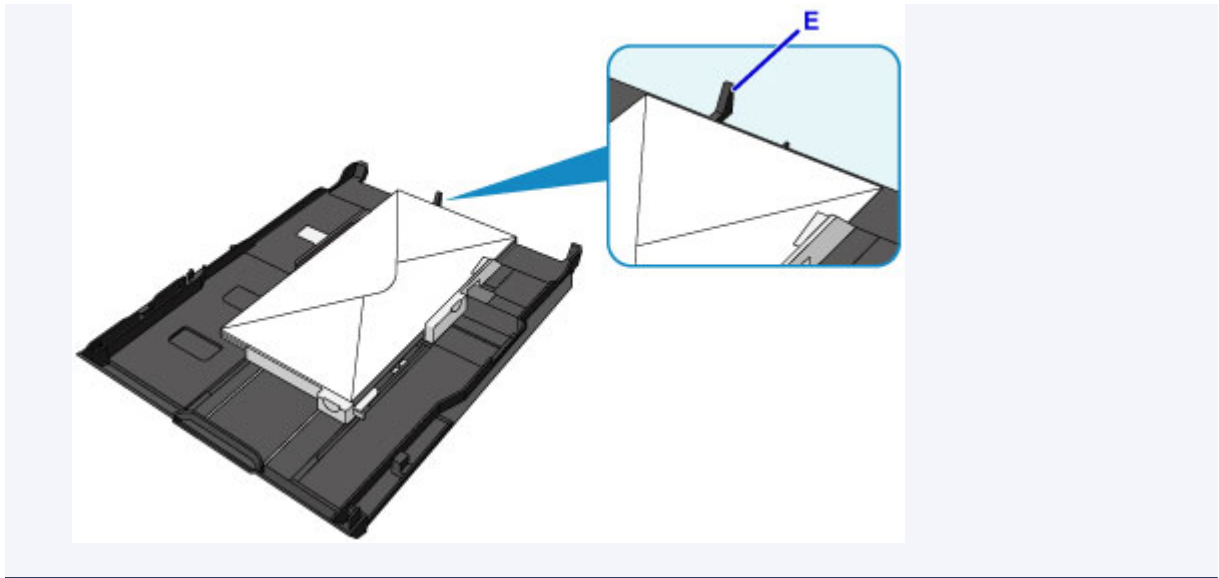
D: Address side

Up to 10 envelopes can be loaded at once.



▶▶ Note

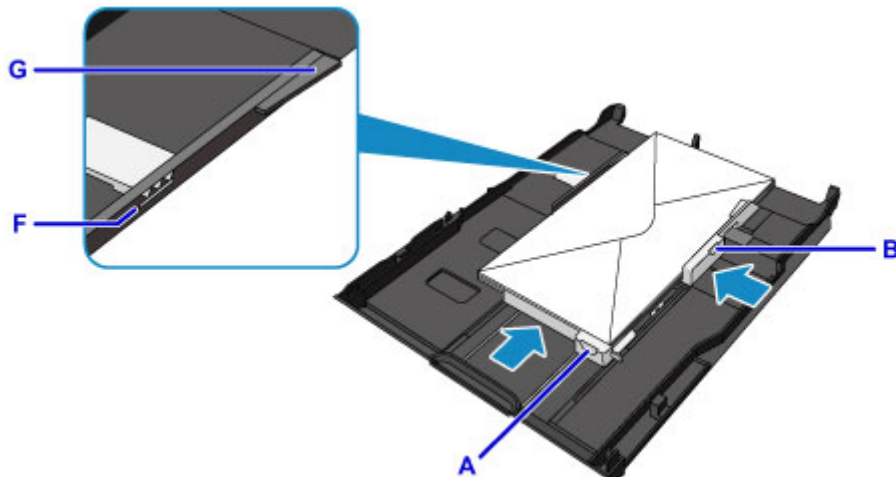
- Align the envelope stack with the edge of the cassette 2 as shown in the figure below.
If the envelopes are in contact with the protrusion (E), the envelopes may not be fed properly.



5. Align the paper guide (A) in front with the envelopes.

6. Slide the paper guide (B) on the right to align the right and left guides with both sides of the envelopes.

Do not slide the paper guides too hard against the envelopes. The envelopes may not be fed properly.



▶▶▶ Note

- Do not load envelopes higher than the load limit mark (F).
- Keep the envelope stack height below tabs (G) of the paper guides.

7. Insert the cassette 2 into the machine.

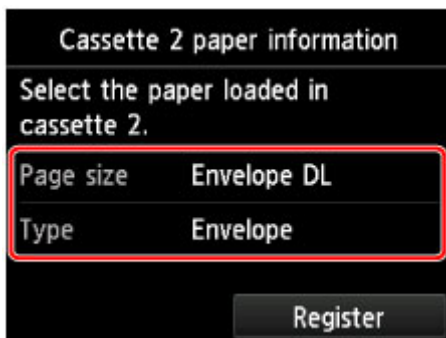
Push the cassette 2 into the machine until it stops.

After inserting the cassette into the machine, the paper information registration screen for the cassette is displayed on the touch screen.



8. Select the size and type of the loaded envelopes in the cassette 2 at **Page size** and **Type**, then tap **Register**.

■ [Paper Settings](#)



9. Holding both sides of the paper output tray (H), gently open it.

The output tray extension opens automatically when the paper output tray is opened.

10. Extend the paper output support (I).



▶▶▶ **Note**

- When printing, select the size and type of the loaded envelopes on the print settings screen of the printer driver.

Placing a Printable Disc

- ▶ **Cautions When Printing on a Printable Disc**
- ▶ **Before Placing a Printable Disc**
- ▶ **Placing a Printable Disc**
- ▶ **Removing a Printable Disc**
- ▶ **How to Detach / Attach the Disc Tray**

Cautions When Printing on a Printable Disc

- Be sure to use the disc tray supplied with this machine. It has a "J" on the upper side.
- Do not print on printable discs that are not compatible with inkjet printing. The ink will not dry and may cause problems with the disc itself or devices which the disc is loaded onto.
- Do not print on the printable discs' recording surface. Doing so will make data recorded on discs unreadable.
- Hold the printable discs by their edges. Do not touch either the label surface (printing surface) or recording surface.
- Remove any dirt from the disc tray before placing printable discs on the disc tray. Loading discs in a dirty disc tray may scratch the recording surface of the discs.
- After printing, allow the printing surface of the disc to dry naturally. Do not use hairdryers or expose the disc to direct sunlight to dry the ink. Do not touch the printing surface until the ink has dried.
- Do not attach the disc tray while the machine is in operation.
- Do not remove the disc tray while printing on printable discs. Doing so may damage the machine, the disc tray, or the disc.
- Do not get dirt or scratches on the reflectors of the disc tray. The machine may not be able to recognize loading of the printable disc, or printing may become misaligned. If the reflectors on the disc tray become dirty, wipe the reflector clean with a soft and dry cloth, taking care not to scratch the plate.
- The disc tray may become dirty if software other than My Image Garden is used.
- Always close the disc tray guide after printing on printable discs.
- To keep the print quality at an optimal level, it is recommended to stop printing discs once every ten discs when printing more than ten discs continuously.

To stop the printing operation, detach the disc tray from the machine, then close the disc tray guide. After approximately three minutes have elapsed, open the disc tray guide, attach the disc tray to the machine, then resume printing.

Before Placing a Printable Disc

The following items are needed to print onto the printable disc:

- disc tray (supplied with the machine)



* Use the disc tray with "J" on the surface.

The disc tray is attached in the back of the cassette 1.

■ [How to Detach / Attach the Disc Tray](#)

- 4.72 inches (12 cm) printable disc



Obtain a printable disc with a label surface compatible with inkjet printing.

▶▶ Note

- A "printable disc" differs from regular disc (BD/DVD/CD, etc.) in that its label surface has been specially processed to be printed on by an inkjet printer.

Placing a Printable Disc

To print onto a printable disc, place it on the disc tray supplied with the machine, then insert it into the machine.

This procedure also applies to printing from a computer.

▶▶▶ Important

- Do not attach the disc tray until the message asking you to load the printable disc is displayed. Doing so can damage the machine.

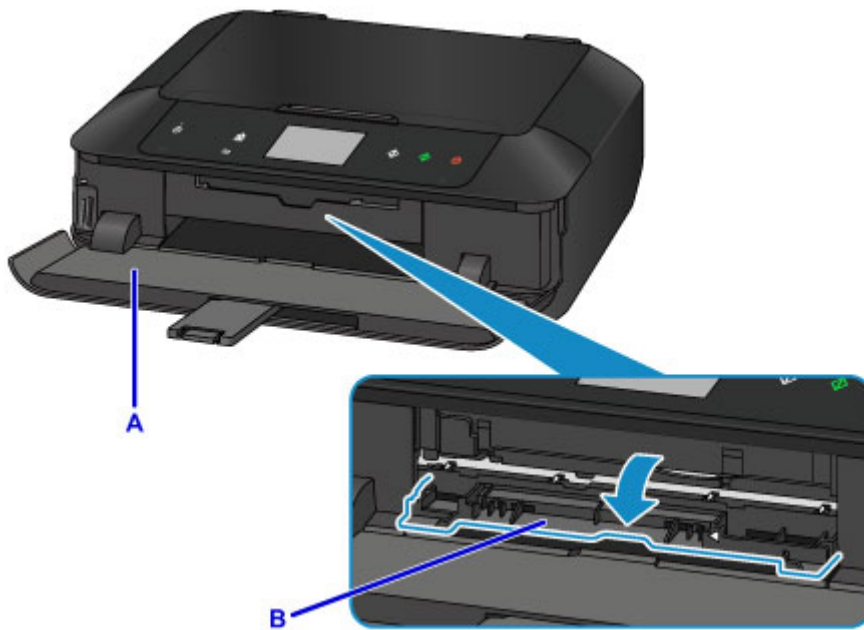
1. Detach the disc tray from the cassette 1.

■ [How to Detach / Attach the Disc Tray](#)

▶▶▶ Note

- If a message is displayed on the screen after inserting the cassette into the machine, tap **OK**.

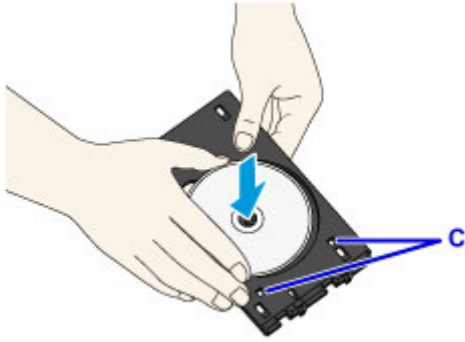
2. Holding both sides of the paper output tray (A), gently open it.
3. When the message asking you to load the printable disc is displayed, open the disc tray guide (B) and push it down all the way to the bottom.



4. Place the printable disc with the printable surface facing up.

▶▶▶ Important

- Make sure that there is no dirt on the disc tray before placing a printable disc on the disc tray.
- When placing a printable disc on the disc tray, do not touch the printing surface of the disc or the reflectors (C) on the disc tray.



5. Place the disc tray on the disc tray guide.

▶▶▶ Note

- The disc tray may be ejected after a specified period of time has elapsed. In this case, follow the on-screen instructions to attach the disc tray.

6. Insert the disc tray straight until the arrow (◀) on the disc tray guide is almost aligned with the arrow (▶) on the disc tray.

▶▶▶ Important

- Do not insert the disc tray beyond the arrow (◀) on the disc tray guide.



Removing a Printable Disc

1. Pull out the disc tray.



2. Close the disc tray guide.

▶▶▶ Important

- If the disc tray guide is opened, you cannot print on paper as it will not feed properly. Make sure that the disc tray guide is closed.



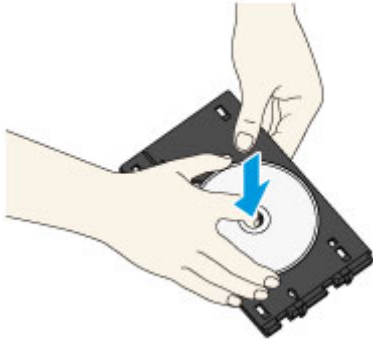
3. Remove the printable disc from the disc tray.

▶▶▶ Important

- Do not touch the printing surface when removing the disc from the disc tray.

▶▶▶ Note

- Dry the printing surface sufficiently before removing the disc. If you see printing on the disc tray or the transparent parts on inner or outer diameter of the printable disc, wipe them off after the printing surface has dried.



4. Close the paper output tray.
5. Attach the disc tray onto the cassette 1.

■ [How to Detach / Attach the Disc Tray](#)

▶▶▶ **Note**

- If a message is displayed on the screen after inserting the cassette into the machine, tap **OK**.

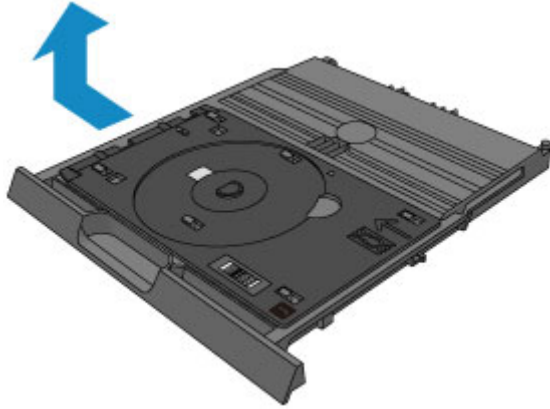
How to Detach / Attach the Disc Tray

Detaching the disc tray

Slide the disc tray to the side on the back of the cassette 1 and raise it to detach.

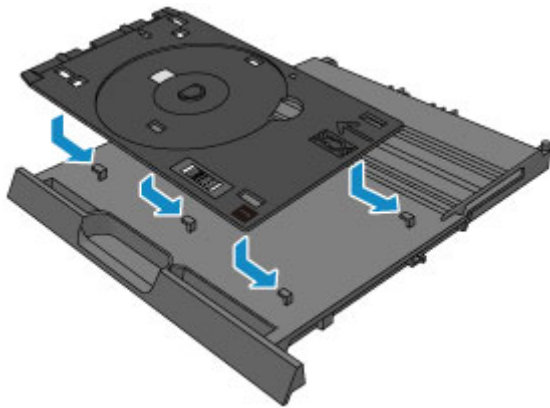
▶▶▶ Important

- Be sure to remove all orange shipping tapes on the disc tray.



Attaching the disc tray

Align the holes of the disc tray with the hooks on the back of the cassette 1 and slide it to attach.



▶▶▶ Important

- Be sure to align each hole of the disc tray with its corresponding hook on the back of the cassette 1. If the disc tray is not attached properly, the disc tray may be damaged during insertion of the cassette 1 into the machine.

Loading Originals

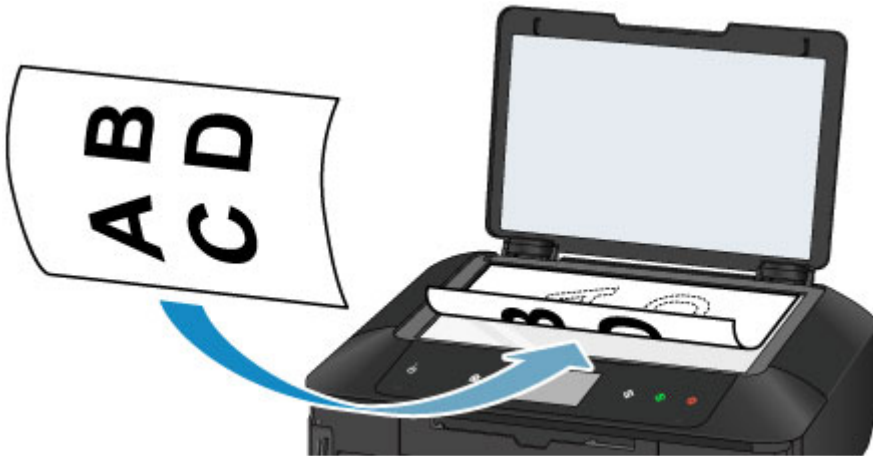
- ▶ **Loading Originals on the Platen Glass**
- ▶ **How to Load Originals for Each Function**
- ▶ **Originals You Can Load**
- ▶ **How to Detach / Attach the Document Cover**

Loading Originals on the Platen Glass

1. Open the document cover.
2. Load the original WITH THE SIDE TO SCAN FACING DOWN on the platen glass.

■ [Originals You Can Load](#)

■ [How to Load Originals for Each Function](#)

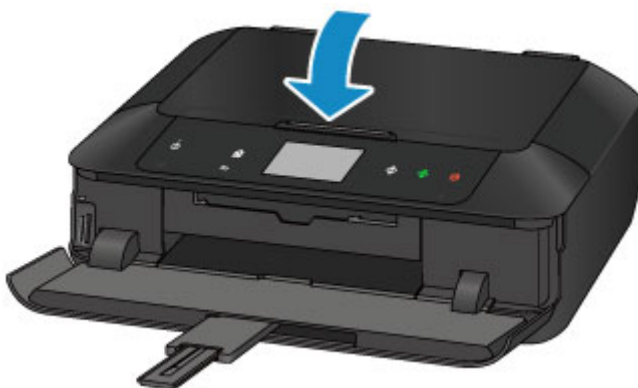


▶▶▶ Important

- Be sure to observe the following when loading the original on the platen glass.
 - Do not place any objects weighing 4.4 lb (2.0 kg) or more on the platen glass.
 - Do not put any pressure of 4.4 lb (2.0 kg) or more on the platen glass, such as pressing down the original.

Failure to observe the above may cause the scanner to malfunction or the platen glass to break.

3. Close the document cover gently.



▶▶▶ Important


- After loading the original on the platen glass, be sure to close the document cover before starting to copy or scan.

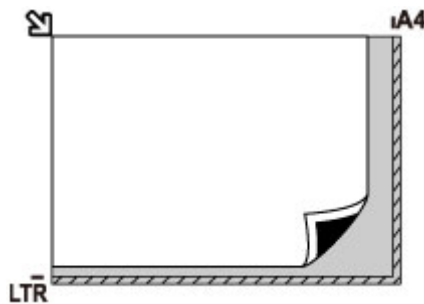
How to Load Originals for Each Function

Load the original in the correct position according to the function to use. If you do not load the original correctly, it may not be scanned properly.

Loading the Original to Be Aligned with the alignment mark

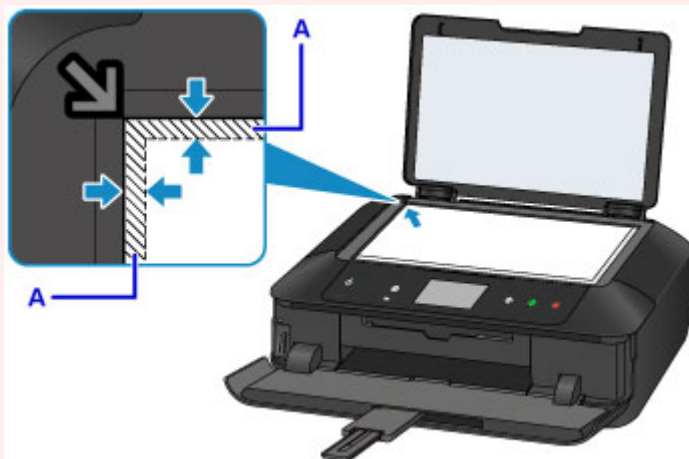
- Load originals to copy
- In **Scan**,
 - select **Auto scan** for **Doc.type** to scan text documents, magazines, or newspapers
 - select **Document** or **Photo** for **Doc.type** and specify a standard size (A4, Letter, etc.) for **Scan size** to scan originals
- With a software application on a computer,
 - scan text documents, magazines, or newspapers
 - select a standard size (A4, Letter, etc.) to scan originals

Place the original WITH THE SIDE TO SCAN FACING DOWN on the platen glass and align it with the alignment mark . Portions placed on the diagonally striped area cannot be scanned.



Important

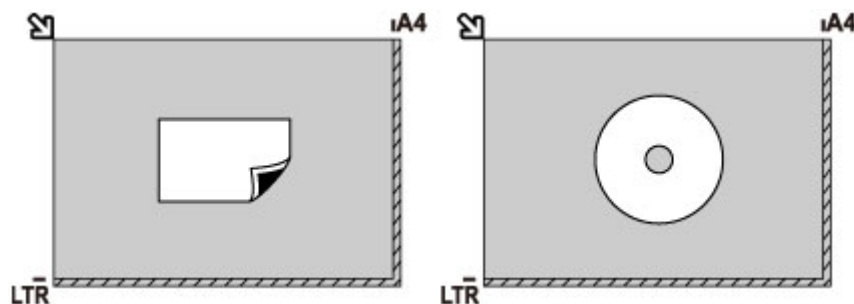
- The machine cannot scan the striped area (A) (0.04 inch (1 mm) from the edges of the platen glass).



Loading Only One Original in the Center of the platen glass

- Scan only one disc in Copy label to disc label
- Scan only one printed photo in **Photo copy**
- In **Scan**,
 - select **Auto scan** for **Doc.type** to scan one printed photo, postcard, business card, or disc
 - select **Photo** for **Doc.type** and specify **Auto scan** for **Scan size** to scan one original

Place the original WITH THE SIDE TO SCAN FACING DOWN, with 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen glass. Portions placed on the diagonally striped area cannot be scanned.

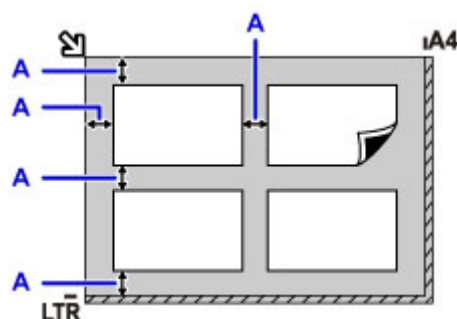


Loading Two or More Originals on the platen glass

- Scan two or more printed photos in **Photo copy**
- In **Scan**,
 - select **Auto scan** for **Doc.type** to scan two or more printed photos, postcards, or business cards
 - select **Photo** for **Doc.type** and specify **Auto multi scan** for **Scan size** to scan two or more originals
- Scan two or more printed photos, postcards, or business cards with a software application on a computer

Place the originals WITH THE SIDE TO SCAN FACING DOWN. Allow 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen glass and the originals, and between the originals. Portions placed on the diagonally striped area cannot be scanned.

You can place up to 12 items.



A: More than 0.4 inch (1 cm)

►► Note

- The Skew Correction function automatically compensates for the originals placed at an angle of up to approximately 10 degrees. Slanted photos with a long edge of 7.1 inches (180 mm) or more cannot be corrected.
- Non-rectangular or irregular shaped photos (such as cut out photos) may not be scanned properly.

Originals You Can Load

Item	Details
Types of originals	- Text document, magazine, or newspaper - Printed photo, postcard, business card, or disc (BD/DVD/CD, etc.)
Size (width x height)	Max. 8.5 x 11.7 inches (216 x 297 mm)

▶▶▶ Note

- When loading a thick original such as a book on the platen glass, you can load it by removing the document cover from the machine.

■ [How to Detach / Attach the Document Cover](#)

How to Detach / Attach the Document Cover

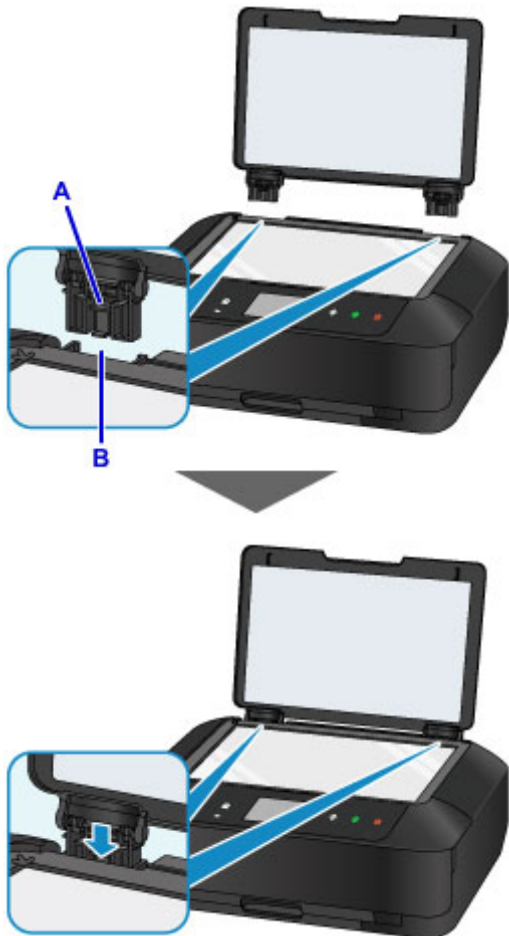
Detaching the document cover:

Hold up the document cover vertically and then tip it back.



Attaching the document cover:

Fit both hinges (A) of the document cover into the holder (B) and insert both hinges of the document cover vertically as illustrated below.



Inserting the Memory Card

- ▶ **Before Inserting the Memory Card**
- ▶ **Inserting the Memory Card**
- ▶ **Removing the Memory Card**

Before Inserting the Memory Card

The following types of memory cards and image data are compatible with the machine.

▶▶▶ Important

- If you took and saved photos on a type of memory card that does not guarantee the operation on your PictBridge (Wireless LAN) compliant device, the image data may be unreadable on the machine or damaged. For information on memory cards that your PictBridge (Wireless LAN) compliant device guarantees operation, refer to the instruction manual supplied with your PictBridge (Wireless LAN) compliant device.
- Format the memory card using a digital camera compliant with the Design rule for Camera File system (Exif 2.2/2.21/2.3 compliant), TIFF (Exif 2.2/2.21/2.3 compliant). The memory card may not be compatible with the machine if it is formatted on a computer.

Memory Cards that Do Not Require a Card Adapter

- SD Secure Digital memory card, SDHC memory card



- Memory Stick Duo, Memory Stick PRO Duo



Memory Cards that Require a Card Adapter

Be sure to attach the special card adapters to the following memory cards before inserting into the card slot.

- miniSD Card, miniSDHC Card

Use the special "SD Card Adapter".



- microSD Card, microSDHC Card

Use the special "SD Card Adapter".



- Memory Stick Micro

Use the special Duo size adapter.



▶▶▶ Important

- If one of the following memory cards is inserted without the card adapter, you may not be able to remove the memory card.

■ [Cannot Remove Memory Card](#)

Printable Image Data

- This machine accepts images taken with a camera compliant with the Design rule for Camera File system (Exif 2.2/2.21/2.3 compliant), TIFF (Exif 2.2/2.21/2.3 compliant). Other image or movie types such as RAW images cannot be printed.
- The machine accepts images scanned and saved with the machine when **Doc.type** is set to **Photo** and **Format** is set to **JPEG** (file extension ".jpg").

»» Note

- This device incorporates exFAT technology licensed from Microsoft.

Inserting the Memory Card

▶▶▶ Important

- When a memory card is inserted into the card slot, the **Access** lamp is lit. When the **Access** lamp is flashing, the machine is accessing the memory card. In this case, do not touch the area around the card slot.

▶▶▶ Note

- When **Read/write attribute** is set to **Writable from USB PC**, you cannot print image data from the memory card using the operation panel of the machine. After using the card slot as the memory card drive of a computer, remove the memory card, select **Device user settings** in **Device settings**, then set **Read/write attribute** to **Not writable from PC**.

■ [Setting Up Card Slot as Memory Card Drive of Computer](#)

- When you use a computer to edit or enhance photos saved on a memory card, be sure to print them from the computer. If you use the operation panel, the photos may not be printed properly.

1. Prepare your memory card.

Attach a special card adapter if your memory card requires one.

■ [Before Inserting the Memory Card](#)

2. Turn on the power, then, holding both sides of the paper output tray, gently open it.



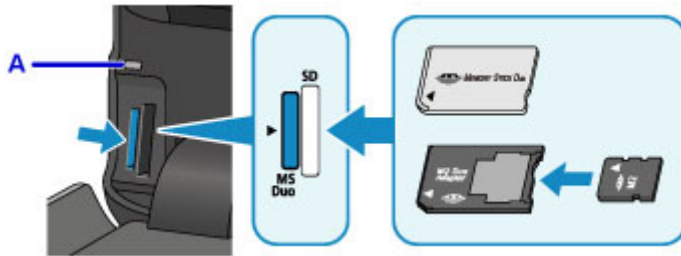
3. Insert only one memory card into the card slot.

The location to insert a memory card varies depending on each type of memory card. Insert your memory card straightforward WITH THE LABELED SIDE FACING TO THE LEFT into the card slot, according to the insert location in the figure below.

When the memory card is inserted properly, the **Access** lamp (A) will light up.

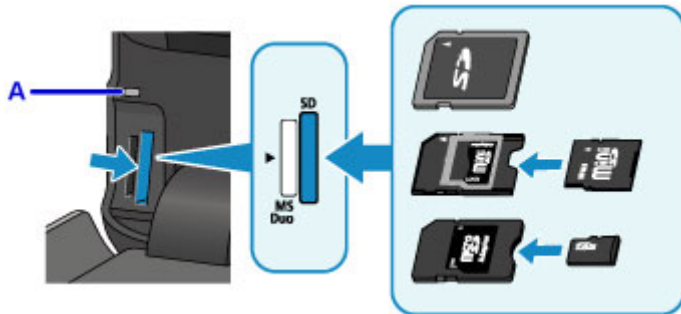
Insert the following types of memory cards into the left card slot:

- Memory Stick Duo, Memory Stick PRO Duo
- Memory Stick Micro (with the Duo size adapter)*



Insert the following types of memory cards into the right card slot:

- SD Secure Digital memory card, SDHC memory card
- miniSD Card*, miniSDHC Card*
- microSD Card*, microSDHC Card*



* Be sure to attach the card adapter to the memory card before inserting to the card slot.

►► Important

- Part of the memory card will protrude from the card slot, but do not force it into the slot any further. This can damage the machine or the memory card.
- Make sure that the memory card is correctly oriented before inserting it into the card slot. If you force the memory card into the card slot in the wrong orientation, the memory card or the machine can be damaged.
- Do not insert more than one memory card at a time.

4. Close the paper output tray.

Removing the Memory Card

▶▶ Important

- If you used the card slot as the memory card drive of a computer, you must perform the "safe removal" operation on your computer before physically removing the memory card from the machine.

■ [Setting Up Card Slot as Memory Card Drive of Computer](#)

1. Holding both sides of the paper output tray, gently open it.
2. Make sure that the **Access** lamp is lit, and remove the memory card.

Hold the part of the memory card that is protruding and remove it straightforward from the machine.

▶▶ Important

- Do not remove the memory card while the **Access** lamp is flashing. The **Access** lamp flashes while the machine is reading or writing data from/to the memory card. If you remove the memory card or turn off the power while the **Access** lamp is flashing, the data saved on the memory card can be damaged.

3. Close the paper output tray.

Replacing Ink

- ▶ [Replacing Ink](#)
- ▶ [Checking Ink Status](#)

Replacing Ink

When remaining ink cautions or errors occur, the message will appear on the touch screen to inform you of the error. Take appropriate action according to the message.

■ [Message Appears](#)

▶▶▶ Note

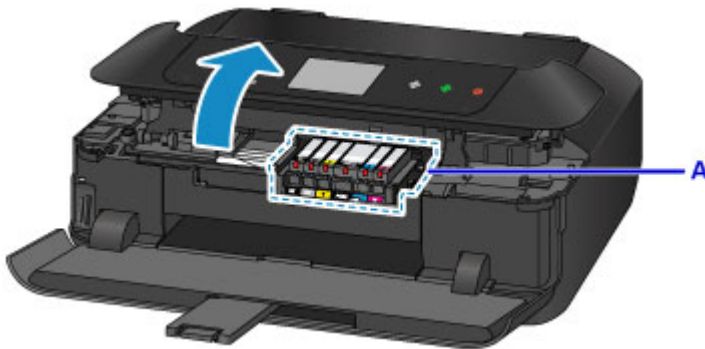
- If print results become faint or white streaks appear despite sufficient ink levels, see [Maintenance Procedure](#).
- For precautionary notes on handling ink tanks, see [Notes on ink tanks](#).

Replacing Procedure

When you need to replace an ink tank, follow the procedure below.

1. Make sure that the power is turned on, then, holding both sides of the paper output tray, gently open it.
2. Lift the operation panel and open until it stops.

The print head holder (A) moves to the replacement position.



⚠ Caution

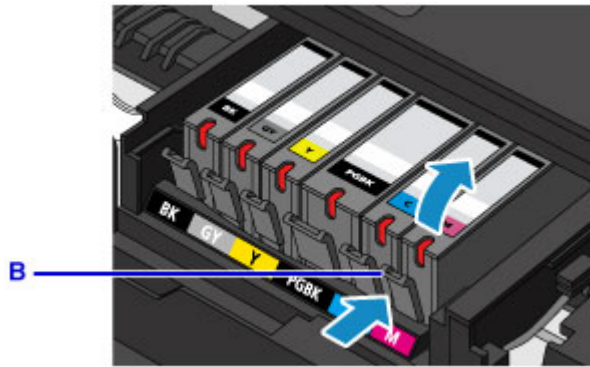
- Do not hold the print head holder to stop or move it forcibly. Do not touch the print head holder until it stops completely.

▶▶▶ Important

- When opening or closing the operation panel, do not touch the buttons and touch screen on the operation panel. Doing so may result in an unexpected operation.
- Do not touch the metallic parts or other parts inside the machine.
- If the operation panel is left open for more than 10 minutes, the print head holder moves to the right. In this case, close and reopen the operation panel.

3. Remove the ink tank with the lamp flashing fast.

Push the tab (B) and lift the ink tank to remove.



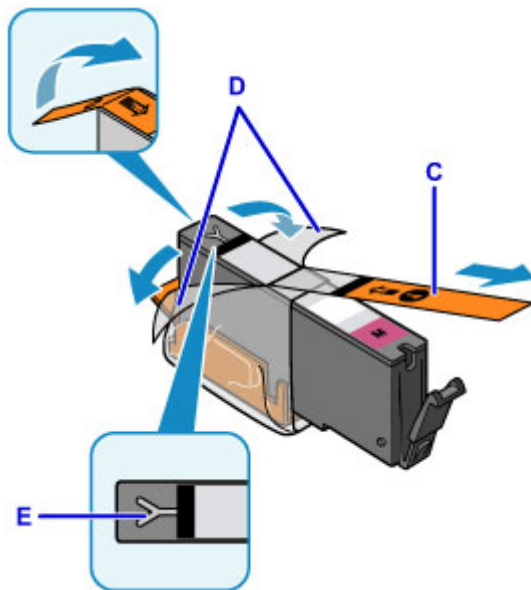
Important

- Do not touch other parts besides the ink tanks.
- Handle the ink tank carefully to avoid staining of clothing or the surrounding area.
- Discard the empty ink tank according to the local laws and regulations regarding disposal of consumables.

Note

- Do not remove two or more ink tanks at the same time. Be sure to replace ink tanks one by one when replacing two or more ink tanks.
- For details on ink lamp flashing speed, see [Checking the Ink Status with the Ink Lamps](#).

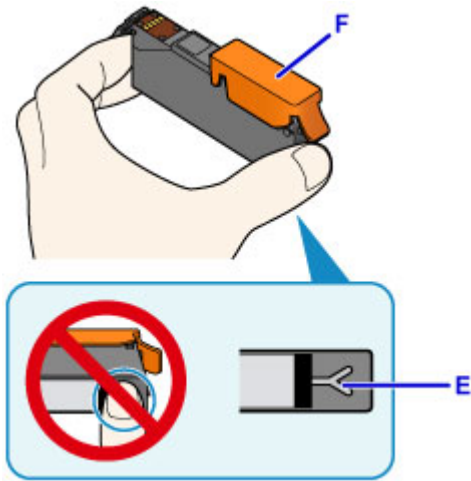
4. Take a new ink tank out of its package, remove the orange tape (C) completely, then remove the protective film (D) completely.



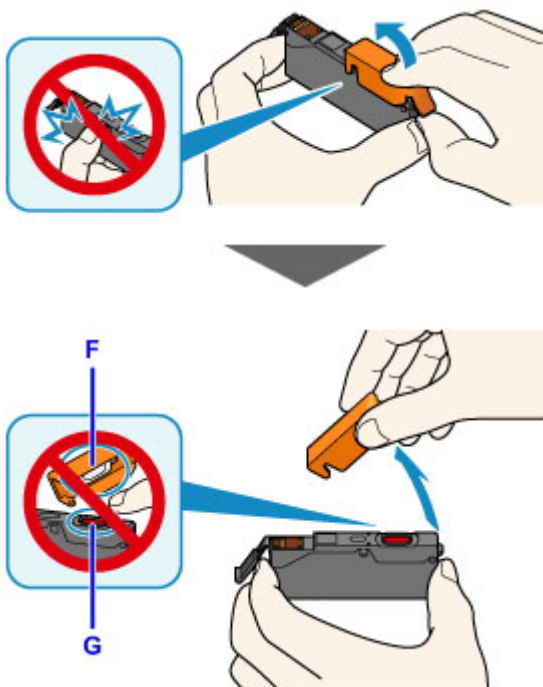
Important

- Handle an ink tank carefully. Do not drop or apply excessive pressure to it.
- If the orange tape remains on the Y-shape air hole (E), ink may splash or the machine may not print properly.

5. Hold the ink tank with the orange protective cap (F) pointing up while being careful not to block the Y-shape air hole (E).



6. Lift up the tab on the orange protective cap (F) to remove it off GENTLY.

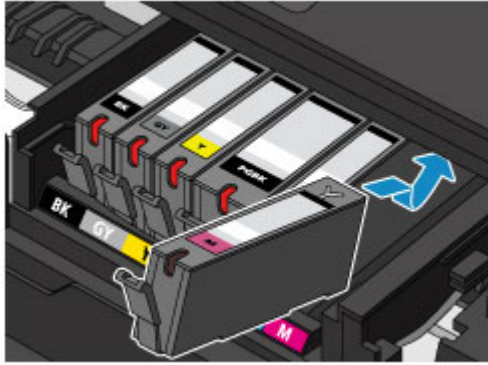


»» Important

- Do not push the sides of the ink tank. If you push the sides of the ink tank with the Y-shape air hole (E) blocked, ink may splash.
- Do not touch the inside of the orange protective cap (F) or the open ink port (G). The ink may stain your hands if you touch them.
- Do not reattach the protective cap (F) once you have removed it. Discard it according to the local laws and regulations regarding disposal of consumables.

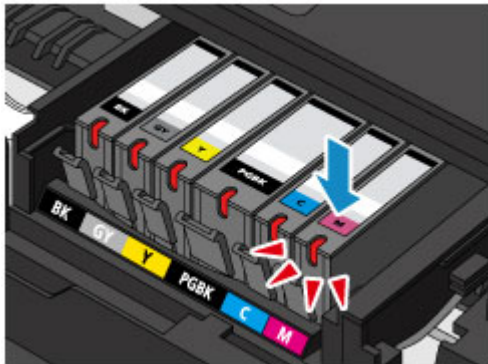
7. Insert the front end of the ink tank into the print head at a slant.

Make sure that the position of the ink tank matches the label.



8. Press on the top of the ink tank until the ink tank snaps firmly into place.

Make sure that the ink lamp lights up.

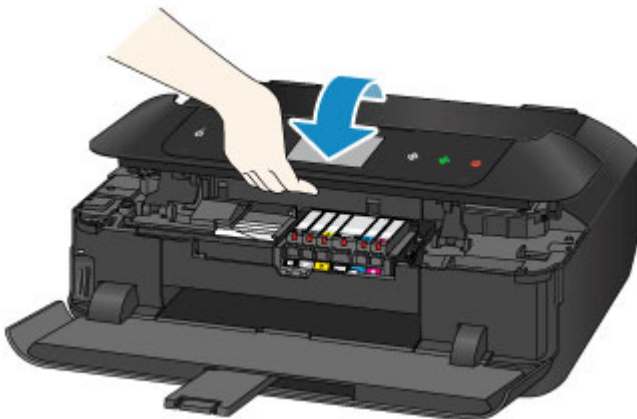


►► Important

- You cannot print if the ink tank is installed in the wrong position. Be sure to install the ink tank in the correct position according to the label on the print head holder.
- You cannot print unless all the ink tanks are installed. Be sure to install all the ink tanks.

9. Close the operation panel gently.

If a message is displayed on the screen, tap **OK**.



⚠ Caution

- When closing the operation panel, be careful not to get your fingers caught.

»» Important

- When opening or closing the operation panel, do not touch the buttons and touch screen on the operation panel. Doing so may result in an unexpected operation.

»» Note

- If the error message appears after the operation panel is closed, take appropriate action.
 - [Message Appears](#)
- When you start printing after replacing the ink tank, the machine starts cleaning the print head automatically. Do not perform any other operations until the machine completes the cleaning of the print head.
- If the print head is out of alignment, as indicated by misaligned printed ruled lines or similar symptoms, [align the print head](#).
- The machine may make noise during operation.

Notes on ink tanks

»» Important

- If you remove an ink tank, replace it immediately. Do not leave the machine with the ink tank removed.
- Use a new ink tank for replacement. Installing a used ink tank may cause the nozzles to clog. Furthermore, with such an ink tank, the machine will not be able to inform you when to replace the ink tank properly.
- Once an ink tank has been installed, do not remove it from the machine and leave it out in the open. This will cause the ink tank to dry out, and the machine may not operate properly when it is reinstalled. To maintain optimal printing quality, use an ink tank within six months of first use.

»» Note

- Color ink may be consumed even when printing a black-and-white document or when black-and-white printing is specified. Every ink is also consumed in the standard cleaning and deep cleaning of the print head, which may be necessary to maintain the performance of the machine.

When an ink tank is out of ink, replace it immediately with a new one.

■ [Ink Tips](#)

Checking Ink Status

- ▶ [Checking the Ink Status with the Touch Screen on the Machine](#)
- ▶ [Checking the Ink Status with the Ink Lamps](#)


You can also check the ink status on the computer screen.

- ▶ [Checking the Ink Status from Your Computer \(Windows\)](#)
- ▶ [Checking the Ink Status from Your Computer \(Mac OS\)](#)

Checking the Ink Status with the Touch Screen on the Machine

1. Make sure that the power is turned on, and display the HOME screen.

If the HOME screen is not displayed, touch the **HOME** button to display it.

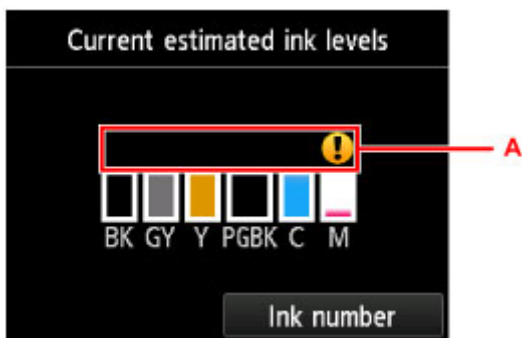
2. Flick the HOME screen, then tap  **Setup**.

■ [Using the Operation Panel](#)

The setup menu screen will appear.

3. Tap  **Estimated ink levels**.

A symbol appears in the area A if there is any information about the remaining ink level.



Example: 

The ink is running low. Prepare a new ink tank.

The resulting print quality may not be satisfactory, if printing is continued under this condition.

▶▶▶ Note

- The above screen shows estimated ink levels.
- Tapping **Ink number** displays the **Ink number** screen for checking ink numbers. Tapping **Print no.** on this screen enables you to print ink numbers. Tapping **Order ink now** displays the QR code for accessing the ink purchasing site. Cost of connecting to Internet is to be born by the customer.
- You can also check the ink status on a screen of the touch screen displayed while printing.
- You can also check the ink status on the computer screen.

■ [Checking the Ink Status from Your Computer \(Windows\)](#)

■ [Checking the Ink Status from Your Computer \(Mac OS\)](#)

Checking the Ink Status with the Ink Lamps

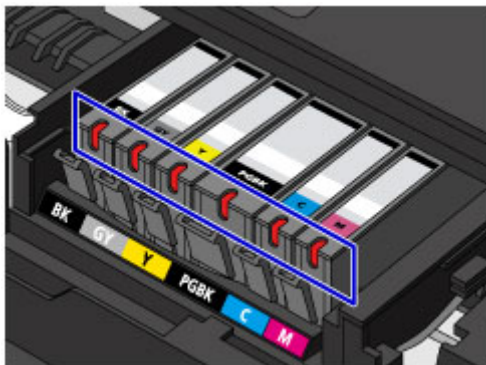
1. Make sure that the power is turned on, then, holding both sides of the paper output tray, gently open it.
2. Lift the operation panel and open until it stops.

■ [Replacing Procedure](#)

3. Check the ink lamp.

Close the operation panel after checking the ink lamp status.

■ [Replacing Procedure](#)



- The ink lamp is on.
The ink tank is correctly installed.
- The ink lamp is flashing.

Flashing slowly (at around 3-second intervals)



The ink is running low. Prepare a new ink tank.

The resulting print quality may not be satisfactory, if printing is continued under this condition.

Flashing fast (at around 1-second intervals)



- The ink tank is installed in the wrong position.

Or

- The ink has run out.

Make sure that the ink tank is installed in the correct position as indicated by the label on the print head holder. If the position is correct but the lamp flashes, there has been an error and the machine cannot print. Check the error message displayed on the touch screen.

■ [Message Appears](#)

- The ink lamp is off.

The ink tank is not installed properly or the function for detecting the remaining ink level is disabled. If the ink tank is not firmly in place, make sure that the orange protective cap has been removed from the bottom of the ink tank, then press on the top of the ink tank until the ink tank clicks into place.

If the ink lamp is still off after reinstalling the ink tank, there has been an error and the machine cannot print. Check the error message displayed on the touch screen.

■ [Message Appears](#)

▶▶▶ Note

- You can also check the ink status on the computer screen.
 - [Checking the Ink Status from Your Computer \(Windows\)](#)
 - [Checking the Ink Status from Your Computer \(Mac OS\)](#)

Maintenance

- ▶ **If Printing Is Faint or Uneven**
- ▶ **Performing Maintenance Functions from Your Computer (Windows)**
- ▶ **Performing Maintenance Functions from Your Computer (Mac OS)**
- ▶ **Cleaning**

If Printing is Faint or Uneven

- **Maintenance Procedure**
- **Printing the Nozzle Check Pattern**
- **Examining the Nozzle Check Pattern**
- **Cleaning the Print Head**
- **Cleaning the Print Head Deeply**
- **Aligning the Print Head**
- **Aligning the Print Head Manually**

Maintenance Procedure

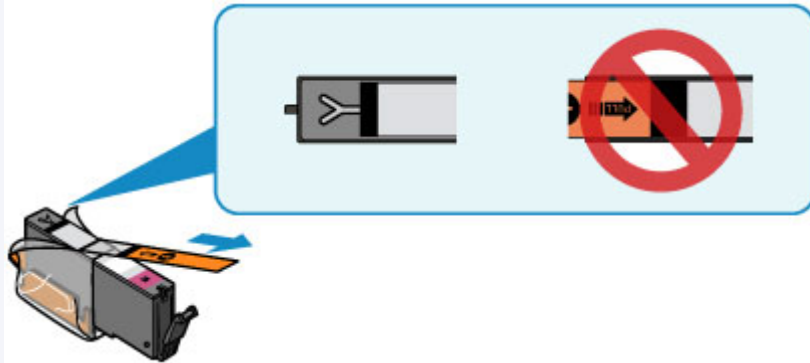
If print results are blurred, colors are not printed correctly, or print results are unsatisfactory (e.g. misaligned printed ruled lines), perform the maintenance procedure below.

▶▶▶ Important

- Do not rinse or wipe the print head and ink tank. This can cause trouble with the print head and ink tank.

▶▶▶ Note

- Make sure that the orange protective tape does not remain on the ink tank.



- Open the operation panel and make sure that the lamp on the ink tank is lit. If the lamp is flashing or off, take appropriate action.
 - [Checking the Ink Status with the Ink Lamps](#)
- Increasing the print quality in the printer driver settings may improve the print result.
 - [Changing the Print Quality and Correcting Image Data \(Windows\)](#)
 - [Changing the Print Quality and Correcting Image Data \(Mac OS\)](#)

When the Print Results Are Blurred or Uneven:

|| Step1 | Print the nozzle check pattern.

From the machine

- [Printing the Nozzle Check Pattern](#)

From the computer

- [Printing a Nozzle Check Pattern \(Windows\)](#)
- [Printing a Nozzle Check Pattern \(Mac OS\)](#)

|| Step2 | [Examine the nozzle check pattern.](#)

If there are missing lines or horizontal white streaks in the pattern:



|| Step3 | Clean the print head.

From the machine

- [Cleaning the Print Head](#)

From the computer

- [Cleaning the Print Heads \(Windows\)](#)
- [Cleaning the Print Heads \(Mac OS\)](#)

After cleaning the print head, print and examine the nozzle check pattern: ➔ [Step1](#)

If the problem is not resolved after performing from step 1 to step 3 twice:



Step4 Clean the print head deeply.

From the machine

- [Cleaning the Print Head Deeply](#)

From the computer

- [Cleaning the Print Heads \(Windows\)](#)
- [Cleaning the Print Heads \(Mac OS\)](#)

▶▶▶ Note

- When you have performed the procedure until step 4 and the problem has not been resolved, turn off the power and clean the print head deeply again after 24 hours.

If the problem is still not resolved, the print head may be damaged. Contact the service center.

When the Print Results Are Not Even such as the Ruled Lines Are Misaligned:

Step Align the print head.

From the machine

- [Aligning the Print Head](#)

From the computer

- [Aligning the Print Head Position \(Windows\)](#)
- [Aligning the Print Head Position \(Mac OS\)](#)

Printing the Nozzle Check Pattern

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzle.

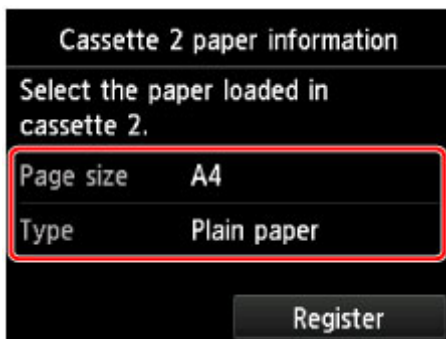
▶▶▶ Note

- If the remaining ink level is low, the nozzle check pattern will not be printed correctly. [Replace the ink tank](#) whose ink is low.

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. Make sure that the power is turned on.
2. Load a sheet of A4 or Letter-sized plain paper in the cassette 2.

After inserting the cassette into the machine, the paper information registration screen is displayed on the touch screen. Select **A4** or **Letter** for **Page size** and **Plain paper** for **Type**, then tap **Register**.



If a message is displayed on the screen, follow the directions in the message to complete registration.

3. Holding both sides of the paper output tray, gently open it.
The output tray extension will open automatically when the paper output tray is opened.
4. Extend the paper output support.

▶▶▶ Important

- If the disc tray guide is open, be sure to close it.

5. Flick the HOME screen, then tap  **Setup**.

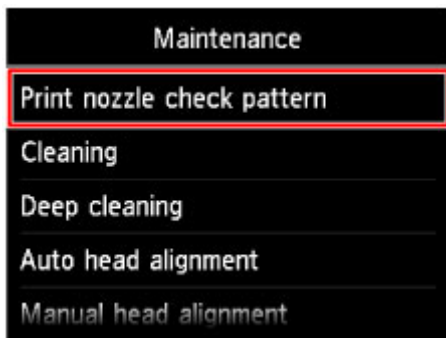
■ [Using the Operation Panel](#)

The setup menu screen will appear.

6. Tap  **Maintenance**.

The **Maintenance** screen will appear.

7. Tap **Print nozzle check pattern**.



The confirmation screen will appear.

8. Tap **Yes**.

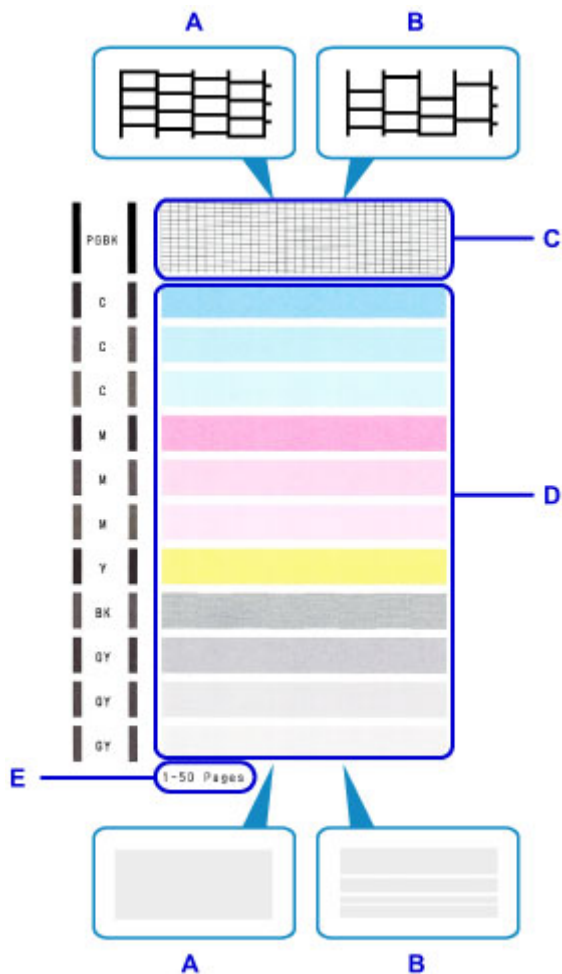
The nozzle check pattern will be printed and two pattern confirmation screens will appear on the touch screen.

9. [Examine the nozzle check pattern](#).

Examining the Nozzle Check Pattern

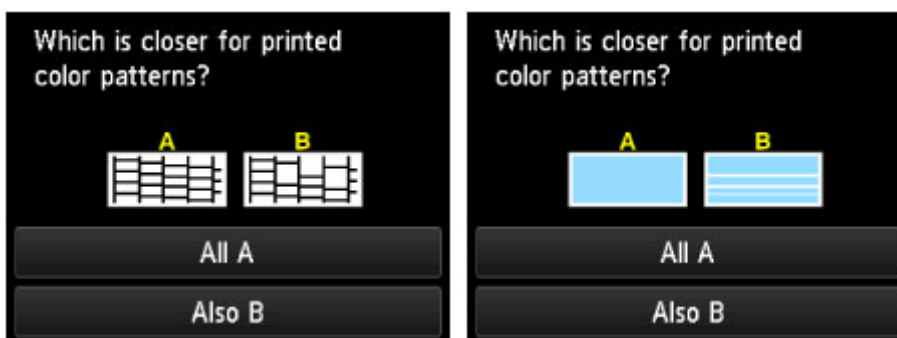
Examine the nozzle check pattern, and clean the print head if necessary.

1. Check if there are missing lines in the pattern C or horizontal white streaks in the pattern D.



- A: No missing lines/No horizontal white streaks
- B: Lines are missing/Horizontal white streaks are present
- E: Number of sheets printed so far

2. Select the pattern that is closer to the printed nozzle check pattern on the confirmation screen.



For A (no missing lines or no horizontal white streaks) in both the pattern C and pattern D:

The cleaning is not required. Tap **All A**, confirm the message, then tap **OK**.

The screen will return to the **Maintenance** screen.

For B (lines are missing or horizontal white streaks are present) in the pattern C or pattern D, or in both patterns:

The cleaning is required. Tap **Also B**, then tap **Yes** on the cleaning confirmation screen.

The machine starts cleaning the print head.

■ [Cleaning the Print Head](#)

»» Note

- The total number of sheets printed so far is shown in increments of 50 sheets on the printout of the nozzle check pattern.

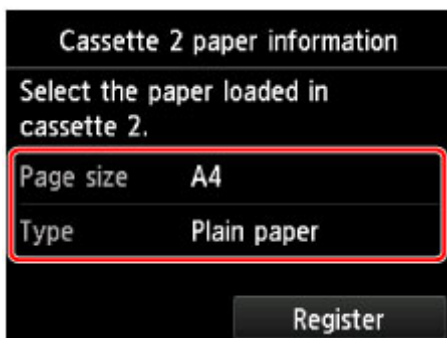
Cleaning the Print Head

Clean the print head if lines are missing or if horizontal white streaks are present in the printed nozzle check pattern. Cleaning unclogs the nozzles and restores the print head condition. Cleaning the print head consumes ink, so clean the print head only when necessary.

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. Make sure that the power is turned on.
2. Load a sheet of A4 or Letter-sized plain paper in the cassette 2.

After inserting the cassette into the machine, the paper information registration screen is displayed on the touch screen. Select **A4** or **Letter** for **Page size** and **Plain paper** for **Type**, then tap **Register**.



If a message is displayed on the screen, follow the directions in the message to complete registration.

3. Holding both sides of the paper output tray, gently open it.

The output tray extension will open automatically when the paper output tray is opened.

4. Extend the paper output support.

»» Important

- If the disc tray guide is open, be sure to close it.

5. Flick the HOME screen, then tap  **Setup**.

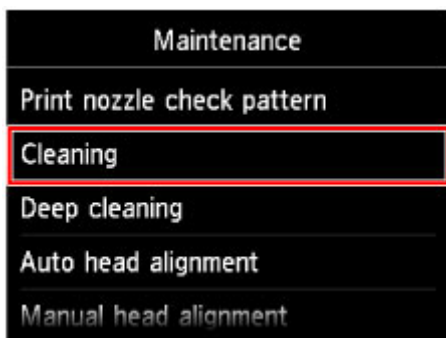
■ [Using the Operation Panel](#)

The setup menu screen will appear.

6. Tap  **Maintenance**.

The **Maintenance** screen will appear.

7. Tap **Cleaning**.



The confirmation screen will appear.

8. Tap **Yes**.

The machine starts cleaning the print head.

Do not perform any other operations until the machine completes the cleaning of the print head. This takes about 2 to 3 minutes.

The pattern print confirmation screen will appear.

9. Tap **Yes**.

The nozzle check pattern will be printed.

10. [Examine the nozzle check pattern](#).

▶▶ Note

- If the problem is not resolved after cleaning the print head twice, [clean the print head deeply](#).

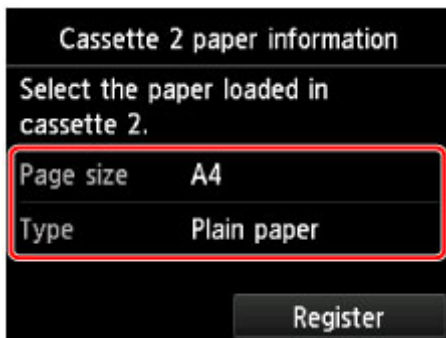
Cleaning the Print Head Deeply

If print quality does not improve by the standard cleaning of the print head, clean the print head deeply. Cleaning the print head deeply consumes more ink than the standard cleaning of the print head, so clean the print head deeply only when necessary.

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. Make sure that the power is turned on.
2. Load a sheet of A4 or Letter-sized plain paper in the cassette 2.

After inserting the cassette into the machine, the paper information registration screen is displayed on the touch screen. Select **A4** or **Letter** for **Page size** and **Plain paper** for **Type**, then tap **Register**.



If a message is displayed on the screen, follow the directions in the message to complete registration.


3. Holding both sides of the paper output tray, gently open it.

The output tray extension will open automatically when the paper output tray is opened.

4. Extend the paper output support.

»» Important

- If the disc tray guide is open, be sure to close it.

5. Flick the HOME screen, then tap  **Setup**.

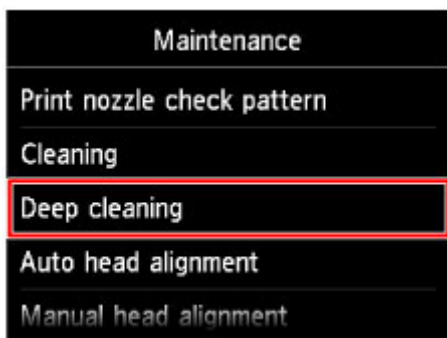
■ [Using the Operation Panel](#)

The setup menu screen will appear.

6. Tap  **Maintenance**.

The **Maintenance** screen will appear.

7. Tap **Deep cleaning**.



The confirmation screen will appear.

8. Tap **Yes**.

The machine starts cleaning the print head deeply.

Do not perform any other operations until the machine completes the deep cleaning of the print head. This takes about 2 to 3 minutes.

The pattern print confirmation screen will appear.

9. Tap **Yes**.

The nozzle check pattern will be printed.

10. When the completion message appears, tap **OK**.

11. [Examine the nozzle check pattern](#).

If a particular color is not printed properly, [replace the ink tank](#) of that color.

If the problem is not resolved, turn off the power and clean the print head deeply again after 24 hours.

If the problem is still not resolved, the print head may be damaged. Contact the service center.

Aligning the Print Head

If printed ruled lines are misaligned or print results are otherwise unsatisfactory, adjust the print head position.

▶▶▶ Note

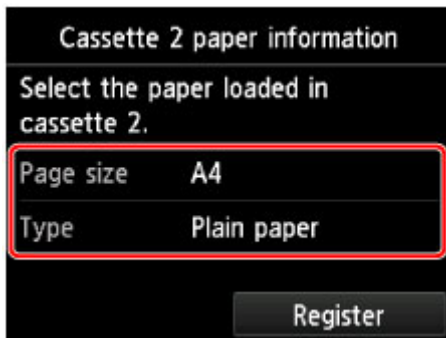
- If the remaining ink level is low, the print head alignment sheet will not be printed correctly.
[Replace the ink tank](#) whose ink is low.

You need to prepare: a sheet of A4 or Letter-sized plain paper (including recycled paper)*

* Be sure to use paper that is white and clean on both sides.

1. Make sure that the power is turned on.
2. Load a sheet of A4 or Letter-sized plain paper in the cassette 2.

After inserting the cassette into the machine, the paper information registration screen is displayed on the touch screen. Select **A4** or **Letter** for **Page size** and **Plain paper** for **Type**, then tap **Register**.



If a message is displayed on the screen, follow the directions in the message to complete registration.

3. Holding both sides of the paper output tray, gently open it.

The output tray extension will open automatically when the paper output tray is opened.

4. Extend the paper output support.

▶▶▶ Important

- If the disc tray guide is open, be sure to close it.

5. Flick the HOME screen, then tap  **Setup**.

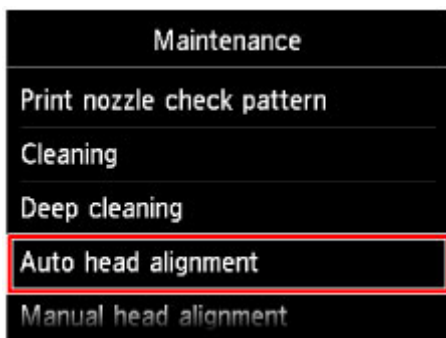
■ [Using the Operation Panel](#)

The setup menu screen will appear.

6. Tap  **Maintenance**.

The **Maintenance** screen will appear.

7. Tap **Auto head alignment**.



The confirmation screen will appear.

8. Tap **Yes**.

The print head alignment sheet will be printed and the print head position will be adjusted automatically.

This takes about 3 to 4 minutes.

Important

- Do not open the operation panel while printing is in progress.

Note

- If the automatic adjustment of the print head position has failed, the error message appears on the touch screen.

■ [Message Appears](#)

9. When the completion message appears, tap **OK**.

Note

- If the print results are still not satisfactory after adjusting the print head position as described above, [align the print head manually](#).

You can also align the print head manually from a computer.

- [Aligning the Print Head Position Manually \(Windows\)](#)
- [Aligning the Print Head Position Manually \(Mac OS\)](#)

Aligning the Print Head Manually

If printed ruled lines are misaligned or print results are still not satisfactory after adjusting the print head position automatically, adjust the print head position manually.

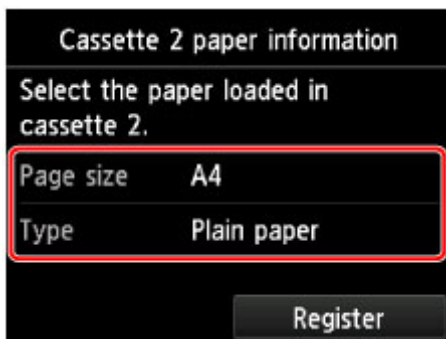
►►► Note

- For details on adjusting the print head position automatically, see [Aligning the Print Head](#).

You need to prepare: three sheets of A4 or Letter-sized plain paper

1. Make sure that the power is turned on.
2. Load three sheets of A4 or Letter-sized plain paper in the cassette 2.

After inserting the cassette into the machine, the paper information registration screen is displayed on the touch screen. Select **A4** or **Letter** for **Page size** and **Plain paper** for **Type**, then tap **Register**.



If a message is displayed on the screen, follow the directions in the message to complete registration.

3. Holding both sides of the paper output tray, gently open it.
The output tray extension will open automatically when the paper output tray is opened.
4. Extend the paper output support.

►►► Important

- If the disc tray guide is open, be sure to close it.

5. Flick the HOME screen, then tap  **Setup**.

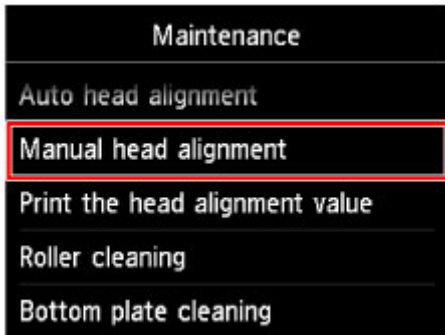
■ [Using the Operation Panel](#)

The setup menu screen will appear.

6. Tap  **Maintenance**.

The **Maintenance** screen will appear.

7. Tap **Manual head alignment**.



The confirmation screen will appear.

▶▶▶ **Note**

- To print and check the current head position adjustment values, select **Print the head alignment value**.

8. Tap **Yes**.

The print head alignment pattern is printed.

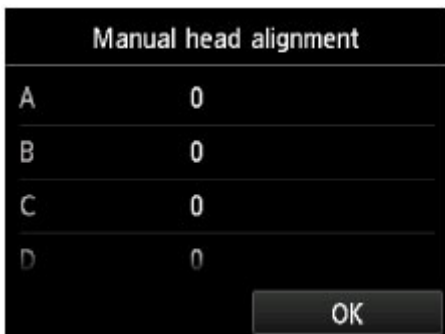
▶▶▶ **Important**

- Do not open the operation panel while printing is in progress.

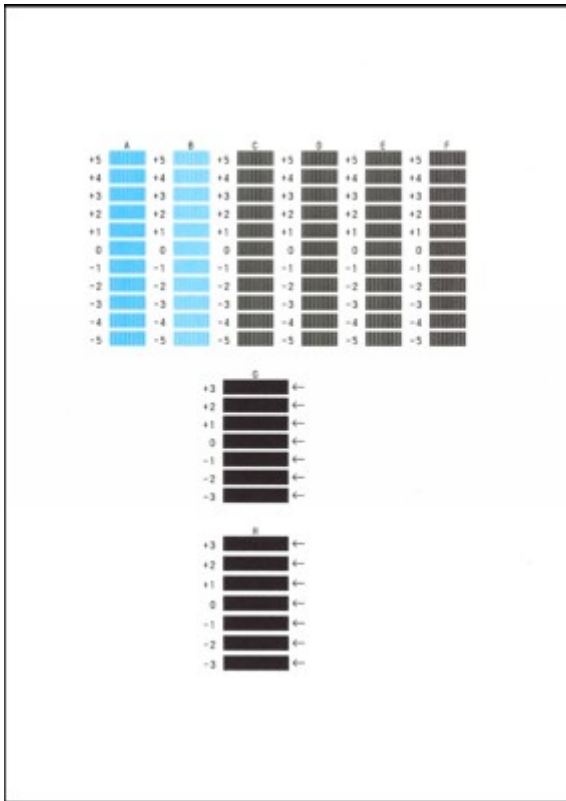
9. When the message "**Did the patterns print correctly?**" appears, confirm that the pattern is printed correctly, tap **Yes**.

10. Confirm the message, then tap **Next**.

The input screen for the head position adjustment values will appear.



11. Look at the first pattern, tap **A** to check the printed patterns, then tap the number of the pattern in column A that has the least noticeable vertical streaks.



►►► **Note**

- If it is difficult to pick the best pattern, pick the setting that produces the least noticeable vertical streaks.



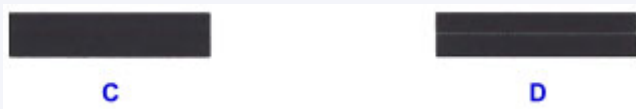
- A: Unnoticeable vertical streaks
- B: Noticeable vertical streaks

12. Repeat the same procedure until you finish inputting the pattern number for columns B to H, then tap **OK**.

For columns G and H, pick the setting that produces the least noticeable horizontal streaks at the position indicated by an arrow.

►►► **Note**

- If it is difficult to pick the best pattern, pick the setting that produces the least noticeable horizontal streaks.



- C: Unnoticeable horizontal streaks
- D: Noticeable horizontal streaks

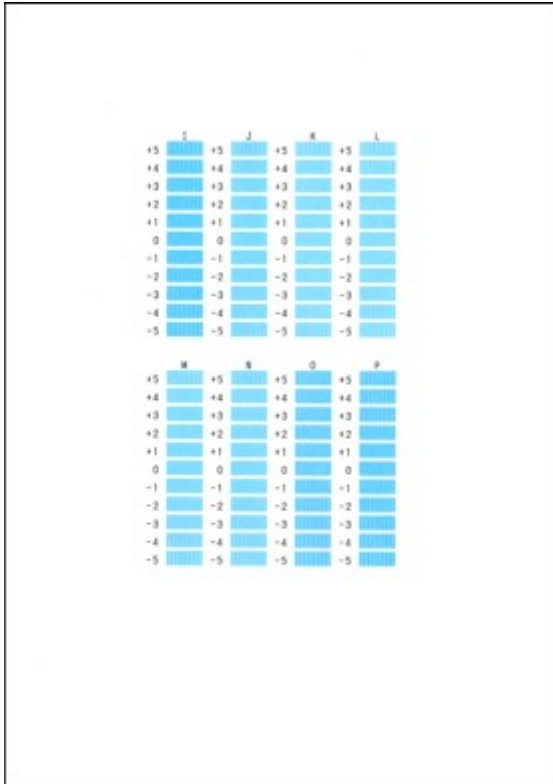
13. Confirm the message, then tap **OK**.

The second pattern is printed.

Important

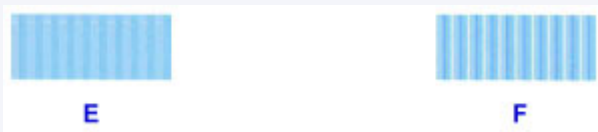
- Do not open the operation panel while printing is in progress.

14. Look at the second pattern, tap **I** to check the printed patterns, then tap the number of the pattern in column **I** that has the least noticeable vertical streaks.



Note

- If it is difficult to pick the best pattern, pick the setting that produces the least noticeable vertical streaks.



E: Unnoticeable vertical streaks

F: Noticeable vertical streaks

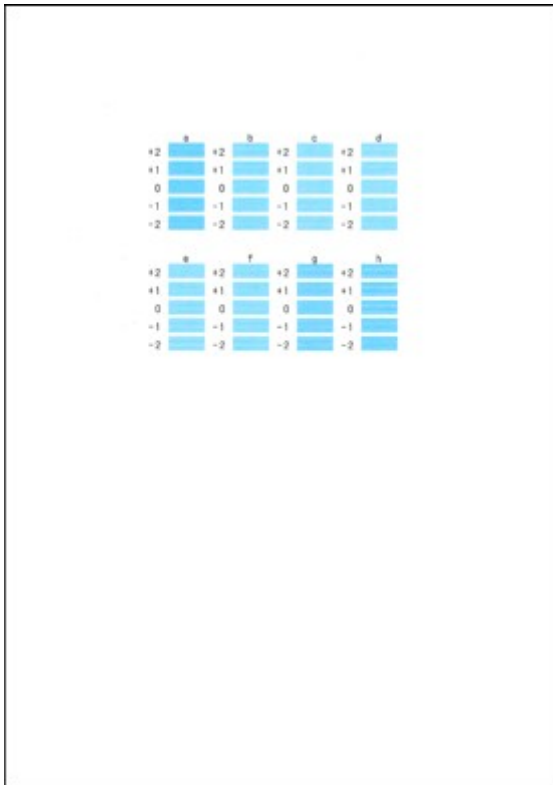
15. Repeat the same procedure until you finish inputting the pattern number for columns J to P, then tap **OK**.
16. Confirm the message, then tap **OK**.

The third pattern is printed.

Important

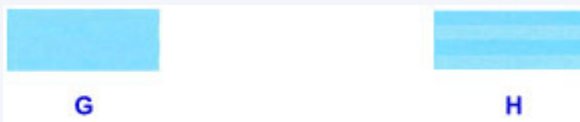
- Do not open the operation panel while printing is in progress.

17. Look at the third pattern, tap **a** to check the printed patterns, then tap the number of the pattern in column a that has the least noticeable horizontal stripes.



►► Note

- If it is difficult to pick the best pattern, pick the setting that produces the least noticeable horizontal stripes.



G: Unnoticeable horizontal stripes

H: Noticeable horizontal stripes

18. Repeat the same procedure until you finish inputting the pattern number for columns b to h, then tap **OK**.
19. When the completion message appears, tap **OK**.

Performing Maintenance Functions from Your Computer (Mac OS)

- ▶ **Cleaning the Print Heads**
- ▶ **Printing a Nozzle Check Pattern**
- ▶ **Aligning the Print Head Position**
- ▶ **Checking the Ink Status from Your Computer**

Cleaning the Print Heads

The print head cleaning function allows you to clear up clogged print head nozzle. Perform print head cleaning if printing is faint or a specific color fails to print, even though there is enough ink.

The procedure for cleaning the print head is as follows:



Cleaning

1. Select **Cleaning** from the pop-up menu on the [Canon IJ Printer Utility](#)

2. Click the **Cleaning** icon

When the dialog opens, select the ink group for which cleaning is to be performed.

Before running the cleaning, check the following items:

On some printer models, pressing the tank cover open button on the printer opens the tank cover. Check the following items for each ink. Then, if necessary, perform **Cleaning**.

- [Is there ink remaining in the tank?](#)
- Did you push in the ink tank completely until you heard a clicking sound?
- If the orange tape is there, has it been peeled off completely?
Any remaining tape will hinder ink output.
- Did you install the ink tanks in their correct positions?

3. Execute cleaning

Make sure that the printer is on and then click **OK**.

Print head cleaning starts.

»»» Important

- Do not close the paper output tray until the cleaning is complete.

4. Complete cleaning

Next, the message for nozzle check pattern printing is displayed.

5. Check the results

To check whether the print quality has improved, click **Print Check Pattern**. To cancel the check process, click **Cancel**.

If cleaning the head once does not resolve the print head problem, clean it once more.

»»» Important

- **Cleaning** consumes a small amount of ink.
Cleaning the print head frequently will rapidly deplete your printer's ink supply. Consequently, perform cleaning only when necessary.



Deep Cleaning

Deep Cleaning is more thorough than cleaning. Perform deep cleaning when two **Cleaning** attempts do not resolve the print head problem.

1. Select **Cleaning** from the pop-up menu on the [Canon IJ Printer Utility](#)
2. Click the **Deep Cleaning** icon

When the dialog opens, select the ink group for which deep cleaning is to be performed.

Before running the deep cleaning, check the following items:

On some printer models, pressing the tank cover open button on the printer opens the tank cover.

Check the following items for each ink. Then, if necessary, perform **Deep Cleaning**.

- [Is there ink remaining in the tank?](#)
- Did you push in the ink tank completely until you heard a clicking sound?
- If the orange tape is there, has it been peeled off completely?
Any remaining tape will hinder ink output.
- Did you install the ink tanks in their correct positions?

3. Execute deep cleaning

Make sure that the printer is on and then click **OK**.

Click **OK** when the confirmation message appears.

Print head deep cleaning starts.

►► Important

- Do not close the paper output tray until the deep cleaning is complete.

4. Complete deep cleaning

The **Nozzle Check** dialog opens after the confirmation message.

5. Check the results

To check whether the print quality has improved, click **Print Check Pattern**. To cancel the check process, click **Cancel**.

►► Important

- **Deep Cleaning** consumes a larger amount of ink than **Cleaning**.
Cleaning the print head frequently will rapidly deplete your printer's ink supply. Consequently, perform cleaning only when necessary.

►► Note

- If there is no sign of improvement after **Deep Cleaning**, turn off the printer, wait 24 hours, and then perform **Deep Cleaning** again. If there is still no sign of improvement, the ink may have run out or the print head may be worn. For details on the remedial action to be taken, see "No Ink Comes Out."

Related Topic

- [Printing a Nozzle Check Pattern](#)

Printing a Nozzle Check Pattern

The nozzle check function allows you to check whether the print head is working properly by printing a nozzle check pattern. Print the pattern if printing becomes faint, or if a specific color fails to print.

The procedure for printing a nozzle check pattern is as follows:



Nozzle Check

1. Select **Test Print** from the pop-up menu on the [Canon IJ Printer Utility](#)

2. Click the **Nozzle Check** icon

The confirmation message appears.

Before printing the nozzle check pattern, check the following items:

On some printer models, pressing the tank cover open button on the printer opens the tank cover. Check the following items for each ink. Then, if necessary, perform **Nozzle Check**.

- [Is there ink remaining in the tank?](#)
- Did you push in the ink tank completely until you heard a clicking sound?
- If the orange tape is there, has it been peeled off completely?
Any remaining tape will hinder ink output.
- Did you install the ink tanks in their correct positions?

3. Load paper in the printer

Load one sheet of A4 size or Letter size plain paper into the cassette 2.

4. Print a nozzle check pattern

Make sure that the printer is on and click **Print Check Pattern**.

Printing of the nozzle check pattern begins.

5. Check the print result

When the dialog opens, check the print result. If the print result is normal, click **Quit**.

If the print result is smudged or if there are any unprinted sections, click **Cleaning** to clean the print head.

Related Topic

- [Cleaning the Print Heads](#)

Aligning the Print Head Position

Print head alignment corrects the installation positions of the print head and improves deviated colors and lines.

This printer supports two head alignment methods: automatic head alignment and manual head alignment. Normally, the printer is set for automatic head alignment.

If the printing results of automatic print head alignment are not satisfactory, [perform manual head alignment](#).

The procedure for performing automatic print head alignment is as follows:

▶▶▶ Note

- If the disc tray guide is open, close it.
- The pattern is printed only in black and blue.



Print Head Alignment

1. Select **Test Print** from the pop-up menu on the [Canon IJ Printer Utility](#)

2. Click the **Print Head Alignment** icon

A message is displayed.

3. Load paper in the printer

Load one sheet of A4 size or Letter size plain paper into the cassette 2.

▶▶▶ Note

- The number of sheets to be used differs when you select the manual head alignment.

4. Execute head alignment

Make sure that the printer is on and click **Align Print Head**.

Print head alignment starts.

▶▶▶ Important

- Do not open the operation panel while printing is in progress.

▶▶▶ Note

- Wait until printing ends before performing other operations. Printing takes about 3 to 4 minutes to complete.

▶▶▶ Note

- After head alignment is completed, you can print and check the current setting. To do so, click the **Print Head Alignment** icon and when the message is displayed, click **Print Alignment Value**.

Aligning the Print Head Position Manually

Print head alignment corrects the installation positions of the print head and improves deviated colors and lines.

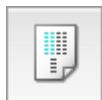
This printer supports two head alignment methods: [automatic head alignment](#) and manual head alignment. Normally, the printer is set for automatic head alignment.

If the printing results of automatic print head alignment are not satisfactory, perform manual head alignment.

The procedure for performing manual print head alignment is as follows:

▶▶▶ Note

- If the disc tray guide is open, close it.
- The pattern is printed only in black and blue.



Print Head Alignment

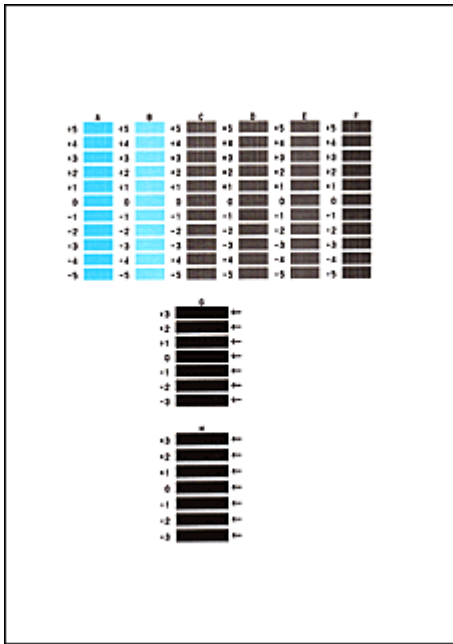
1. Select **Custom Settings** from the pop-up menu on the [Canon IJ Printer Utility](#)
2. Switch head alignment to manual
Check the **Align heads manually** check box.
3. Apply the settings
Click **Apply** and when the confirmation message appears, click **OK**.
4. Select **Test Print** from the pop-up menu on the Canon IJ Printer Utility
5. Click the **Print Head Alignment** icon
A message is displayed.
6. Load paper in the printer
Load three sheets of A4 size or Letter size plain paper into the cassette 2.
7. Execute head alignment
Make sure that the printer is on and click **Align Print Head**.
The first pattern is printed.

▶▶▶ Important

- Do not open the operation panel while printing is in progress.

8. Check the printed pattern

Enter the numbers of the patterns with the least noticeable streaks in the associated boxes, and click **OK**.



➤➤➤ **Note**

- If it is difficult to pick the best pattern, pick the setting that produces the least noticeable vertical streaks.



(A)



(B)

(A) Least noticeable vertical streaks

(B) Most noticeable vertical streaks

- If it is difficult to pick the best pattern, pick the setting that produces the least noticeable horizontal streaks.



(A)



(B)

(A) Least noticeable horizontal streaks

(B) Most noticeable horizontal streaks

9. Confirm the displayed message and click **OK**

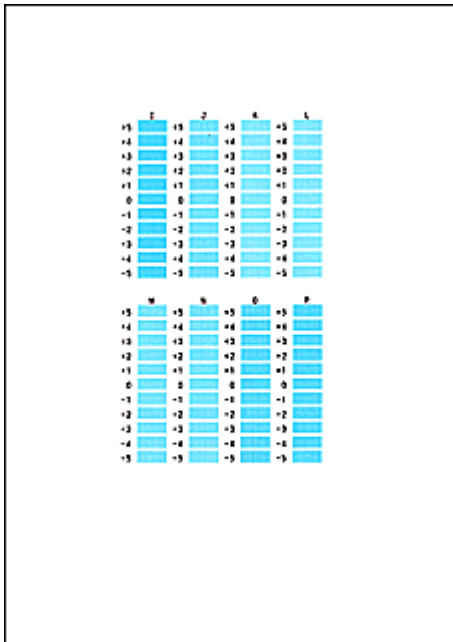
The second pattern is printed.

➤➤➤ **Important**

- Do not open the operation panel while printing is in progress.

10. Check the printed pattern

Enter the numbers of the patterns with the least amount of streaks in the associated boxes, and click **OK**.



➤➤➤ **Note**

- If it is difficult to pick the best pattern, pick the setting that produces the least noticeable vertical streaks.



(A)



(B)

(A) Least noticeable vertical streaks

(B) Most noticeable vertical streaks

11. Confirm the displayed message and click **OK**

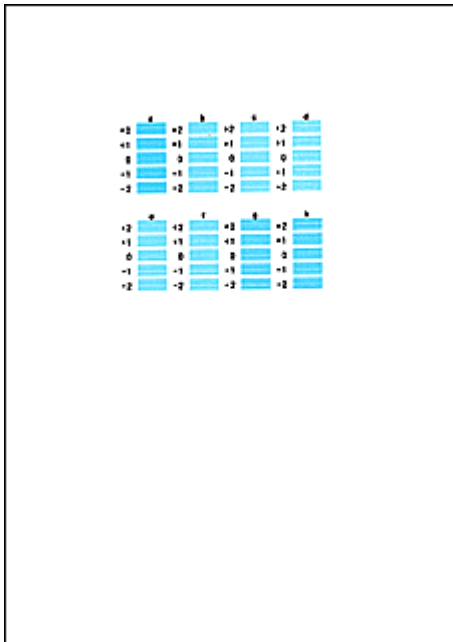
The third pattern is printed.

➤➤➤ **Important**

- Do not open the operation panel while printing is in progress.

12. Check the printed pattern

Enter the numbers of the patterns with the least noticeable stripes in the associated boxes, and click **OK**.



►►► **Note**

- If it is difficult to pick the best pattern, pick the setting that produces the least noticeable horizontal stripes.



(A)



(B)

(A) Least noticeable horizontal stripes

(B) Most noticeable horizontal stripes

►►► **Note**

- After head alignment is completed, you can print and check the current setting. To do so, click the **Print Head Alignment** icon and when the message is displayed, click **Print Alignment Value**.

Checking the Ink Status from Your Computer

You can check the detailed information such as the remaining ink level and the ink tank types of your model.

1. Select **Ink Level Information** from the pop-up menu on the [Canon IJ Printer Utility](#)


An illustration of the ink types and their status is displayed.

If a warning or error related to the remaining ink level occurs, the printer driver displays an icon to let you know.

2. If necessary, click **Ink Details**

You can check the ink-related information.

▶▶ Note

- **Ink Details** is displayed when the ink level is low.
- Click  to check which ink tank your model uses.
- Click **Update** to display the current remaining ink level.

Cleaning

- ▶ **Cleaning the Exterior of the Machine**
- ▶ **Cleaning the Platen Glass and Document Cover**
- ▶ **Cleaning the Paper Feed Roller**
- ▶ **Cleaning the Inside of the Machine (Bottom Plate Cleaning)**
- ▶ **Cleaning the Pad in the Cassette**

Cleaning the Exterior of the Machine

Be sure to use a soft and dry cloth such as eyeglasses cleaning cloth and wipe off dirt on the surface gently. Smooth out wrinkles on the cloth if necessary before cleaning.

»» Important

- Be sure to turn off the power and unplug the power cord before cleaning the machine.
- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface. Paper tissue powder or fine threads may remain inside the machine and cause problems such as print head blockage and poor printing results.
- Never use volatile liquids such as thinners, benzene, acetone, or any other chemical cleaner to clean the machine, as this may cause a malfunction or damage the surface of the machine.
- Use a soft cloth soaked in water and wrung well to wipe off stains on the operation panel. Do not turn on the power until the surface of the operation panel has completely dried.

Cleaning the Platen Glass and Document Cover

▶▶▶ Important

- Be sure to turn off the power and unplug the power cord before cleaning the machine.
- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface. Paper tissue powder or fine threads may remain inside the machine and cause problems such as print head blockage and poor printing results.
- Never use volatile liquids such as thinners, benzene, acetone, or any other chemical cleaner to clean the machine, as this may cause a malfunction or damage the surface of the machine.

Use a soft, clean, lint-free and dry cloth. Wipe the platen glass (A) and the inner side of the document cover (white sheet) (B) gently. Make sure not to leave any residue, especially on the glass surface.



▶▶▶ Important

- The inner side of the document cover (white sheet) (B) is easily damaged, so wipe it gently.

Cleaning the Paper Feed Roller

If the paper feed roller is dirty or paper powder is attached to it, paper may not be fed properly.


In this case, clean the paper feed roller. Cleaning will wear out the paper feed roller, so perform this only when necessary.

You need to prepare

For the cassette 1: A single sheet of A4 or Letter-sized plain paper (to be cut for use)

For the cassette 2: Three sheets of A4 or Letter-sized plain paper

1. Make sure that the power is turned on.

2. Flick the HOME screen, then tap  **Setup**.

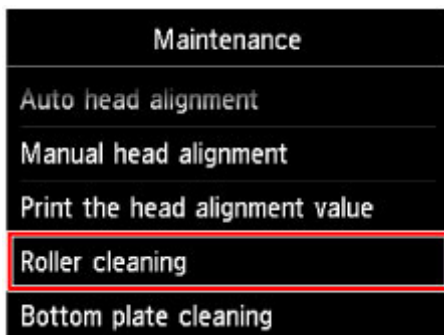
 [Using the Operation Panel](#)

The setup menu screen will appear.

3. Tap  **Maintenance**.

The **Maintenance** screen will appear.

4. Tap **Roller cleaning**.



The confirmation screen will appear.

5. Tap **Yes**.
6. Tap the paper source to clean (**Cassette 1** or **Cassette 2**).
7. Follow the message to remove any paper from the paper source you selected in step 6, then re-insert the cassette.
8. Tap **OK**.

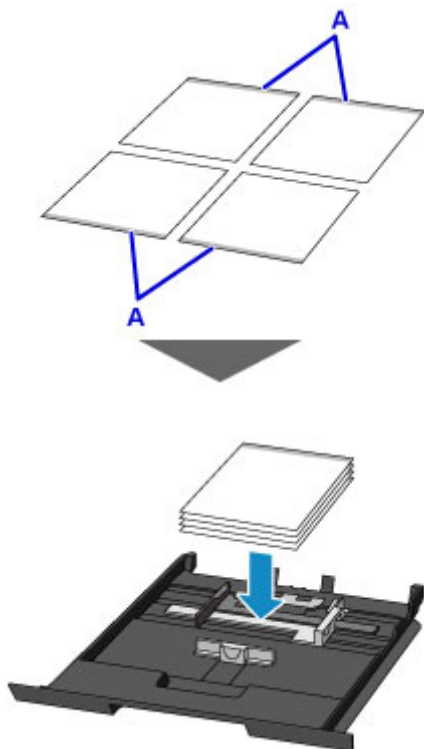
The paper feed roller will rotate as it is cleaned without paper.

9. Make sure that the paper feed roller has stopped rotating, then follow the message to load plain paper as follows in the paper source you selected in step 6.

Loading paper in the cassette 1:

Cut a single sheet of A4 or Letter-sized plain paper into four pieces.

Load them in the cassette 1 with the top and bottom edges (A) towards the back side of the cassette 1.



Loading paper in the cassette 2:

Load three sheets of A4 or Letter-sized paper in the cassette 2.

10. Holding both sides of the paper output tray, gently open it.

The output tray extension will open automatically when the paper output tray is opened.

11. Extend the paper output support.

»» Important

- If the disc tray guide is open, be sure to close it.

12. Tap **OK**.

The machine starts cleaning. The cleaning will be complete when the paper is ejected.

13. When the completion message appears, tap **OK**.

If the problem is not resolved after cleaning the paper feed roller, contact the service center.


Cleaning the Inside of the Machine (Bottom Plate Cleaning)

Remove stains from the inside of the machine. If the inside of the machine becomes dirty, printed paper may get dirty, so we recommend performing cleaning regularly.

You need to prepare: a sheet of A4 or Letter-sized plain paper*

* Be sure to use a new piece of paper.

1. Make sure that the power is turned on.

2. Flick the HOME screen, then tap  **Setup**.

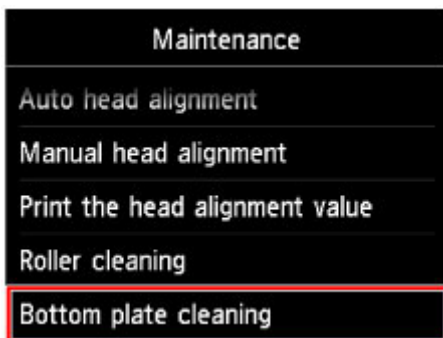
 [Using the Operation Panel](#)

The setup menu screen will appear.

3. Tap  **Maintenance**.

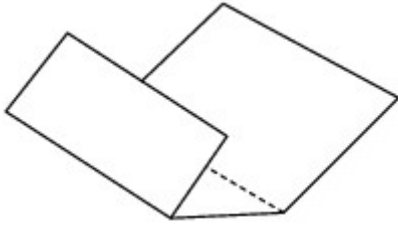
The **Maintenance** screen will appear.

4. Tap **Bottom plate cleaning**.



The confirmation screen will appear.

5. Tap **Yes**.
6. Follow the message to remove any paper from the cassette 2, then tap **OK**.
7. Fold a single sheet of A4 or Letter-sized plain paper in half widthwise, then unfold the paper.
8. Fold one side of the opened paper in another half, aligning the edge with the center crease, unfold the paper, then tap **OK**.



9. Load only this sheet of paper in the cassette 2 with the ridges of the creases facing up and the edge of the half with no crease facing to the far side.



10. Holding both sides of the paper output tray, gently open it.
The output tray extension will open automatically when the paper output tray is opened.
11. Extend the paper output support.

▶▶▶ Important

- If the disc tray guide is open, be sure to close it.

12. Tap **OK**.
The paper cleans the inside of the machine as it feeds through the machine.
Check the folded parts of the ejected paper. If they are smudged with ink, perform Bottom Plate Cleaning again.

13. When the completion message appears, tap **OK**.

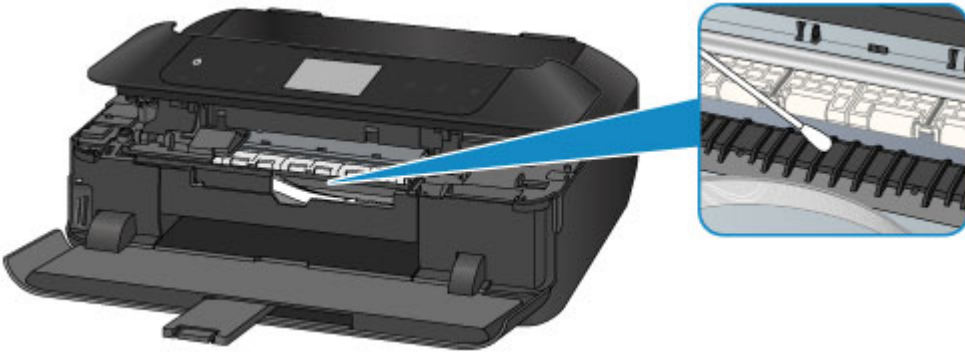
▶▶▶ Note

- When performing Bottom Plate Cleaning again, be sure to use a new piece of paper.

If the problem is not resolved after performing cleaning again, the protrusions inside the machine may be stained. Wipe off any ink from the protrusions using a cotton swab or the like.

▶▶▶ Important

- Be sure to turn off the power and unplug the power cord before cleaning the machine.



Cleaning the Pad in the Cassette

If the pad in a cassette is smeared with paper powder or dirt, two or more sheets of paper may be ejected. Follow the procedure below to clean the pad in a cassette.

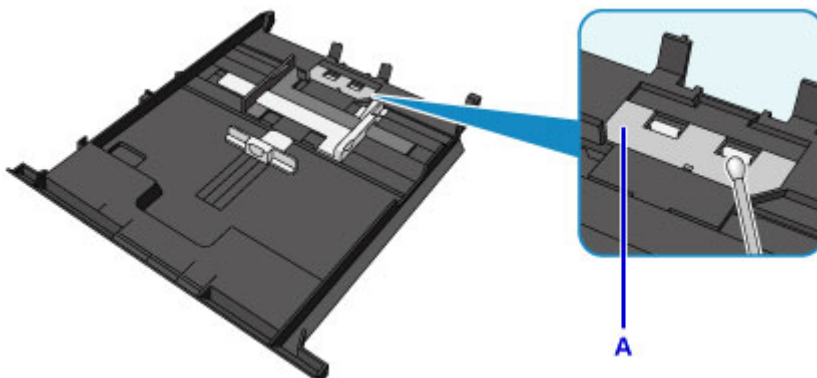
You need to prepare: cotton swab

1. Pull out the cassette 1 or cassette 2 from the machine, then remove all the paper.
2. Clean the pad (A) sideways with a moistened cotton swab.

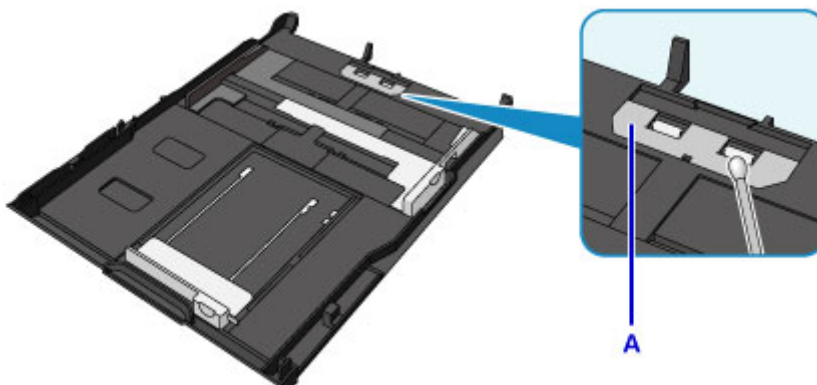
►► Important

- After cleaning the smeared pad, dry it completely.

For the cassette 1:



For the cassette 2:



3. Reload the paper in the cassette, then insert it into the machine.

►► Note

- If a message is displayed on the screen after inserting the cassette into the machine, tap **OK**.

If the problem is not resolved, contact the service center.

Overview

▶ Safety

- Safety Precautions
- Regulatory Information

▶ Main Components and Their Use

- Main Components
- Power Supply
- Using the Operation Panel

▶ Changing Settings

- Changing Printer Settings from Your Computer (Windows)
- Changing Printer Settings from Your Computer (Mac OS)
- Changing Settings from Operation Panel
- Setting Up Card Slot as Memory Card Drive of Computer

▶ Network Connection

- Network Connection Tips

▶ Network Communication (Windows)

- Checking and Changing Network Settings
- IJ Network Tool (Network Connection)
- IJ Network Tool (Other Screens)
- Network Communication Tips

▶ Network Communication (Mac OS)

- Checking and Changing Network Settings
- Network Communication Tips

▶ Ensuring Optimal Printing Results

- Ink Tips
- Printing Tips
- Check Paper Settings Before Printing
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- Canceling a Print Job
- Keeping Print Quality High
- Transporting Your Printer
- ▶ **Legal Restrictions on Scanning/Copying**
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Safety

- ▶ **Safety Precautions**
- ▶ **Regulatory Information**

Safety Precautions

Choosing a location

- Do not install the machine in a location that is unstable or subject to excessive vibration.
- Do not install the machine in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source.
To avoid the risk of fire or electric shocks, use the machine under the operating environment specified in the Specification.
- Do not place the machine on a thick rug or carpet.
- Do not place the machine with its back attached to the wall.

Power supply

- Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary.
- Never remove the plug by pulling on the cord.
Pulling the cord may damage the power cord, leading to possible fire or electrical shock.
- Do not use an extension lead/cord.

Working around the machine

- Never put your hands or fingers in the machine while it is printing.
- When moving the machine, carry the machine at both ends. In case the machine weighs more than 14 kg, it is recommended to have two people lifting the machine. Accidental dropping of the machine causes injury. For the machine's weight, refer to the Specification.
- Do not place any object on the machine. Especially do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the machine.
- Do not transport or use the machine on a slant, vertically or upside-down, as the ink may leak and damage the machine.

Working around the machine (For the multifunction printer)

- When loading a thick book on the Platen Glass, do not press hard on the Document Cover. The Platen Glass may break and cause injury.

Print Heads/ink tanks and FINE Cartridges

- Keep ink tanks out of the reach of children. In case ink* is accidentally licked or swallowed, rinse out mouth or give one or two glasses of water to drink. If irritation or discomfort occurs, obtain medical advice immediately.
* Clear Ink contains nitrate salts (For models containing Clear Ink).
- In case ink gets in contact with eyes, rinse with water immediately. In case ink gets in contact with skin, wash with soap and water immediately. If irritation to eyes or skin persists, obtain medical advice immediately.
- Never touch the electrical contacts on a Print Head or FINE Cartridges after printing.
The metal parts may be very hot and could cause burns.
- Do not throw ink tanks and FINE Cartridges into fire.
- Do not attempt to disassemble or modify the Print Head, ink tanks, and FINE Cartridges.

Regulatory Information

For models containing lithium battery

- Dispose of used batteries according to the local regulations.
- Risk of explosion if battery is replaced by an incorrect type.

Users in the U.S.A.

FCC Notice (U.S.A. Only)

For 120V, 60Hz model

Model Number: K10429 (Contains FCC Approved WLAN Module K30365)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of a shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

FCC ID:AZDK30365

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The equipment complies with FCC radiation exposure limits for uncontrolled equipment. This equipment should be installed and operated with minimum distance at least 20cm between the radiator and persons body (excluding extremities: hands, wrists, feet and ankles) and must not be colocated or operated with any other antenna or transmitter.

Canon U.S.A., Inc.

One Canon Park

Melville, New York 11747

1-800-652-2666

Users in Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Pour les usagers résidant au Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

Only for European Union and EEA (Norway, Iceland and Liechtenstein)



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU) and national legislation. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service. For more information regarding return and recycling of WEEE products, please visit www.canon-europe.com/weee.

Korisnici u Srbiji



Ovaj simbol označava da ovaj proizvod ne sme da se odlaže sa ostalim kućnim otpadom, u skladu sa WEEE Direktivom (2012/19/EU) i nacionalnim zakonima. Ovaj proizvod treba predati određenom centru za prikupljanje, npr. na osnovi "jedan-za-jedan" kada kupujete sličan novi proizvod, ili ovlašćenom centru za prikupljanje za reciklažu istrošene električne i elektronske opreme (EEE). Nepravilno rukovanje ovom

vrstom otpada može da ima moguće negativne posledice po životnu sredinu i ljudsko zdravlje usled potencijalno opasnih materijala koji se uglavnom vezuju za EEE. U isto vreme, vaša saradnja na ispravnom odlaganju ovog proizvoda će doprineti efikasnom korišćenju prirodnih resursa. Za više informacija o tome gde možete da predate vašu staru opremu radi recikliranja, vas molimo, da kontaktirate lokalne gradske vlasti, komunalne službe, odobreni plan reciklaže ili Gradsku čistoću. Za više informacija o vraćanju i recikliranju WEEE proizvoda, posetite stranicu www.canon-europe.com/weee.

Environmental Information

Reducing your environmental impact while saving money

Power Consumption and Activation Time

The amount of electricity a device consumes depends on the way the device is used. This product is designed and set in a way to allow you to reduce your electricity costs. After the last print it switches to Ready Mode. In this mode it can print again immediately if required. If the product is not used for a time, the device switches to its Power Save Mode. The devices consume less power (Watt) in these modes. If you wish to set a longer Activation Time or would like to completely deactivate the Power Save Mode, please consider that this device may then only switch to a lower energy level after a longer period of time or not at all.

Canon does not recommend extending the Activation Times from the optimum ones set as default.

Energy Star®

The Energy Star® programme is a voluntary scheme to promote the development and purchase of energy efficient models, which help to minimise environmental impact.

Products which meet the stringent requirements of the Energy Star® programme for both environmental benefits and the amount of energy consumption will carry the Energy Star® logo accordingly.

Paper types

This product can be used to print on both recycled and virgin paper (certified to an environmental stewardship scheme), which complies with EN12281 or a similar quality standard. In addition it can support printing on media down to a weight of 64g/m², lighter paper means less resources used and a lower environmental footprint for your printing needs.



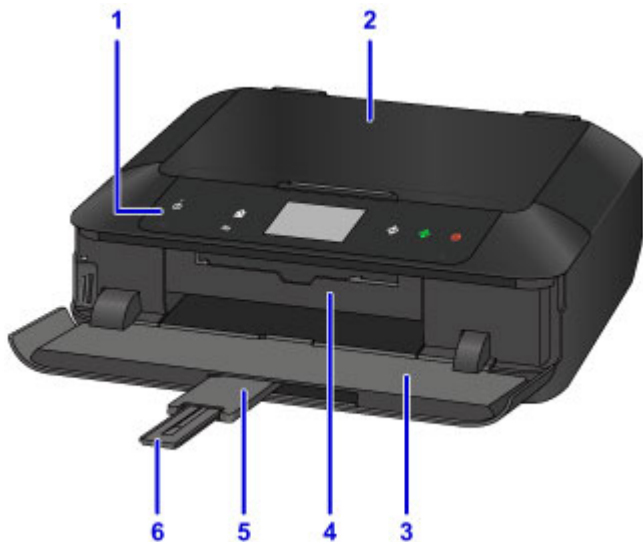
Main Components and Their Use

- ▶ **Main Components**
- ▶ **Power Supply**
- ▶ **Using the Operation Panel**

Main Components

- ▶ **Front View**
- ▶ **Rear View**
- ▶ **Inside View**
- ▶ **Operation Panel**

Front View



(1) operation panel

Use to change the settings of the machine or to operate it. Also, lift and open it to replace an ink tank, to check the ink lamp, or to remove jammed paper inside the machine.

■ [Operation Panel](#)

(2) document cover

Open to load an original on the platen glass.

(3) paper output tray

Opens automatically when printing or copying starts and printed paper is ejected. Also, you need to open it to insert a memory card.

(4) disc tray guide

Open by pulling it out to attach the disc tray. Use only when printing onto a printable disc. Keep closed for normal operation.

(5) output tray extension

Opens automatically when you open the paper output tray, and supports ejected paper.

(6) paper output support

Extend to support ejected paper.



(7) cassette 1

Load 4" x 6" (10 x 15 cm) or 5" x 7" (13 x 18 cm) size photo paper into the cassette, and insert it into the machine. Two or more papers of the same size and media type can be loaded at the same time, which are fed automatically one sheet at a time.

■ [Loading Small Size Paper Such as 4" x 6" \(10 x 15 cm\)](#)

The disc tray can be stored in the back of the cassette 1.

■ [How to Detach / Attach the Disc Tray](#)

(8) cassette 2

Load A4, B5, A5, or Letter-sized plain paper or photo paper and envelopes into the cassette, and insert it into the machine. Two or more papers of the same size and media type can be loaded at the same time, which are fed automatically one sheet at a time.

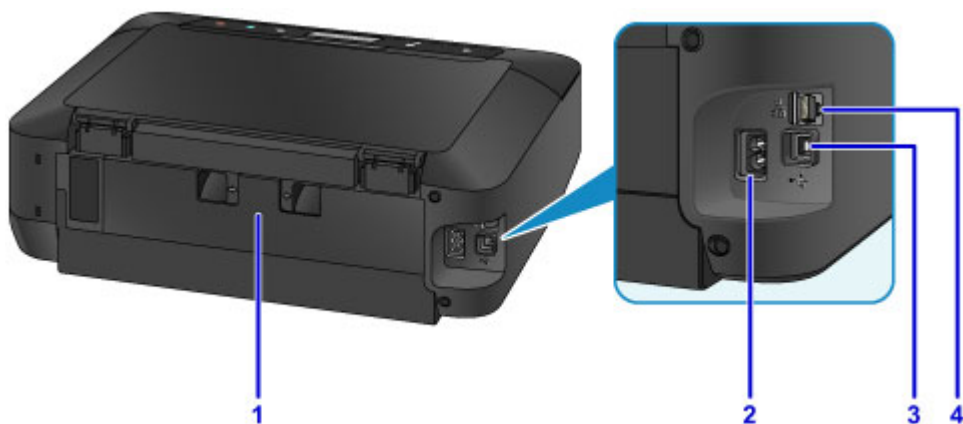
■ [Loading Large Size Paper Such as A4 or Letter](#)

■ [Loading Envelopes](#)

(9) platen glass

Load an original here.

Rear View



(1) rear cover

Detach when removing jammed paper.

(2) power cord connector

Plug in the supplied power cord.

(3) USB port

Plug in the USB cable to connect the machine with a computer.

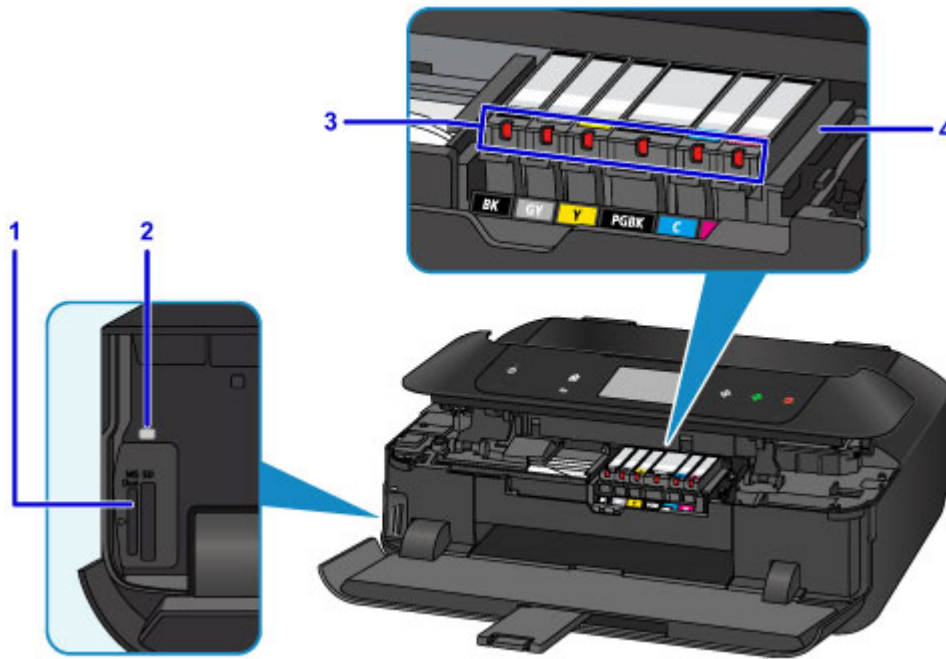
(4) wired LAN connector

Plug in the LAN cable to connect the machine to a LAN.

▶▶ Important

- Do not touch the metal casing.
- Do not plug in or unplug the USB cable or LAN cable while the machine is printing or scanning originals with the computer.

Inside View



(1) card slot

Insert a memory card.

■ [Before Inserting the Memory Card](#)

(2) Access lamp

Lights or flashes to indicate the memory card status.

■ [Inserting the Memory Card](#)

(3) ink lamps

Lights or flashes to indicate the ink tank status.

■ [Checking the Ink Status with the Ink Lamps](#)

(4) print head holder

The print head is pre-installed.

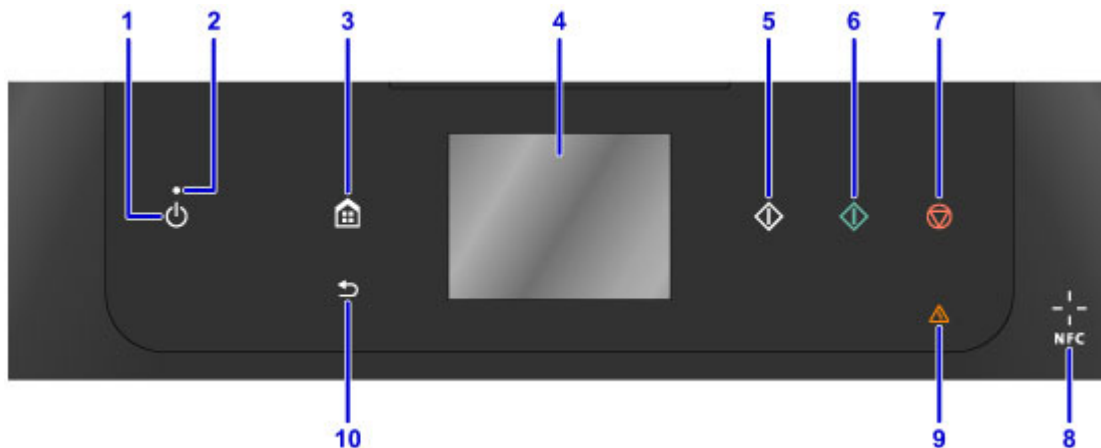
▶▶▶ Note

- For details on replacing an ink tank, see [Replacing Ink](#).

Operation Panel

* All buttons and lamps on the operation panel are shown lit in the figure below for explanatory purposes.

Only available buttons will be lit.



(1) ON button

Turns the power on or off. Before turning on the power, make sure that the document cover is closed.

■ [Turning the Machine On and Off](#)

(2) POWER lamp

Lights after flashing when the power is turned on.

(3) HOME button

Used to display the HOME screen.

■ [Using the Operation Panel](#)

(4) touch screen

Displays messages, menu items, and the operational status. Directly touch the screen lightly with your finger tip to select a menu item or displayed button. You can also preview photos on a memory card before printing.

■ [Basic Operation of the touch screen](#)

(5) Black button

Starts black & white copying, scanning, etc.

(6) Color button

Starts color copying, scanning, etc.

(7) Stop button

Cancels operation when print, copy, or scan job is in progress.

(8) NFC (Near Field Communication) mark

Pass an NFC-enabled smartphone, etc. with a Canon NFC-compliant application installed on it over this mark to perform printing and other operations.

(9) Alarm lamp

Lights or flashes when an error occurs.

(10) Back button

Returns the screen to the previous screen.

»» Note

- When buttons on the operation panel are touched, the machine generates keypad or alarm sounds as necessary. The sound volume can be adjusted in **Sound control** of **Device user settings**.

■ [Device user settings](#)

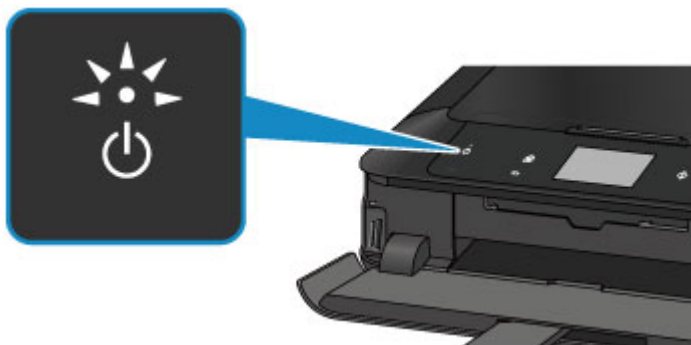
Power Supply

- ▶ **Confirming that the Power Is On**
- ▶ **Turning the Machine On and Off**
- ▶ **Notice for the Power Plug/Power Cord**
- ▶ **Notice for Unplugging the Power Cord**

Confirming that the Power Is On

The **POWER** lamp is lit when the machine is turned on.

Even if the buttons on the operation panel and the touch screen display are off, if the **POWER** lamp is lit, the machine is on.



»» Note

- It may take a while for the machine to start printing immediately after you turn on the machine.
- The buttons on the operation panel and the touch screen display will turn off if the machine is not operated for about 5 minutes. To restore the display, touch the touch screen. The touch screen display will be restored, and the available buttons also displayed. The print operation from a computer can also restore the display.

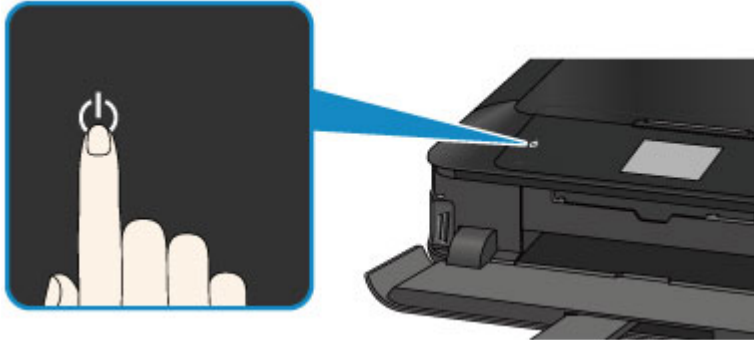
Turning the Machine On and Off

Turning on the machine

1. Touch the **ON** button to turn on the machine.

The **POWER** lamp flashes and then remains lit.

- [Confirming that the Power Is On](#)



➤➤ Note

- It may take a while for the machine to start printing immediately after you turn on the machine.
- If the **Alarm** lamp lights up or flashes and an error message is displayed on the touch screen, see [Message Appears](#)
- You can set the machine to automatically turn on when a print or scan operation is performed from a computer connected by USB cable or network. This feature is set to off by default.

From the machine

- [ECO settings](#)

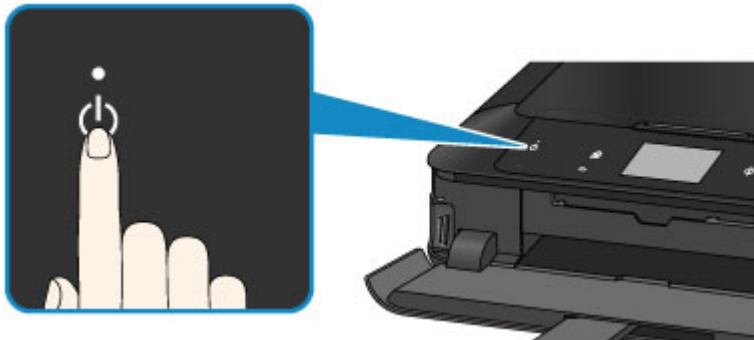
From the computer

- [Managing the Printer Power \(Windows\)](#)
- [Managing the Printer Power \(Mac OS\)](#)

Turning off the machine

1. Touch the **ON** button to turn off the machine.

When the **POWER** lamp stops flashing, the machine is turned off.



»» Important

- When you [unplug the power cord](#) after turning off the machine, be sure to confirm that the **POWER** lamp is off.

»» Note

- You can set the machine to automatically turn off when no operations are performed or no print jobs are sent to the machine for a certain interval. This feature is set to on by default.

From the machine

- [ECO settings](#)

From the computer

- [Managing the Printer Power \(Windows\)](#)
- [Managing the Printer Power \(Mac OS\)](#)

Notice for the Power Plug/Power Cord

Unplug the power cord once a month to confirm that the power plug/power cord does not have anything unusual described below.

- The power plug/power cord is hot.
- The power plug/power cord is rusty.
- The power plug/power cord is bent.
- The power plug/power cord is worn.
- The power plug/power cord is split.

Caution

- If you find anything unusual with the power plug/power cord described above, [unplug the power cord](#) and call for service. Using the machine with one of the unusual conditions above may cause a fire or an electric shock.

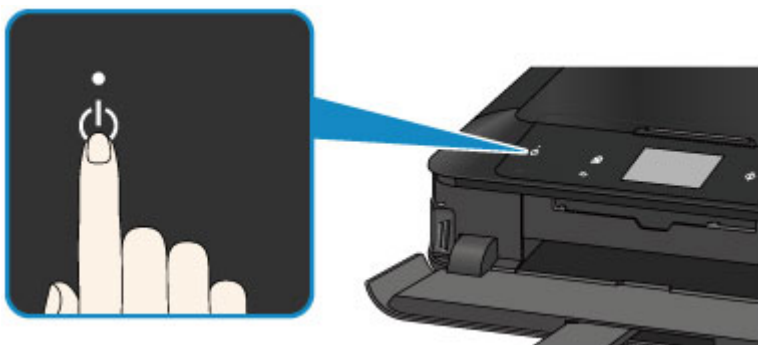
Notice for Unplugging the Power Cord

To unplug the power cord, follow the procedure below.

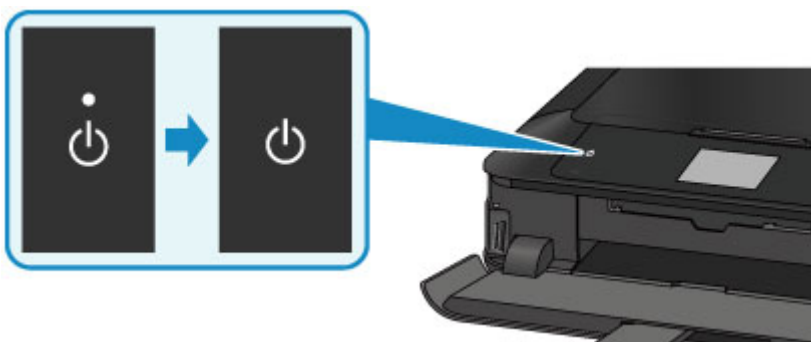
▶▶ Important

- When you unplug the power cord, touch the **ON** button, then confirm that the **POWER** lamp is off. Unplugging the power cord while the **POWER** lamp is lit or flashing may cause drying or clogging of the print head and print quality may be reduced.

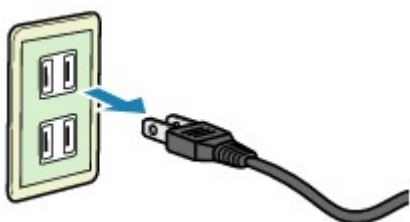
1. Touch the **ON** button to turn the machine off.



2. Confirm that the **POWER** lamp is off.



3. Unplug the power cord.



The specification of the power cord differs depending on the country or region of use.

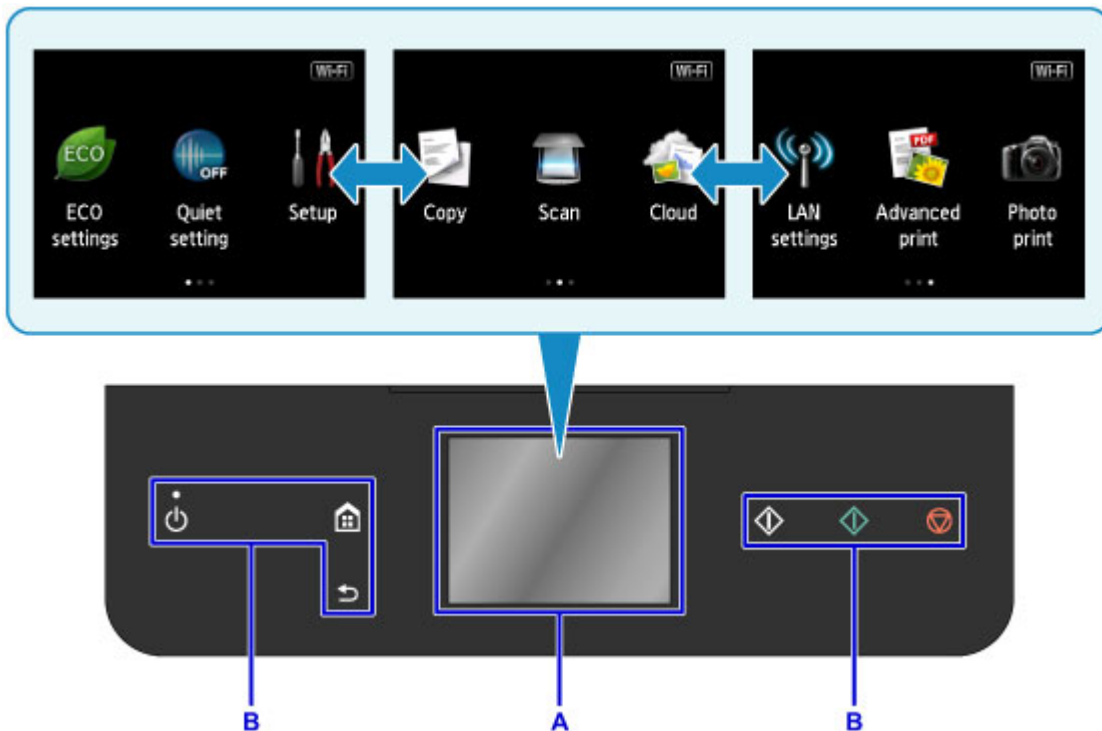
Using the Operation Panel

The operation panel consists of the touch screen (A) and buttons (B) that light up.

Touch the HOME screen on the touch screen with your finger tip to select menus for copying, scanning, and other functions.

The HOME screen comprises three separate screens.

* The screen display may differ depending on your model.



A: touch screen

Lightly touch a menu, button, or icon on the screen with your finger tip.

■ [Basic Operation of the touch screen](#)

B: Buttons on the operation panel

Lightly touch the buttons (B) on the operation panel with your finger tip.

Only buttons on the operation panel available for the current screen light up.

▶▶▶ Important

- Do not place any object (especially metallic objects or objects containing moisture) on the operation panel. Doing so may cause the machine to malfunction.
- Precious metals, such as in rings and bracelets, may cause malfunction of the machine. When using the operation panel, keep such metals at least 0.8 inch (2 cm) away from the operation panel.

Basic Operation of the touch screen

Touch the touch screen lightly with your finger tip or move your finger to access various functions or settings.

▶▶▶ Important

- When operating the touch screen, make sure to avoid the followings, which may cause the machine to malfunction or damage the machine.

- Strongly pressing the touch screen.
- Pressing the touch screen with other than your finger (especially with sharpened tips, such as on ballpoint pens, pencils, or nails).
- Touching the touch screen with wet or dirty hands.
- Placing any objects on the touch screen.

Tap

Touch lightly with your finger tip and immediately release.

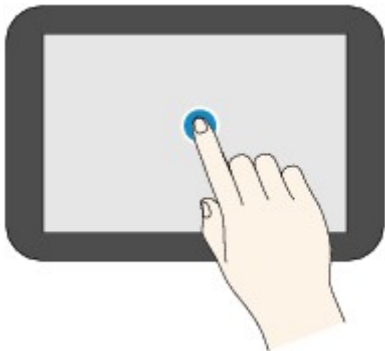
Use to select an item or photo on the screen.



Touch

Touch lightly with your finger tip.

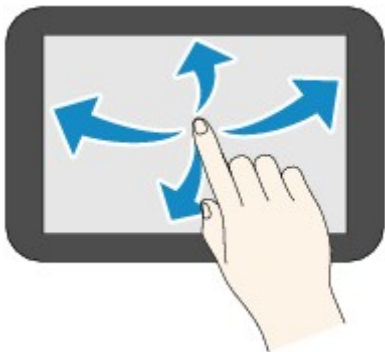
To move forward (or go back) menus or photos continuously, keep touching the forward (or back) mark.



Flick

Flick your finger on the screen up, down, left, or right.

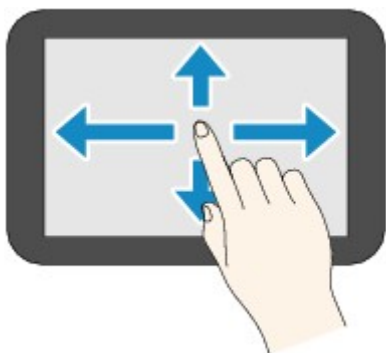
Use to switch menus or move forward or backward through photos.



Drag

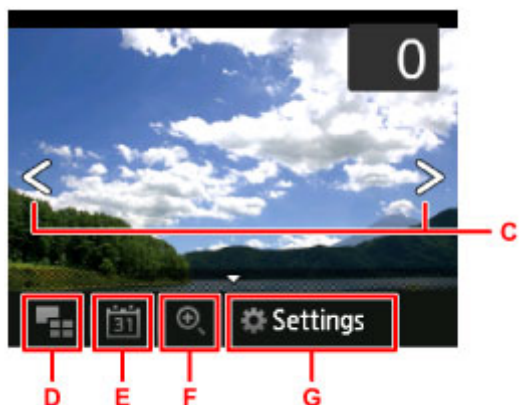
While lightly touching the screen, move your finger up, down, left, or right.

Use to view lists of items or move sliders.



An Operation Example of the touch screen

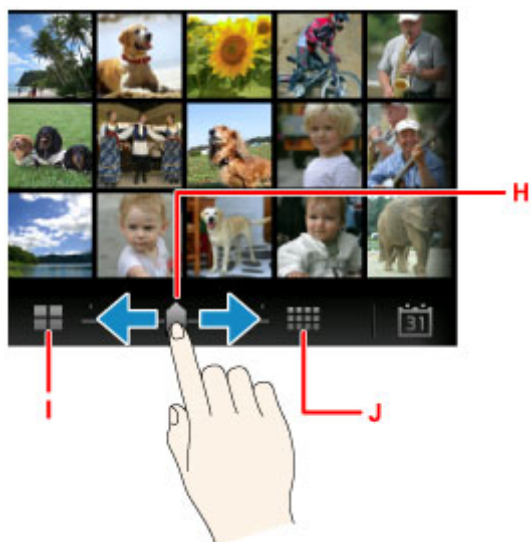
Example: The touch screen operation on the photo selection screen in **Photo print**



Flick your finger left or right on a photo to display the next or previous photo.

You can also tap the marks C to do the same. To move continuously forwards or backwards through photos, hold your touch on either of the marks C.

Tap D to switch to a screen that displays multiple photos.



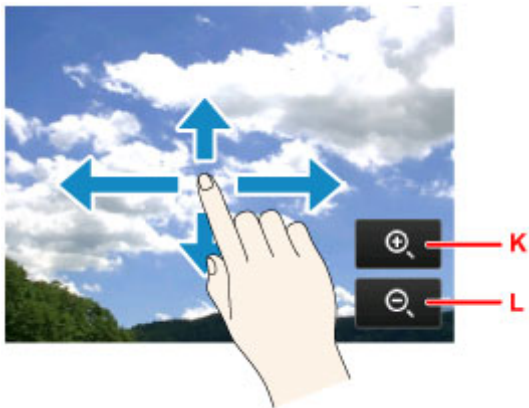
Drag the slide bar H left or right to change the number of photos displayed on the screen. Tapping I or J also changes it.

Tap E to display the **To most recent date** screen.



Flick left or right and tap the date of photos to display.

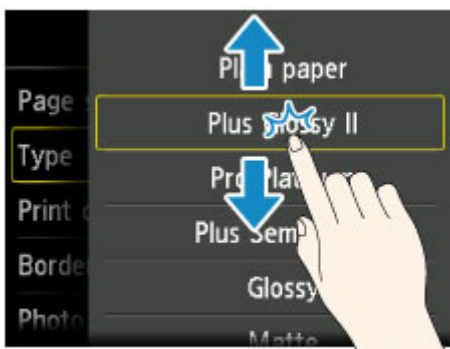
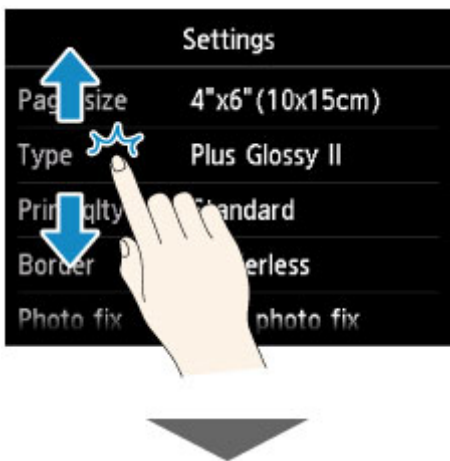
Tap F to enlarge/reduce the photo.



Tap K to enlarge the photo and L to reduce it.

Drag your finger on the photo to display the part you want to see.

Tap G to display the **Settings** screen.



Drag the screen up or down and tap an item to select.

This opens another list of items. Drag it in the same manner and tap a setting.

Changing Settings

- ▶ **Changing Printer Settings from Your Computer (Windows)**
- ▶ **Changing Printer Settings from Your Computer (Mac OS)**
- ▶ **Changing Settings from Operation Panel**
- ▶ **Setting Up Card Slot as Memory Card Drive of Computer**

Changing Printer Settings from Your Computer (Mac OS)

- ▶ **Registering a Changed Printing Profile**
- ▶ **Managing the Printer Power**
- ▶ **Reducing the Printer Noise**
- ▶ **Changing the Printer Operation Mode**

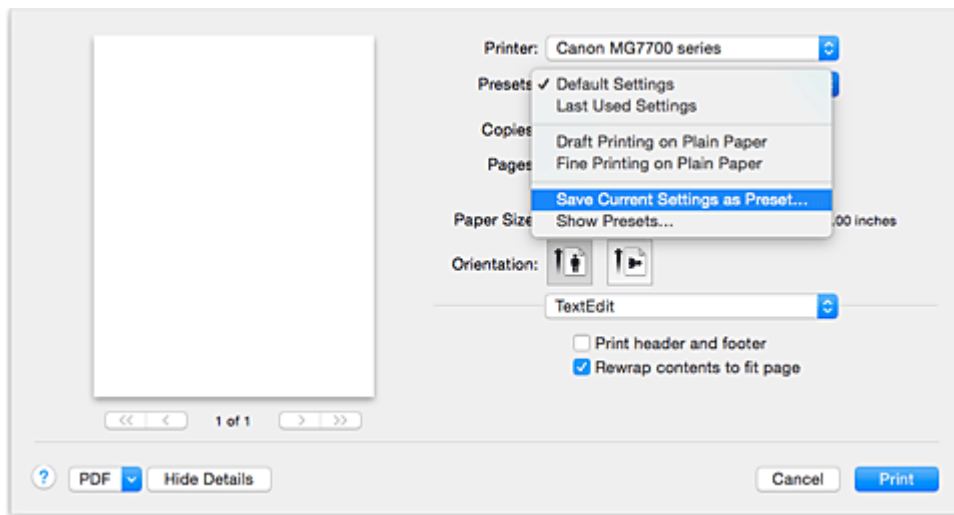
Registering a Changed Printing Profile

You can name and register the printing profile you made in the [Print Dialog](#). The registered printing profile can be called up from **Presets** to be used. You can also delete the unnecessary printing profile.

The procedure for registering a printing profile is as follows:

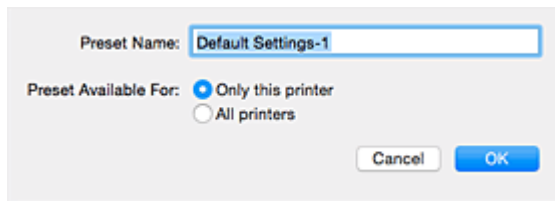
Registering a Printing Profile

1. In the Print dialog, set the necessary items
2. Select **Save Current Settings as Preset...** from the **Presets**



3. Save the settings

In the displayed dialog, enter a name in **Preset Name**, and if necessary, set **Preset Available For**. Then click **OK**.



»» Important

- There are also print settings that cannot be saved to preset.

Using Registered Printing Profile

1. On **Presets** in the Print dialog, select the name of printing profile you want to use
Printing profile in the Print dialog will be updated to the called profile.

Deleting Unnecessary Printing Profile

1. Select the printing profile to be deleted

In the print dialog, select **Show Presets...** in the **Presets** section. Then in the dialog that appears, select the name of the printing profile to be deleted.

2. Delete the printing profile

Click **Delete**, and click **OK**. The selected printing profiles will be deleted from **Presets**.

Managing the Printer Power

This function allows you to manage the printer power from the printer driver.

The procedure for managing the printer power is as follows:



Power Off

The **Power Off** function turns off the printer. When you use this function, you will not be able to turn the printer on from the printer driver.

1. Select **Power Settings** from the pop-up menu on the [Canon IJ Printer Utility](#)
2. Execute power off

Click **Power Off**, and when the confirmation message appears, click **OK**.

The printer power switches off.



Auto Power

Auto Power allows you to set **Auto Power On** and **Auto Power Off**.

The **Auto Power On** function automatically turns on the printer when data is received.

The **Auto Power Off** function automatically turns off the printer when there are no operations from the printer driver or the printer for a specified period of time.

1. Select **Power Settings** from the pop-up menu on the [Canon IJ Printer Utility](#)
2. Check that the printer is on, and then click **Auto Power**

A dialog appears.

▶▶▶ Note

- If the printer is off or if communication between the printer and the computer is disabled, an error message may appear because the computer cannot collect the printer status.

3. If necessary, complete the following settings:

Auto Power On

Specifying **Enable** from the list will turn the printer on upon receipt of print data.

Auto Power Off

Specify the time from the list. When this time lapses without any operations from the printer driver or the printer, the printer is turned off automatically.

4. Apply the settings

The setting is enabled after this. When you want to disable this function, select **Disable** from the list according to the same procedure.

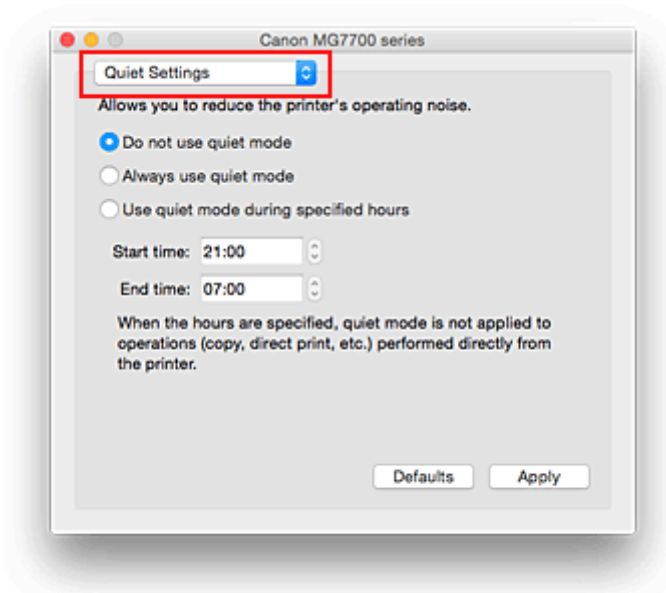
Reducing the Printer Noise

The silent function allows you to reduce the operating noise of this printer. Select when you wish to reduce the operating noise of the printer at night, etc.

Using this function may lower the print speed.

The procedure for using the quiet mode is as follows:

1. Select **Quiet Settings** from the pop-up menu on the [Canon IJ Printer Utility](#)



▶▶▶ Note

- If the computer is unable to communicate with the printer, a message may be displayed because the computer cannot access the function information that was set on the printer. If this happens, click **Cancel** to display the most recent settings specified on your computer.

2. Set the quiet mode

If necessary, specify one of the following items:

Do not use quiet mode

Select this option when you wish to use the printer with volume of normal operating noise.

Always use quiet mode

Select this option when you wish to reduce the operating noise of the printer.

Use quiet mode during specified hours

Select this option when you wish to reduce the operating noise of the printer during a specified period of time.

Set the **Start time** and the **End time** of the quiet mode you wish to be activated. If both are set to the same time, the quiet mode will not function.

▶▶▶ Important

- You can set the quiet mode from the operation panel of the printer or the printer driver. No matter how you use to set the quiet mode, the mode is applied when you perform operations from the operation panel of the printer or printing and scanning from the computer.
- If you specify a time for **Use quiet mode during specified hours**, quiet mode is not applied to operations (copy, direct print, etc.) performed directly from the printer.

3. Apply the settings

Make sure that the printer is on and click **Apply**.

Click **OK** when the confirmation message appears.

The settings are enabled hereafter.

Note

- The effects of the quiet mode may be less depending on the print quality settings.

Changing the Printer Operation Mode

If necessary, switch between various modes of printer operation.

The procedure for configuring **Custom Settings** is as follows:

1. Make sure that the printer is on, and then select **Custom Settings** from the pop-up menu on the [Canon IJ Printer Utility](#)

▶▶▶ Note

- If the computer is unable to communicate with the printer, a message may be displayed because the computer cannot access the function information that was set on the printer. If this happens, click **Cancel** to display the most recent settings specified on your computer.

2. If necessary, complete the following settings:

Ink Drying Wait Time

You can set the length of the printer rest time until printing of the next page begins. Moving the slider to the right increases the pause time, and moving the slider to the left decreases the time. If the paper gets stained because the next page is ejected before the ink on the printed page dries, increase the ink drying wait time. Reducing the ink drying wait time speeds up printing.

Detects a printable disc in the disc tray

Detects whether a printable disc is loaded on the disc tray during disc label printing and displays a message if a disc is not loaded.

Check this check box to print with detecting whether a printable disc is loaded.

Uncheck this check box to print without detecting whether a printable disc is loaded.

▶▶▶ Important

- If you leave this check box unchecked, the printer may print to the disc tray even if a printable disc is not loaded on the disc tray. Therefore, you should check this check box under normal circumstances.
- If you load a printable disc that has already been printed onto the disc tray, the printer may detect that no printable disc is loaded on the disc tray. In this case, uncheck this check box.

Prevent paper abrasion

The printer can increase the gap between the print head and the paper during high-density printing to prevent paper abrasion.

Check this check box to prevent paper abrasion.

Align heads manually

Usually, the **Print Head Alignment** function of **Test Print** on the pop-up menu in the Canon IJ Printer Utility is set to automatic head alignment, but you can change it to manual head alignment. If the printing results of automatic print head alignment are not satisfactory, [perform manual head alignment](#).

Check this check box to perform the manual head alignment. Uncheck this check box to perform the automatic head alignment.

Don't detect mismatch of paper settings when printing from computer

When you print documents from your computer and the paper settings on the print dialog and the cassette paper information registered on the printer do not match, this setting disables the message display and allows you to continue printing.

To disable detection of paper setting mismatches, select this check box.

3. Apply the settings

Click **Apply** and when the confirmation message appears, click **OK**.

The printer operates with the modified settings hereafter.


Changing Settings from Operation Panel

- **Changing Settings from Operation Panel**
- **Print settings**
- **LAN settings**
- **Device user settings**
- **PictBridge print settings**
- **Language selection**
- **Home screen background color**
- **Firmware update**
- **Cassette settings**
- **Reset setting**
- **ECO settings**
- **Quiet setting**

Changing Settings from Operation Panel

This section describes the procedure to change the settings in the **Device settings** screen, taking the steps to specify **Extended copy amount** as an example.

1. [Make sure machine is turned on.](#)

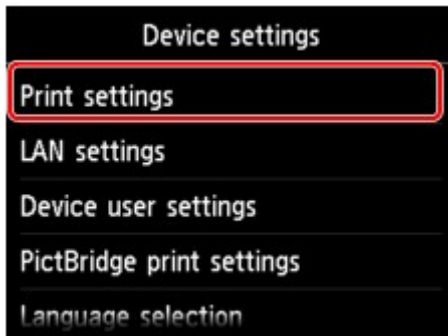
2. Flick HOME screen and tap  **Setup**.

 [Using the Operation Panel](#)

3. Tap  **Device settings**.

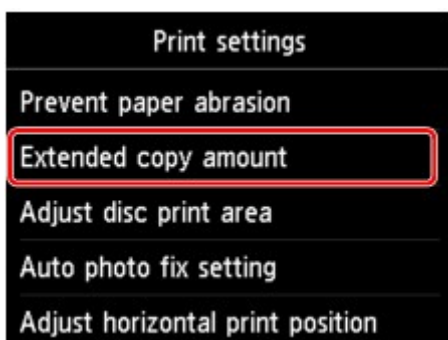
The **Device settings** screen is displayed.

4. Tap setting item to adjust.

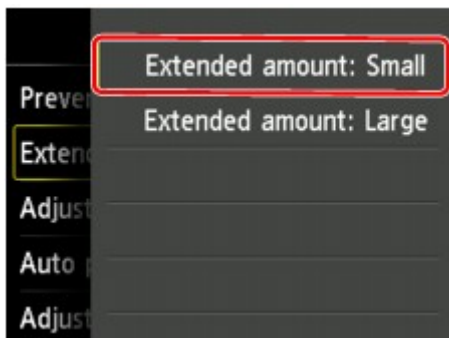


The setting screen for the selected item is displayed.

5. Tap setting item.



6. Tap setting to specify.



You can select the setting menus below.

■ [Print settings](#)

■ [LAN settings](#)

■ [Device user settings](#)

■ [PictBridge print settings](#)

■ [Language selection](#)

■ [Home screen background color](#)

■ [Firmware update](#)

■ [Cassette settings](#)

■ [Reset setting](#)

▶▶▶ Note

- You can use the machine considering the environment, such as setting 2-sided printing as default or enabling the machine to turn on/off automatically.

■ [ECO settings](#)

- You can reduce the operating noise when printing at night.

■ [Quiet setting](#)

Print settings

- **Prevent paper abrasion**

Use this setting only if the print surface becomes smudged.

▶▶▶ Important

- Be sure to set this back to **OFF** after printing since it may result in lower printing speed or lower print quality.

- **Extended copy amount**

Selects the amount of image that extends off the paper when printing in borderless (full).

Slight cropping may occur at the edges since the copied image is enlarged to fill the whole page. You can change the width to be cropped from the borders of the original image as needed.

▶▶▶ Important

- This setting can be applied under the following conditions:
 - Performing borderless copying
 - Borderless is selected for Border when copying printed photos

▶▶▶ Note

- If printouts contain margins even though you are printing in Borderless, specifying **Extended amount: Large** for this setting may help solve the problem.

- **Adjust disc print area**

You can adjust the disc printing area if the image is not aligned with the printable disc.

You can adjust the printing area in increments of 0.003 inches/0.1 mm between -0.03 inches/-0.9 mm and +0.03 inches/+0.9 mm.

- **Auto photo fix setting**

When **ON** is selected, you can select whether to print photos using the Exif information recorded in the image files in the following cases.

- **Auto photo fix** is selected for **Photo fix** when printing from a memory card.
- The print setting on the PictBridge (Wireless LAN) compliant device is set to **Default*** or **On** when printing with a PictBridge (Wireless LAN) compliant device.

* When **Default** is selected for the print setting on the PictBridge (Wireless LAN) compliant device, select **Auto photo fix** for **Photo fix** in **PictBridge print settings**.

- **Adjust horizontal print position**

Adjusts the print position when the left/right margins are not aligned.

You can adjust the left/right margins in increments of 0.003 inches/0.1 mm between -0.1 inches/-3 mm and +0.1 inches/+3 mm centered on the horizontal center of the paper.

▶▶▶ Important

- For Letter-sized or Legal-sized paper, you can adjust the left/right margins between -0.05 inches/-1.5 mm and +0.05 inches/+1.5 mm even if you specify the value over 0.05 inches/1.5 mm.

LAN settings

- **Change LAN**

Enables either wireless LAN, wired LAN, or direct connection. You can also disable all.

- **Wireless LAN setup**

Selects the setup method for wireless LAN connection.

»» Note

• You can also enter this setting menu by selecting **LAN settings** on the HOME screen. In this case, enable wireless LAN.

- **Cableless setup**

Select if you specify the settings of the access point information to the machine directly from a device (such as a smartphone) without operating the wireless router. Follow the on-screen instructions of the connecting device for the setup procedure.

- **Standard setup**

Select when you perform settings for wireless LAN manually using the operation panel of the machine.

- **WPS (Push button method)**

Select when you perform settings for wireless LAN using a wireless router supporting a Wi-Fi Protected Setup (WPS) push button method. Follow the on-screen instructions during setup.

- **Other setup**

- **Advanced setup**

Select when you perform settings for wireless LAN manually. You can specify multiple WEP keys.

- **WPS (PIN code method)**

Select when you perform settings for wireless LAN using a wireless router supporting a Wi-Fi Protected Setup (WPS) PIN code method. Follow the on-screen instructions during setup.

- **Confirm LAN settings**

The list of wireless/wired LAN settings or the direct connection of this machine is displayed on the touch screen. Selecting **Print LAN details** allows you to print the list.

- **WLAN setting list**

The list of wireless LAN settings of this machine is displayed on the touch screen.

The following setting items are displayed.

Items	Setting
Connection	Active/Inactive
SSID	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX (up to 32 characters)
Communication mode	Infrastructure
Channel	XX (up to 2 digits)

Wireless LAN security	Inactive/WEP(64bit)/WEP(128bit)/WPA-PSK(TKIP)/WPA-PSK(AES)/WPA2-PSK(TKIP)/WPA2-PSK(AES)
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)
IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)
IPv6 address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 subnet prefix length	XXX (up to 3 digits)
IPv6 default gateway	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	Enable (ESP)/Enable (ESP & AH)/Enable (AH)/Disable
Pre-shared key	XXXXXXXXXXXXXXXXXXXX (16 characters)
Printer name	XXXXXXXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX (up to 52 characters)

("XX" represents alphanumeric characters.)

- **LAN setting list**

The list of wired LAN settings of this machine is displayed on the touch screen.

The following setting items are displayed.

Items	Setting
Connection	Active/Inactive
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)
IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)
IPv6 address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 subnet prefix length	XXX (up to 3 digits)
IPv6 default gateway	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	Enable (ESP)/Enable (ESP & AH)/Enable (AH)/Disable
Pre-shared key	XXXXXXXXXXXXXXXXXXXX (16 characters)

Printer name	XXXXXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX (up to 52 characters)

("XX" represents alphanumeric characters.)

- **Direct connection setting list**

The list of direct connection settings of this machine is displayed on the touch screen.

The following setting items are displayed.

Items	Setting
Connection	Active/Inactive
SSID	DIRECT-XXXX-XXXXXXseries
Password	XXXXXXXXXX (10 characters)
Communication mode	Direct connection
Channel	3
Wireless LAN security	WPA2-PSK(AES)
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)
IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)
IPv6 address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 subnet prefix length	XXX (up to 3 digits)
IPv6 default gateway	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	Disable
Pre-shared key	XXXXXXXXXXXXXXXXXXXX (16 characters)
Printer name	XXXXXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX (up to 52 characters)
Direct connection device name	XXXXXX-XXXXXXseries

("XX" represents alphanumeric characters.)

- **Print LAN details**

You can print out the network settings of the machine such as its IP address and SSID.

For more information on the machine's network setting is printed out:

 [Printing Network Settings](#)

Important

- The network settings printout contains important information about your network. Handle it with care.

• Other settings

Important

- You cannot select the items below when **Disable LAN** is selected for **Change LAN**.

◦ **Set printer name**

Specifies the printer name. You can use up to 15 characters for the name.

Note

- You cannot change this setting with the memory card inserted in the card slot.
- You cannot use the same printer name as that already used for other LAN connected devices.
- You cannot use a hyphen for the initial or last character of the printer name.

◦ **TCP/IP settings**

Performs IPv4 or IPv6 setting.

◦ **WSD setting**

Setting items when you use WSD (one of the network protocols supported in Windows 8.1, Windows 8, Windows 7, and Windows Vista).

■ **Enable/disable WSD**

Selects whether WSD is enabled or disabled.

Note

- When this setting is enabled, the printer icon is displayed on the Network Explorer in Windows 8.1, Windows 8, Windows 7, and Windows Vista.

■ **WSD scan from this device**

Selecting **Enable** allows you to transfer the scanned data to the computer using WSD.

■ **Timeout setting**

Specifies the timeout length.

◦ **Bonjour settings**

Setting items for LAN using Bonjour for Mac OS.

■ **Enable/disable Bonjour**

Selecting **Enable** allows you to use Bonjour to perform the network settings.

■ **Service name**

Specifies the Bonjour service name. You can use up to 48 characters for the name.

»»» Note

- You cannot use the same service name as that already used for other LAN connected devices.

◦ LPR protocol setting

Enables/disables the LPR setting.

◦ PictBridge communication

Setting items for printing from a PictBridge (Wireless LAN) compliant device.

■ Enable/disable communication

Selecting **Enable** allows you to print from a PictBridge (Wireless LAN) compliant device.

■ Timeout setting

Specifies the timeout length.

◦ Wired LAN DRX setting

Selecting **Enable** allows you to activate discontinuous reception when the machine is connected to a device compatible with wired LAN. It allows you to save electricity.

◦ Direct connection settings

Setting items are available when you connect a wireless communication device such as a smartphone or tablet to the machine.

»»» Important

- You can select these setting items only when **Activate direct connect.** is selected for **Change LAN.**

■ Update SSID/password

Selecting **Yes** updates the identifier (SSID) and password for direct connection.

■ Change device name

Changes the machine's name displayed on a Wi-Fi Direct compatible device.

■ Connection request confirmation

Selecting **Yes** displays the confirmation screen when a Wi-Fi Direct compatible device is connecting the machine.

■ [Using Machine with Direct Connection](#)

Device user settings

- **Date display format**

Changes the display format of dates when printed.

▶▶▶ Note

- When **ON** is selected for **Print date** on the print settings screen in printing from a memory card, the date is printed in the date display format you selected.

■ [Setting Items for Photo Printing Using Operation Panel](#)

- **Read/write attribute**

Selects whether to allow data to be written onto memory cards from a computer.

▶▶▶ Important

- Remove the memory card before changing this setting.
 - [Setting Up Card Slot as Memory Card Drive of Computer](#)
- If you set this setting to **Writable from USB PC**, you cannot print photos on a memory card using the operation panel of the machine. After you finish operation of the memory card dedicated drive, be sure to set it back to **Not writable from PC**. When you turn off the machine, **Writable from USB PC** will be canceled and the setting is returned to **Not writable from PC** when you turn on the machine next time.
- When **Writable from USB PC** is selected, the auto power off setting is inactive.

For more on the auto power off setting:

■ [ECO settings](#)

- **Sound control**

Selects the volume.

- **Keypad volume**

Selects the beep volume when tapping the touch screen or the buttons on the operation panel.

- **Alarm volume**

Selects the alarm volume.

- **Device info sending setting**

Selects whether you will send the printer usage information to Canon server. The information sent to Canon will be utilized to develop better products. Select **Agree** to send the printer usage information to Canon server.

- **NFC setting**

If you select **Enable**, you can print or scan using NFC (Near Field Communication).

- **Energy saving settings**

Allows you to turn on/off the machine automatically to save electricity.

- **Auto power off**

Specifies the length of time to turn off the machine automatically when no operation is made or no printing data is sent to the machine.

- **Auto power on**

Selecting **ON** enables the machine to turn on automatically when a scanning command from a computer or printing data is sent to the machine.

-
- You can also enter this setting menu by selecting **ECO settings** and **Energy saving settings** on the HOME screen.

■ [ECO settings](#)

- **Serial number**

Displays machine's serial number.

PictBridge print settings

You can change the print settings when printing from a PictBridge (Wireless LAN) compliant device.

Set the print settings to **Default** on the PictBridge (Wireless LAN) compliant device when you want to print according to the settings on the machine.

■ PictBridge print settings Screen

■ Disc label print setting Screen

To change print settings from the PictBridge (Wireless LAN) compliant device:

■ Settings on a PictBridge (Wireless LAN) Compliant Device

PictBridge print settings Screen

Select the print quality, when printing directly from a PictBridge (Wireless LAN) compliant device.



1. Page size

Select the paper size when printing directly from a PictBridge (Wireless LAN) compliant device.

When you perform PictBridge (Wireless LAN) settings from the machine, set **Paper size** to **Default** on the PictBridge (Wireless LAN) compliant device.

2. Type (Media type)

Select the media type when printing directly from a PictBridge (Wireless LAN) compliant device.

When you perform PictBridge (Wireless LAN) settings from the machine, set **Paper type** to **Default** on the PictBridge (Wireless LAN) compliant device.

3. Print qlty (Print quality)

Select the print quality when printing directly from a PictBridge (Wireless LAN) compliant device.

4. Border (Bordered/Borderless print)

Select the bordered/borderless layout.

When you perform PictBridge (Wireless LAN) settings from the machine, set **Layout** to **Default** on the PictBridge (Wireless LAN) compliant device.

5. Photo fix

When **Auto photo fix** is selected, the scene or person's face of a shot photo is recognized and the most suitable correction for each photo is made automatically. It makes a darkened face by backlight

brighter to print. It also analyzes a scene such as scenery, night scene, person, etc. and corrects each scene with the most suitable color, brightness, or contrasts automatically to print.

»» Note

- As a default, photos on a PictBridge (Wireless LAN) compliant device are printed with auto correction applied.
- If **No correction** is selected, photos are printed without correction.

6. Red-EyeCorrection

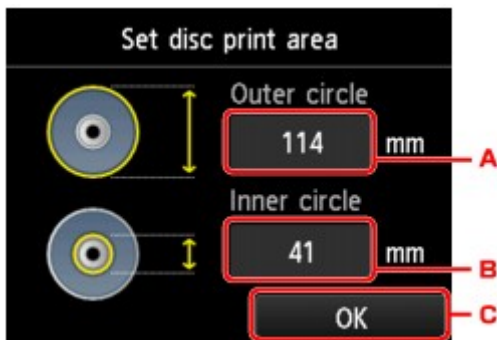
Select **ON** to correct red eyes in portraits caused by flash photography.

Depending on the type of the photo, red eyes may not be corrected or parts other than the eyes may be corrected.

7. Tap to specify the print settings.

Disc label print setting Screen

The **Set disc print area** screen is displayed, and you can perform settings for printing on a printable disc from a PictBridge (Wireless LAN) compliant device.



Follow the procedure below to perform disc label print setting.

1. Adjust the printing area (the outer/inner diameter of the printable disc).
 - A. Tap to specify the outer diameter.
 - B. Tap to specify the inner diameter.
 - C. Tap to specify the printing area.

»» Note

- Measure the outer and inner diameters of the printing surface of the printable disc and make sure you set a value smaller than the measured value for the outer diameter, and a value larger than the measured value for the inner diameter.
- Contact the manufacturers of printable discs for details.

2. Select the type of the printable disc you use.

»» Note

- If your printable disc is the recommended disc, tap **Recommended disc** for the suitable density printing. If not, tap **Other disc**.

Language selection

Changes the language for the messages and menus on the touch screen.

Home screen background color

Selects the background color of the HOME screen. You can select black or white.

Firmware update

You can update the firmware of the machine, check the firmware version, or perform settings of a notification screen, a DNS server and a proxy server.

▶▶▶ Note

- Only **Check current version** is available when **Disable LAN** is selected for **Change LAN** in **LAN settings**.

- **Install update**

Performs the firmware update of the machine. If you select **Yes**, the firmware update starts. Follow the on-screen instructions to perform update.

▶▶▶ Important

- When you use this function, make sure the machine is connected to the Internet.

▶▶▶ Note

- If the firmware update is not complete, check the following and take an appropriate action.
 - When using wired LAN, make sure the machine is connected to the computer with a LAN cable properly.
 - Check the network settings such as a router.
 - If **Cannot connect to the server.** is displayed on the touch screen, tap **OK** and try again after a while.

- **Check current version**

You can check the current firmware version.

- **Update notification setting**

When **Yes** is selected and the firmware update is available, the screen to inform you of the firmware update is displayed on the touch screen.

- **DNS server setup**

Performs settings for a DNS server. Select **Auto setup** or **Manual setup**. If you select **Manual setup**, follow the display on the touch screen to perform settings.

- **Proxy server setup**

Performs settings for a proxy server. Follow the display on the touch screen to perform settings.

Cassette settings

By registering the paper size and the media type loaded in the cassette, you can prevent the machine from misprinting by displaying the message before printing starts when the paper size or the media type of the loaded paper differs from the print settings.

For details:

[Paper Settings](#)

- **Register cassette paper info**

Registers the paper size and the media type you load in the cassette.

Note

- When you register the paper size and the media type, the screen to select whether you apply the settings to those for copying is displayed. Select **Yes** to apply the registered settings to copying.
- For more on the combination of paper settings you can specify by the printer driver or on the touch screen:
 - For Windows:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)
 - For Mac OS:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

- **Detect paper setting mismatch**

If you select **Yes**, the machine detects whether the paper size and the media type are identical with those registered in **Register cassette paper info**. If printing starts with the settings that do not match, an error message is displayed on the touch screen.

Note

- When **No** is selected, **Register cassette paper info** is disabled.

Reset setting

You can set the settings back to the default.

- **Web service setup only**

Sets the Web service settings back to the default.

- **LAN settings only**

Sets the LAN settings other than the administrator password back to the default.

- **Settings only**

Sets the settings such as the paper size or media type back to the default.

- **Device info sending setting only**

Sets only the device information sending settings back to the default.

- **Reset all**

Sets all settings you made to the machine back to the default. The administrator password specified for the machine is set to the default setting.

▶▶▶ Note

- You cannot set the following setting items back to the default:
 - The language displayed on the touch screen
 - The background color of the HOME screen
 - The current position of the print head
 - CSR (Certificate Signing Request) for encryption method (SSL/TLS) setting

ECO settings

This setting allows you to use automatic duplex printing as a default to save paper and to turn on/off the machine automatically to save electricity.


■ ■ [Using Duplex Printing](#)

■ ■ [Using Power Saving Function](#)

Using Duplex Printing

Follow the procedure below to use duplex printing.

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **ECO settings**.

■ ■ [Using the Operation Panel](#)


3. Tap **Two-sided printing setting**.

4. Specify settings as necessary.



- A. Tap to select two-sided copying as a default.
- B. Tap to select duplex printing PDF files saved on a memory card as a default.
- C. Tap to select two-sided printing of template forms on the machine as a default.
- D. Tap to specify the print settings.


▶▶ Note

- When duplex printing is selected, the  icon is displayed on the setting items for duplex printing on each print setting screen.

Using Power Saving Function

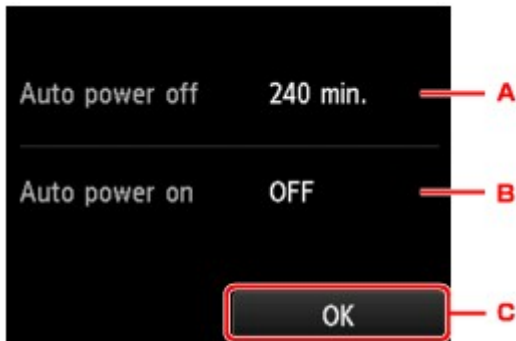
Follow the procedure below to use power saving function.

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **ECO settings**.

■ [Using the Operation Panel](#)

3. Tap **Energy saving settings**.
4. Specify settings as necessary.



- A. Tap to specify the length of time to turn the machine off automatically when no operation is made or no printing data is sent to the machine.

▶▶▶ **Note**

- When **Writable from USB PC** is selected for **Read/write attribute** under **Device user settings**, the Auto power off setting is invalid.

- B. Tap to select the setting.

Selecting **ON** enables the machine to turn on automatically when a scanning command from a computer or printing data is sent to the machine.


- C. Tap to check the settings.

Quiet setting

Enables this function on the machine if you want to reduce the operating noise, such as when printing at night.

Follow the procedure below to perform setting.

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **Quiet setting**.

■ [Using the Operation Panel](#)

3. Tap **Use quiet mode**.

The confirmation screen is displayed and the  icon appears as the **Quiet setting** menu icon.

Activate this setting to reduce the operating noise while printing is in progress.

▶▶ Important

- Operating speed is reduced compared to when **Do not use quiet mode** is selected.
- This function may not be so effective depending on the machine's setting. Furthermore, certain noise, such as when the machine is preparing for printing, is not reduced.

▶▶ Note

- You can set the quiet mode from the operation panel of the machine or the printer driver. No matter how you set the quiet mode, the mode is applied when you perform operations from the operation panel of the machine or printing and scanning from the computer.
- For Windows, you can set the quiet mode from ScanGear (scanner driver).

Setting Up Card Slot as Memory Card Drive of Computer

- ▶ [Setting Up Card Slot as Memory Card Drive of Computer](#)

Setting Up Card Slot as Memory Card Drive of Computer

The card slot of the machine can also be used as the memory card drive of the computer.

▶▶▶ Important


- When **Read/write attribute** in **Device user settings** under **Device settings** is set to **Writable from USB PC** using the operation panel of the machine, you cannot print photos on a memory card using the operation panel of the machine. After using the card slot as the memory card drive of the computer, remove the memory card and be sure to set **Read/write attribute** to **Not writable from PC**. When you turned off the machine, **Writable from USB PC** will be canceled and the setting is returned to **Not writable from PC** when you turn on the machine next time.

1. [Make sure machine is turned on.](#)

2. Make sure memory card is not set.

If the memory card is set, remove it from the card slot.

■ [Inserting the Memory Card](#)

3. Flick HOME screen and tap  **Setup**.

■ [Using the Operation Panel](#)

4. Tap  **Device settings**.

5. Tap **Device user settings**.

6. Tap **Read/write attribute**.

7. Check message that is displayed and tap **OK**.

8. Tap read/write attribute to specify setting.

Writable from USB PC

The card slot is used as the memory card drive of a computer connected to the machine via USB. Data can be written on the memory card from the computer.

Not writable from PC

The card slot is used only for reading. Be sure to select this mode when printing photos from a memory card.

▶▶▶ Important

- When **Writable from USB PC** is selected, the auto power off setting is inactive.


For more on the auto power off setting:

■ [ECO settings](#)


»» Important

- If you use the card slot as the memory card drive of the computer, you need to perform a "safe removal" operation on your computer before physically removing the memory card from your machine.

- For Windows:

Right-click the  **Removable Disk** icon and click **Eject**. If **Eject** is not displayed on the screen, make sure the **Access** lamp is not flashing and remove the memory card.

- For Mac OS:

Drag the  (Mount drive) icon into the **Trash**.

Network Connection

- ▶ [Network Connection Tips](#)

Network Connection Tips

- ▶ **Default Network Settings**
- ▶ **Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen**
- ▶ **Another Printer Found with Same Name**
- ▶ **Connecting to Another Computer via LAN/Changing from USB to LAN Connection**
- ▶ **Printing Network Settings**

Default Network Settings

LAN Connection Defaults

Item	Default
Change LAN	Disable LAN
SSID	BJNPSETUP
Communication mode	Infrastructure
Wireless LAN security	Disable
IP address (IPv4)	Auto setup
IP address (IPv6)	Auto setup
Set printer name*	XXXXXXXXXXXX
Enable/disable IPv6	Enable
Enable/disable WSD	Enable
Timeout setting	1 minute
Enable/disable Bonjour	Enable
Service name	Canon MG7700 series
LPR protocol setting	Enable
PictBridge communication	Enable
Wired LAN DRX setting	Enable

("XX" represents alphanumeric characters.)

* Default value depends on machine. To check value, use operation panel.

 [LAN settings](#)

Direct Connection Defaults

Item	Default
SSID (Identifier for direct connection)	DIRECT-xxXX-MG7700series *1
Password	YYYYYYYYYY *2
Wireless LAN security	WPA2-PSK (AES)
Direct connection device name	ZZZZZZ-MG7700series *3
Connection request confirmation	Displayed

*1 "xx" represents alphanumeric characters. "XX" represents last two digits of machine's MAC address.

*2 The password is specified automatically.

*3 "ZZZZZZ" represents last six digits of machine's MAC address.

Another Printer Found with Same Name

When the printer is found during setup, other printers with the same name may appear on the results screen.

Select a printer with checking the printer settings against those on detection result screen.

- For Windows:

Check the printer's MAC address or serial to select the correct printer from the results.

- For Mac OS:

The printer names appear with the MAC address added at the end or as the printer name specified by Bonjour.

Check identifiers such as the MAC address, the printer name specified by Bonjour, and the printer's serial number to select the printer from among those that appear.

▶▶▶ Note

- Serial number may not appear on result screen.

Check the printer's MAC address and the serial number by one of the following methods.

- Display on the touch screen.

MAC address

■ [LAN settings](#)

Serial number

■ [Device user settings](#)

- Print the network settings.

■ [Printing Network Settings](#)

Connecting to Another Computer via LAN/Changing from USB to LAN Connection

■ [For Windows:](#)

■ [For Mac OS:](#)

For Windows:

To add a computer to connect to the machine on a LAN or to change from USB to LAN connection, perform setup using the Setup CD-ROM or follow the instructions on the Canon website.

For Mac OS:

To connect an additional computer to the machine via LAN, or to change from USB to LAN connection, follow the instructions on the Canon website.


Printing Network Settings

Use the operation panel to print the machine's current network settings.

▶▶▶ Important

- The network settings printout contains important information about your network. Handle it with care.

1. [Make sure machine is turned on.](#)
2. [Load two sheets of A4 or Letter-sized plain paper.](#)

3. Flick HOME screen and tap  **Setup.**

■ [Using the Operation Panel](#)

The menu screen appears.

4. Tap  **Device settings.**

5. Tap **LAN settings.**

6. Tap **Confirm LAN settings.**

7. Tap **Print LAN details.**

8. Tap **Yes.**

The machine starts printing network settings information.

The printed network settings information is as follows:

Item	Description	Setting
Product Information	Product information	–
Product Name	Product name	XXXXXXXX
ROM Version	ROM version	XXXXXXXX
Serial Number	Serial number	XXXXXXXX
Wireless LAN	Wireless LAN	Enable/Disable
MAC Address	MAC address	XX:XX:XX:XX:XX:XX
Infrastructure	Infrastructure	Enable/Disable
Connection	Connection status	Active/Inactive
SSID	SSID	Wireless LAN SSID
Channel *1	Channel	XX (1 to 11)

Encryption	Encryption method	None/WEP/TKIP/AES
WEP Key Length	WEP key length (bits)	Inactive/128/64
Authentication	Authentication method	None/auto/open/shared/WPA-PSK/WPA2-PSK
Signal Strength	Signal strength	0 to 100 [%]
TCP/IPv4	TCP/IPv4	Enable
IP Address	IP address	XXX.XXX.XXX.XXX
Subnet Mask	Subnet mask	XXX.XXX.XXX.XXX
Default Gateway	Default gateway	XXX.XXX.XXX.XXX
TCP/IPv6	TCP/IPv6	Enable/Disable
IP Address *2	IP address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Subnet Prefix Length *2	Subnet prefix length	XXX
Default Gateway *2	Default gateway	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IPsec *3	IPsec setting	Active
Security Protocol *3	Security method	ESP/ESP & AH/AH
Direct Connection	Direct connection	Enable/Disable
Connection	Connection status	Active/Inactive
SSID	SSID	Direct Connection SSID
Password	Password	Direct Connection password (10 alphanumeric characters)
Channel	Channel	3
Encryption	Encryption method	AES
Authentication	Authentication method	WPA2-PSK
TCP/IPv4	TCP/IPv4	Enable
IP Address	IP address	XXX.XXX.XXX.XXX
Subnet Mask	Subnet mask	XXX.XXX.XXX.XXX
Default Gateway	Default gateway	XXX.XXX.XXX.XXX
TCP/IPv6	TCP/IPv6	Enable/Disable
IP Address *2	IP address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Subnet Prefix Length *2	Subnet prefix length	XXX

Default Gateway *2	Default gateway	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IPsec *3	IPsec setting	Active
Security Protocol *3	Security method	–
Wired LAN	Wired LAN	Enable/Disable
MAC Address	MAC address	XX:XX:XX:XX:XX:XX/Disable
Connection	Wired LAN status	Active/Inactive
TCP/IPv4	TCP/IPv4	Enable
IP Address	IP address	XXX.XXX.XXX.XXX
Subnet Mask	Subnet mask	XXX.XXX.XXX.XXX
Default Gateway	Default gateway	XXX.XXX.XXX.XXX
TCP/IPv6	TCP/IPv6	Enable/Disable
IP Address *2	IP address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Subnet Prefix Length *2	Subnet prefix length	XXX
Default Gateway *2	Default gateway	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IPsec *3	IPsec setting	Active
Security Protocol *3	Security method	ESP/ESP & AH/AH
Wired LAN DRX	Discontinuous reception (wired LAN)	Enable/Disable
Other Settings	Other settings	–
Printer Name	Printer name	Printer name (Up to 15 alphanumeric characters)
Direct Conn. DevName	Device name for direct connection	Device name for direct connection (Up to 32 characters)
WSD Printing	WSD printing setting	Enable/Disable
WSD Timeout	Timeout	1/5/10/15/20 [min]
LPD Printing	LPD printing setting	Enable/Disable
Bonjour	Bonjour setting	Enable/Disable
Bonjour Service Name	Bonjour service name	Bonjour service name (Up to 52 alphanumeric characters)
PictBridge Commun.	PictBridge communication	Enable/Disable
DNS Server	Obtain DNS server address automatically	Auto/Manual

Primary Server	Primary server address	XXX.XXX.XXX.XXX
Secondary Server	Secondary server address	XXX.XXX.XXX.XXX
Proxy Server	Proxy server setting	Enable/Disable
Proxy Address	Proxy address	XXXXXXXXXXXXXXXXXXXXXX
Proxy Port	Proxy port specification	1 to 65535

("XX" represents alphanumeric characters.)

*1 Channel may range from 1 to 11 depending on country or region of purchase.

*2 Network status is only printed when IPv6 is enabled.

*3 Network status is only printed when IPv6 and IPsec settings are enabled.

Network Communication (Mac OS)

- ▶ **Checking and Changing Network Settings**
- ▶ **Network Communication Tips**

Checking and Changing Network Settings

- ▶ **IJ Network Tool**
- ▶ **Canon IJ Network Tool Screen**
- ▶ **Canon IJ Network Tool Menus**
- ▶ **Changing Settings in Wireless LAN Sheet**
- ▶ **Changing WEP Detailed Settings**
- ▶ **Changing WPA/WPA2 Detailed Settings**
- ▶ **Changing Settings in Wired LAN Sheet**
- ▶ **Changing Settings in Admin Password Sheet**
- ▶ **Monitoring Wireless Network Status**
- ▶ **Changing Settings in Direct Connection**
- ▶ **Initializing Network Settings**
- ▶ **Viewing Modified Settings**

IJ Network Tool

IJ Network Tool is a utility that enables you to display and modify the machine network settings. It is installed when the machine is set up.

▶▶▶ Important

- To use the machine over LAN, make sure you have the equipment necessary for the connection type, such as a wireless router or a LAN cable.
- Do not start up IJ Network Tool while printing.
- Do not print when IJ Network Tool is running.
- If the firewall function of your security software is turned on, a message may appear warning that Canon software is attempting to access the network. If the warning message appears, set the security software to always allow access.

Starting up IJ Network Tool

1. Select **Applications** from **Go** menu of Finder, double-click **Canon Utilities > IJ Network Tool**, and then double-click the **Canon IJ Network Tool** icon.

Depending on the printer you are using, an administrator password is already specified for the printer at the time of purchase. When you change the network settings, authentication by the administrator password is required.

For details:

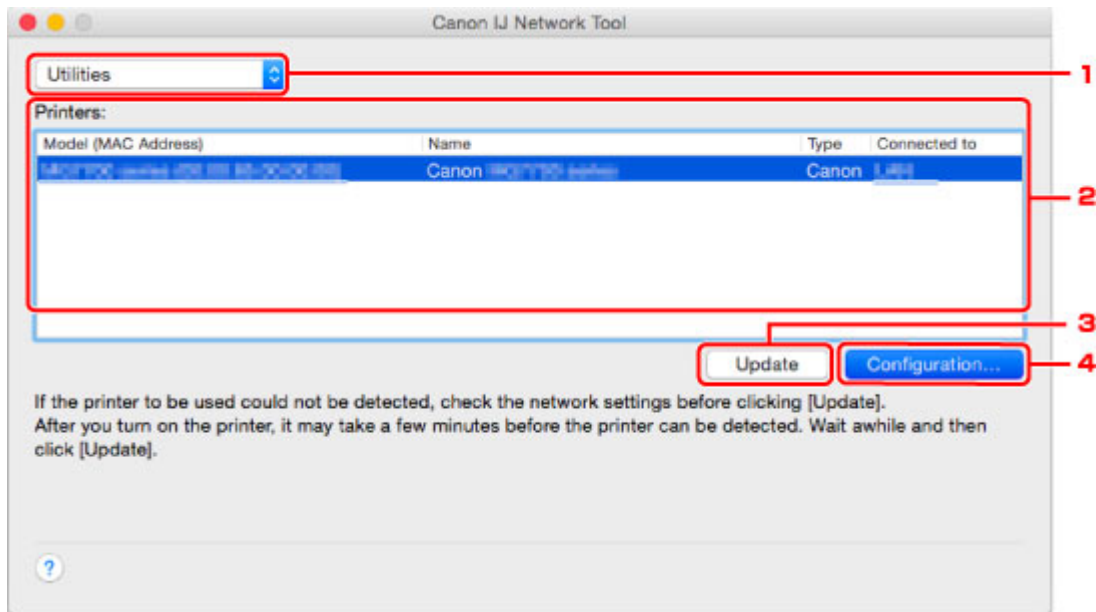
■ [Administrator Password](#)

For improving security, we recommend you change the administrator password.

■ [Changing Settings in Admin Password Sheet](#)

Canon IJ Network Tool Screen

This section describes the items displayed on the **Canon IJ Network Tool** screen.



1. Utilities

Modifies the settings of the machine.

Select to change the network name (SSID) settings.

Setup

Sets up the machine.

If you setup the machine from scratch, connect your computer and the machine with a USB cable.

2. Printers:

Printer name, type, and connection destination are displayed.

The selected printer can be set up or be modified.

3. Update

Performs printer detection again. Click this button if the target printer is not displayed.

»»» Important

- To change the printer's network settings using IJ Network Tool, it must be connected via a LAN.
- If the printer on a network is not detected, make sure the printer is turned on and click **Update**. It may take several minutes to detect printers. If the printer is not yet detected, connect the machine and the computer with a USB cable and click **Update**.
- If the printer is being used from another computer, a screen is displayed informing you of this condition.

»»» Note

- This item has the same function as **Refresh** in the **View** menu.

4. **Configuration...**

Enabled when **Utilities** is selected. Click to display the **Configuration** screen to configure settings of the selected printer.

Note

- This item has the same function as **Configuration...** in the **Settings** menu.

Canon IJ Network Tool Menus

This section describes the menus in **Canon IJ Network Tool**.



1. Canon IJ Network Tool menu

About Canon IJ Network Tool

Displays the version of this application.

Quit Canon IJ Network Tool

Exits IJ Network Tool.

2. View menu

Status

Displays the **Status** screen to check the printer connection status and wireless communication status.

In the direct connection (access point mode), this item is grayed out and you cannot check the printer connection status.

Refresh

Updates and displays the contents of **Printers**: to the latest information.

»» Important

- To change the printer's network settings using IJ Network Tool, it must be connected via a LAN.
- If the printer on a network is not detected, make sure the printer is turned on and select **Refresh**. It may take several minutes to detect printers. If the printer is not yet detected, connect the machine and the computer with a USB cable and select **Refresh**.
- If the printer is being used from another computer, a screen is displayed informing you of this condition.

»» Note

- This item has the same function as **Update** in the **Canon IJ Network Tool** screen.

Network Information

Displays the **Network Information** screen to check the network settings of the printer.

3. Settings menu

Configuration...

Displays the **Configuration** screen to configure settings of the selected printer.

»» Note

- This item has the same function as **Configuration...** in the **Canon IJ Network Tool** screen.

Maintenance...

Displays the **Maintenance** screen to return the network settings of the printer to factory default.

Set up printer's direct connection...

You can change or check the direct connection (access point mode) settings.

4. **Help** menu

Instructions

Displays this guide.

Changing Settings in Wireless LAN Sheet

To change the wireless network settings of the printer, connect the printer and the computer with a USB cable temporarily. If you modify the wireless network settings of the computer over wireless connection without USB connection, your computer may not be able to communicate with the machine after modifying the settings.

▶▶▶ Note

- This function is not available depending on the printer you are using.
- Enable the wireless LAN setting of the printer to change the settings in the **Wireless LAN** sheet.

1. [Start up IJ Network Tool.](#)

2. Select printer in **Printers:**.

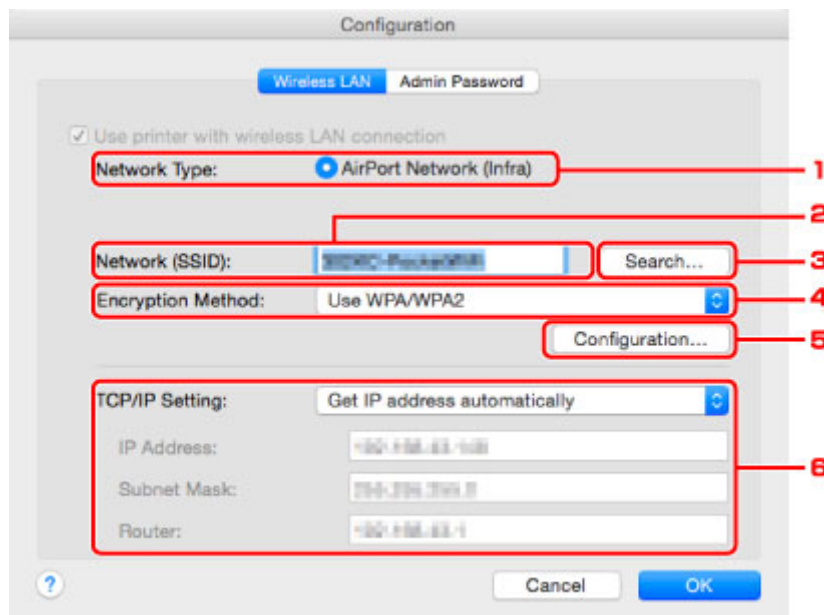
When the printer is connected to the computer with a USB cable temporarily, select the printer with **USB** appearing in the **Connected to** column.

3. Click **Configuration...** button.

4. Click **Wireless LAN** button.

5. Change or check settings.

Click **OK** after changing configuration. A screen is displayed asking you for confirmation before the settings are sent to the printer. If you click **OK**, the settings are sent to the printer and the **Transmitted Settings** screen is displayed.



1. **Network Type:**

Displays the wireless LAN mode currently selected.

AirPort Network (Infra)

Connects the printer to the wireless LAN with a wireless router.

Direct Connection

Connects external wireless communication devices (e.g. computers, smartphones, or tablets) to the printer using it as an access point (wireless router).

▶▶▶ Note

- When **Direct Connection** is displayed on **Network Type:**, you cannot change the settings on the **Wireless LAN** sheet or the **Admin Password** sheet.
- You can change or check the settings from **Set up printer's direct connection...** on the **Settings** menu when you use the printer with the direct connection (access point mode).
[■ Changing Settings in Direct Connection](#)

2. Network (SSID):

The network name (SSID) of the wireless LAN currently used is displayed.

▶▶▶ Note

- Enter the same SSID that the wireless router is configured to use. The SSID is case-sensitive.

In the direct connection (access point mode), the access point name (SSID) of the printer is displayed.

3. Search...

The **Wireless Routers** screen is displayed to select a wireless router to connect to.

[■ Wireless Routers Screen](#)

▶▶▶ Note

- When IJ Network Tool runs over a LAN, the button is grayed out and cannot be selected. Connect the printer and the computer with a USB cable temporarily to change the settings.

4. Encryption Method:

Select the encryption method used over the wireless LAN.

▶▶▶ Important

- If all encryption types of the wireless router, printer, or computer do not match, the printer cannot communicate with the computer. If the printer cannot communicate with the computer after the encryption type of the printer was switched, make sure encryption types for the computer and the wireless router match that set to the printer.
- If you connect to a network that is not protected with security measures, there is a risk of disclosing data such as your personal information to a third party.

Do Not Use

Select to disable encryption.

Use Password (WEP)

Transmission is encrypted using a WEP key you specified.

If a network password (WEP) has not been set, the **WEP Details** screen is displayed automatically. To change WEP settings set before, click **Configuration...** to display the screen.

[■ Changing WEP Detailed Settings](#)

Use WPA/WPA2

Transmission is encrypted using a network key you specified.

The security has been strengthened more than WEP.

If a network key has not been set, the **Authentication Type Confirmation** screen is displayed automatically. To change network key settings before, click **Configuration...** to display the **WPA/WPA2 Details** screen.

■ [Changing WPA/WPA2 Detailed Settings](#)

5. Configuration...

The detailed settings screen is displayed. The network password (WEP) or the WPA/WPA2 key selected in **Encryption Method**: can be checked and changed.

For more on WEP setting:

■ [Changing WEP Detailed Settings](#)

For more on WPA/WPA2 setting:

■ [Changing WPA/WPA2 Detailed Settings](#)

6. TCP/IP Setting:

Sets the IP address of the printer to be used over the LAN. Specify a value appropriate for your network environment.

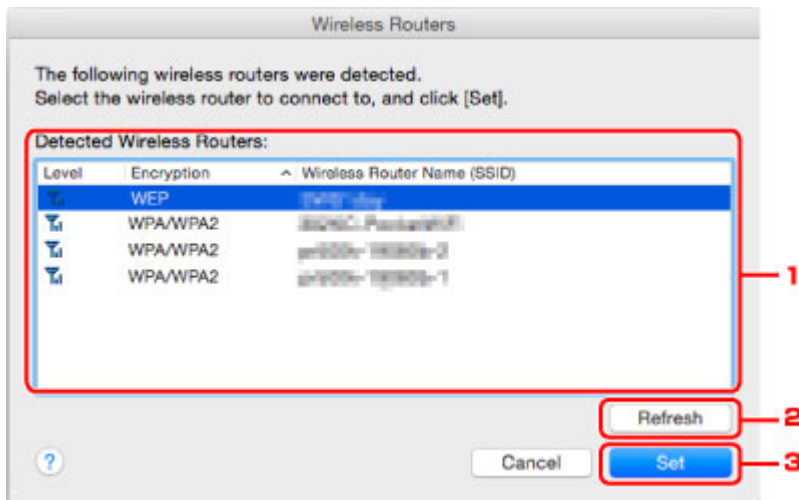
Get IP address automatically

Select this option to use an IP address automatically assigned by a DHCP server. DHCP server functionality must be enabled on your wireless router.

Use following IP address

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a particular IP address or a fixed IP address.

• Wireless Routers Screen



1. Detected Wireless Routers:


The signal strength from the wireless router, encryption type, name of wireless router, and the radio channel can be checked.


▶▶▶ Important


- If you connect to a network that is not protected with security measures, there is a risk of disclosing data such as your personal information to a third party.

»» Note

- Signal strength is displayed as follows.

 : Good

 : Fair

 : Poor

- Type of encryption is displayed as follows.

Blank: No encryption

WEP: WEP is set

WPA/WPA2: WPA/WPA2 is set

2. Refresh

Click to update the list of wireless routers when your target wireless router is not detected.

If the target wireless router is set to a closed network (the stealth mode), click **Cancel** to return to the previous screen and enter the network name (SSID) in **Network (SSID)**.

»» Note

- Make sure the wireless router is turned on.

3. Set

Click to set the network name (SSID) in **Network (SSID)**: on the **Wireless LAN** sheet.

»» Note

- The **WPA/WPA2 Details** screen or the **WEP Details** screen appears if the selected wireless router is encrypted. In this case, configure the details to use the same encryption settings set to the wireless router.
- Wireless routers that cannot be used by this machine (including those configured to use different encryption methods) are displayed grayed out and cannot be configured.

Changing WEP Detailed Settings

»» Note

- This function is not available depending on the printer you are using.

To change the wireless network settings of the printer, connect the printer and the computer with a USB cable temporarily. If you modify the wireless network settings of the computer over wireless connection without USB connection, your computer may not be able to communicate with the machine after modifying the settings.

1. [Start up IJ Network Tool.](#)

2. Select printer in **Printers:**.

When the printer is connected to the computer with a USB cable temporarily, select the printer with **USB** appearing in the **Connected to** column.

3. Click **Configuration...** button.

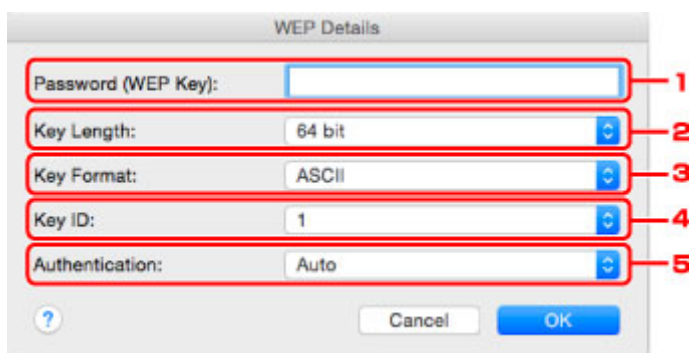
4. Click **Wireless LAN** button.

5. Select **Use Password (WEP)** in **Encryption Method:** and click **Configuration....**

The **WEP Details** screen is displayed.

6. Change or check settings.

When changing the password (WEP key), the same change must be made to the password (WEP key) of the wireless router.



1. **Password (WEP Key):**

Enter the same key as the one set to the wireless router.

The number of characters and character type that can be entered differ depending on the combination of the key length and key format.

		Key Length	
		64 bit	128 bit
Key Format	ASCII	5 characters	13 characters
	Hexadecimal (Hex)	10 digits	26 digits

2. **Key Length:**

Select either **64 bit** or **128 bit**.

3. **Key Format:**

Select either **ASCII** or **Hex**.

4. **Key ID:**

Select the Key ID (index) set to the wireless router.

»» Note

- When the printer is connected to an AirPort Base Station via a LAN:

When the printer is connected to an AirPort Base Station via a LAN, check the settings in **Wireless Security** of **AirPort Utility**.

- Select **64 bit** if **WEP 40 bit** is selected for the key length in the AirPort Base Station.
- Select **1** for **Key ID**:. Otherwise your computer will not be able to communicate with the printer via the wireless router.

5. **Authentication:**

Select the authentication method to authenticate the printer's access to the wireless router.

Normally, select **Auto**. If you want to specify the method manually, select **Open System** or **Shared Key** according to the setting of the wireless router.

7. Click **OK**.

»» Important

- If the printer cannot communicate with the computer after the encryption type of the printer was switched, make sure encryption types for the computer and the wireless router match that set to the printer.

Changing WPA/WPA2 Detailed Settings

»» Note

- This function is not available depending on the printer you are using.

To change the wireless network settings of the printer, connect the printer and the computer with a USB cable temporarily. If you modify the wireless network settings of the computer over wireless connection without USB connection, your computer may not be able to communicate with the machine after modifying the settings.

The example screenshots in this section refer to the WPA detailed settings.

1. [Start up IJ Network Tool.](#)

2. Select printer in **Printers:**.

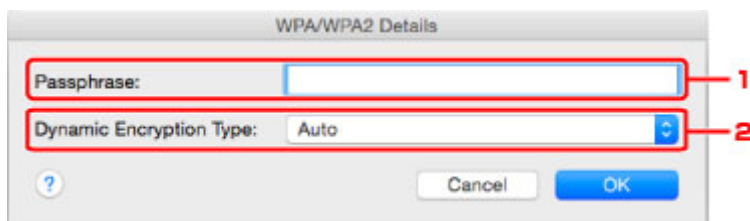
When the printer is connected to the computer with a USB cable temporarily, select the printer with **USB** appearing in the **Connected to** column.

3. Click **Configuration...** button.

4. Click **Wireless LAN** button.

5. Select **Use WPA/WPA2** in **Encryption Method:** and click **Configuration...**

6. Enter passphrase and click **OK**.



1. **Passphrase:**

Enter the passphrase set to the wireless router. The passphrase should be a string of 8 to 63 alphanumeric characters or a 64-digit hexadecimal value.

If you do not know the wireless router passphrase, refer to the instruction manual provided with the wireless router or contact its manufacturer.

2. **Dynamic Encryption Type:**

The dynamic encryption method is selected from either TKIP (basic encryption) or AES (secure encryption) automatically.

»» Important

- If **Auto** is not displayed on **Dynamic Encryption Type:**, select either **TKIP(Basic Encryption)** or **AES(Secure Encryption)**.
- If the printer cannot communicate with the computer after the encryption type of the printer was switched, make sure encryption types for the computer and the wireless router match that set to the printer.

»» Note

- This machine supports WPA/WPA2-PSK (WPA/WPA2-Personal) and WPA2-PSK (WPA2-Personal).

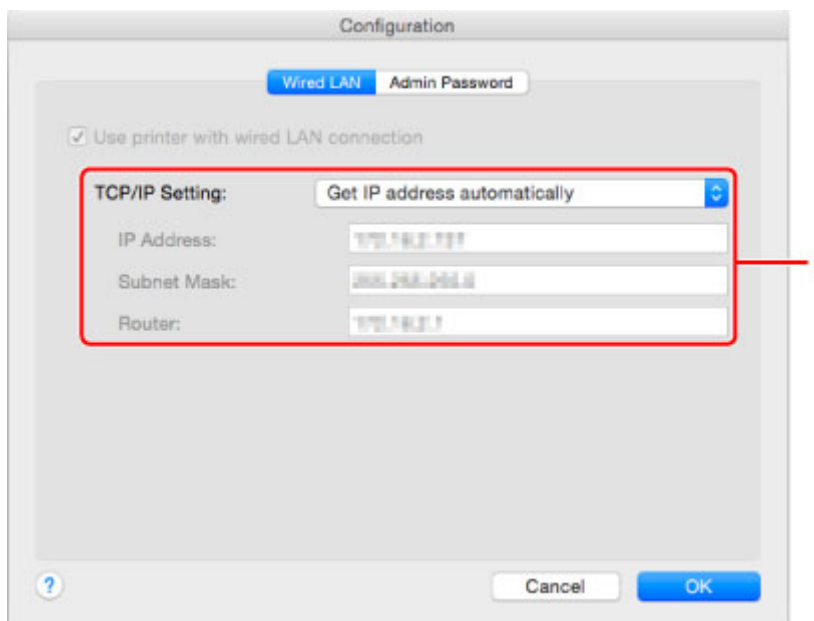
Changing Settings in Wired LAN Sheet

»» Note

- This function is not available depending on the printer you are using.
- Enable the wired LAN setting of the printer to change the settings in the **Wired LAN** sheet.

1. [Start up IJ Network Tool.](#)
2. Select printer in **Printers:**.
3. Click **Configuration...** button.
4. Click **Wired LAN** button.
5. Change or check settings.

Click **OK** after changing configuration. A screen is displayed asking you for confirmation before the settings are sent to the printer. If you click **OK**, the settings are sent to the printer and the **Transmitted Settings** screen is displayed.



1. TCP/IP Setting:

Sets the IP address of the printer to be used over the LAN. Specify a value appropriate for your network environment.

Get IP address automatically

Select this option to use an IP address automatically assigned by a DHCP server. DHCP server functionality must be enabled on your router.

Use following IP address

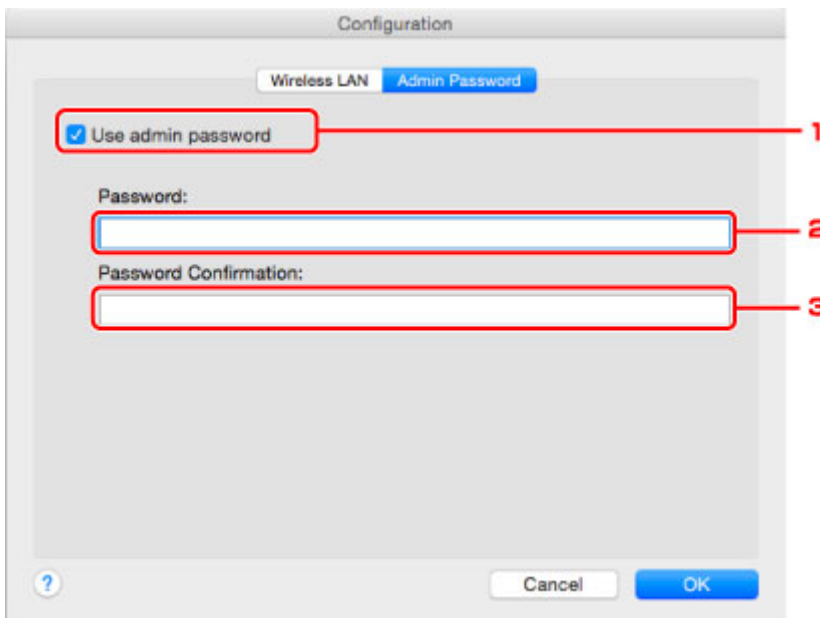
Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a particular IP address or a fixed IP address.

Changing Settings in Admin Password Sheet

»» Note

- You cannot change the settings when using the direct connection (access point mode).

1. [Start up IJ Network Tool.](#)
2. Select printer in **Printers:**.
3. Click **Configuration...** button.
4. Click **Admin Password** button.
The **Admin Password** sheet is displayed.
5. Change or check settings.



1. Use admin password

Sets an administrator password with privileges to set up and change detailed options. To use this feature, select this check box and enter a password.

»» Important

- The password should consist of 4 to 32 alphanumeric characters. The password is case-sensitive. Do not forget the password you set.

2. Password:

Enter the password to set.

3. Password Confirmation:

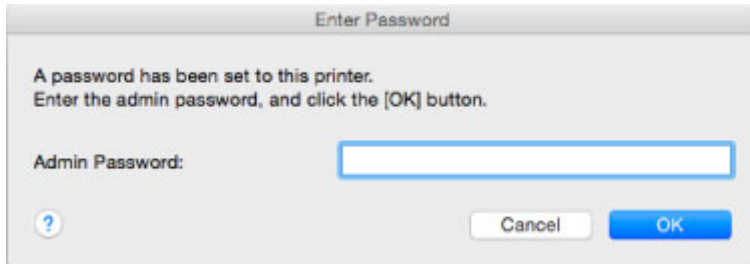
Enter the password again for confirmation.

6. Click **OK**.

A screen is displayed asking you for confirmation before the settings are sent to the printer. If you click **OK**, the settings are sent to the printer and the **Transmitted Settings** screen is displayed.

Enter Password Screen

The following screen is displayed if an administrator password is set to the printer.



- **Admin Password**

Enter the administrator password that was set. For security purposes, your password is not displayed as you type it.

▶▶ Important

- If you forget the administrator password you specified, initialize the printer to return the password to the default setting.

- **OK**

Click this item after you enter the administrator password.

- **Cancel**

This item returns you to list of detected printers. If you do not enter the correct administrator password, you cannot operate the printer.

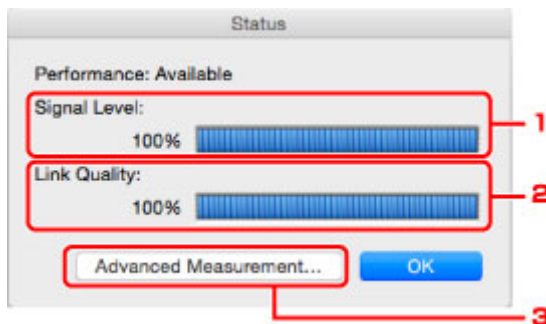
Monitoring Wireless Network Status

►► Note

- This function is not available depending on the printer you are using.
- When using the machine over the wired LAN, you cannot monitor network status.

1. [Start up IJ Network Tool.](#)
2. Select printer in **Printers:**.
3. Select **Status** on **View** menu.

The **Status** screen is displayed and you can check the printer status and connection performance.



1. **Signal Level:**

Indicates the strength of the signal received by the printer, ranging from 0% to 100%.

2. **Link Quality:**


Indicates the signal quality excluding the noise while communicating, ranging from 0% to 100%.

►► Important

- If the indicated value is low, move your printer closer to the wireless network device.

3. **Advanced Measurement...**

Click to examine the connection performance between the printer and the wireless router. Follow the instructions on the screen to start measuring and display the status. Measurement takes a few minutes.

When  is displayed in **Connection performance between the printer and the wireless router:**, the printer can communicate with the wireless router. Otherwise, refer to displayed comments and Help for improving the status of communication link, and click **Remeasurement**.

- Check that the printer and the wireless router are located within the wireless connectivity range with no obstacles between them.
- Check if the distance between the printer and the wireless router is not too far.

If they are too far, move them closer together (within 164 ft. / 50 m).

- Check that there is no barrier or obstacle between the printer and the wireless router.

In general, connection performance decreases for communications through walls or between different floors. Adjust the locations to avoid such situations.

- Check that there are no sources of radio interference near the printer and the wireless router.

The wireless connection may use the same frequency band as microwave ovens and other sources of radio interference. Try to keep the printer and the wireless router away from such sources.


- Check if the radio channel of the wireless router is close to that of other wireless routers nearby.


If the radio channel of the wireless router is close to that of other wireless routers nearby, the connection performance may become unstable. Be sure to use a radio channel that does not interfere with other wireless routers.

- Check that the printer and the wireless router face each other.

Connection performance may depend on the orientations of the wireless devices. Replace the wireless router and the printer in another direction to achieve the best performance.

- Check whether other computers are not accessing the printer.

If  appears in the result of the measurement, check whether other computers are not accessing the printer.

If  still appears even if you have tried the above, finish the measurement and restart the IJ Network Tool to start over the measurement.

Note

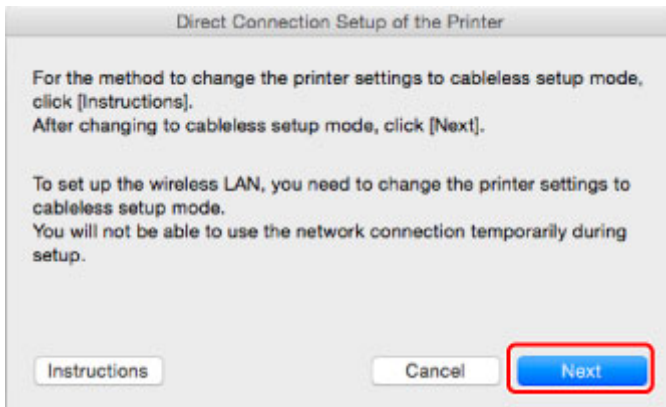
- If any messages appear on **Overall Network Performance:**, move the machine and wireless router as instructed on the screen to improve the performance.

Changing Settings in Direct Connection

►►► Note

- This function is not available depending on the printer you are using.
- Depending on the printer you are using, "Direct connection" may be referred to as "Access point mode" in the manuals.
- You can use this function only when you are using a computer compatible with the wireless LAN.

1. [Start up IJ Network Tool.](#)
2. Select **Set up printer's direct connection...** on **Settings** menu.
The **Direct Connection Setup of the Printer** screen is displayed.
3. Check displayed message and click **Next**.



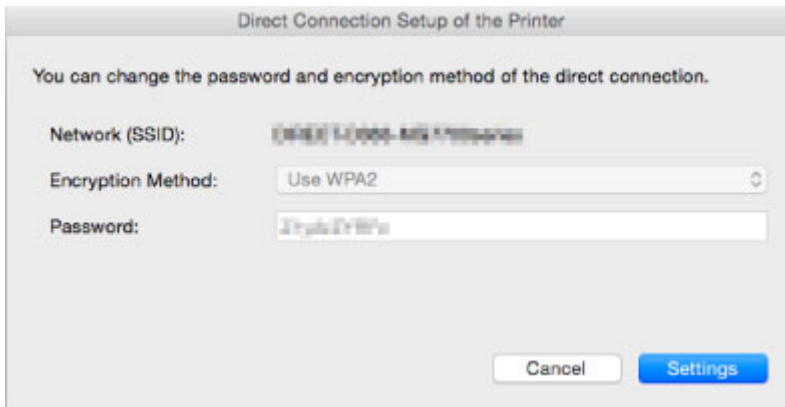
If the screen asking you to enter the password is displayed, enter the password specified for your computer and click **Install Helper**.

4. Click **Allow** on displayed screen.
The **Select Printer** screen is displayed.

►►► Note

- If only one printer is available for changing the settings, the **Direct Connection Setup of the Printer** screen is displayed. In this case, go to step 6.

5. Select printer from **Select Printer** screen and click **OK**.
The specified SSID (access point name), encryption method, and password are displayed on the **Select Printer** screen.
6. Change encryption method or password as necessary.



»» Important

- You cannot change the encryption method or password depending on the printer you are using.
- If you cannot change the settings from the screen above, you can update the SSID (access point name) and password at the same time using the operation panel (You cannot change the encryption method.).

For details, search for "UG500"/"UG501" on your printer's Online Manual and see the instructions shown.

7. Click **Settings**.

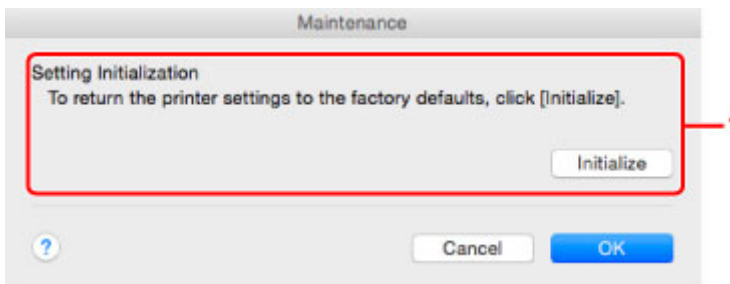
The setting information is sent to the printer.

Initializing Network Settings

»» Important

- Note that initialization erases all network settings on the machine, and printing or scanning operation from a computer over network becomes impossible. To use the machine over network, perform setup according to the instructions on the Canon website.

1. [Start up IJ Network Tool.](#)
2. Select printer in **Printers:**.
3. Select **Maintenance...** on **Settings** menu.



1. Setting Initialization

Initialize

Returns all the network settings of the printer to factory default.

4. Click **Initialize**.

The **Setting Initialization** screen is displayed.

Click **OK** to initialize the network settings of the printer. Do not turn off the printer during initialization.

Click **OK** when initialization is complete.

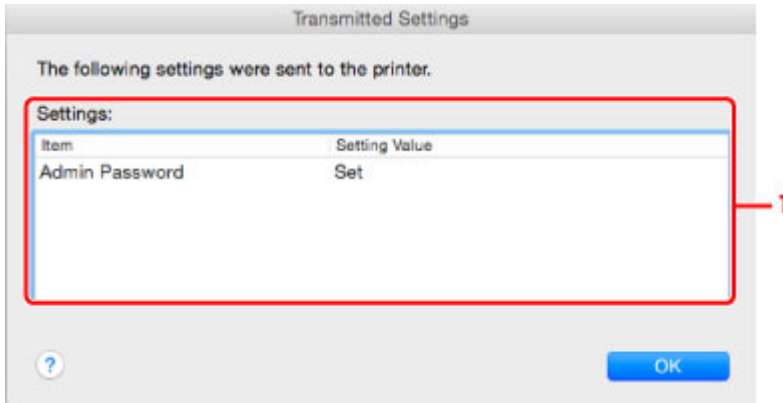
Performing initialization when connected over wireless LAN will break the connection, so perform setup according to the instructions on the Canon website.

»» Note

- You can change the network settings of the printer using IJ Network Tool with USB connection after initializing the LAN settings. To change the network settings using Canon IJ Network Tool, enable wireless LAN in advance.

Viewing Modified Settings

The **Confirmation** screen is displayed after you modified the printer settings on the **Configuration** screen. When you click **OK** on the **Confirmation** screen, the following screen is displayed for checking the modified settings.



1. **Settings:**

A list of changes made in the **Configuration** screen is displayed.

Network Communication Tips

- ▶ **Using Card Slot over Network**
- ▶ **Technical Terms**
- ▶ **Restrictions**

Using Card Slot over Network

►► Note

- This function is not available depending on the printer you are using. To make sure whether this function is available with your printer, refer to [List of Function for Each Model](#).

■ [Mounting Card Slot as Network Drive](#)

■ [Restrictions on Card Slot Use over Network](#)

Mounting Card Slot as Network Drive

The card slot must be mounted to use it over a network.

To mount the card slot as the network drive, follow the procedure below.

1. Insert memory card into card slot.

2. Check current printer name.

You can check the current printer name on the LCD of the printer.

3. On Finder, click **Go** menu and **Connect to Server**.

4. Input "smb://xxxxxxxxxxx/canon_memory/" and click **Connect**.

For example, if the current printer name is "123ABC000000", then input "smb://123ABC000000/canon_memory/".

5. Make sure card slot is mounted.

When the card slot is mounted, the following icon appears on the desktop or in the **Computer** window on the **Go** menu of Finder.



►► Note

- The authentication screen may appear. If it appears, you do not need to input the password.
- If you cannot mount the card slot with the method above, input the IP address of the machine instead of the current printer name, and try again. For example, "smb://192.168.1.1/canon_memory/". If you mount the card slot with the IP address, you have to remount it whenever the machine's IP address changes.

Restrictions on Card Slot Use over Network

- You cannot write data to a memory card in the card slot over a network. You can only read data from a memory card.

- The card slot can be shared by multiple computers, if the machine is connected to a network. Multiple computers can read files from a memory card in the card slot at the same time.
- If your computer joins a domain, the card slot may not be mounted as the network drive.
- If you use the memory card stored the large size files or many files, a large amount of card access may be generated. In this case, the operation in the memory card may be impossible or slow. Operate after the **Access** lamp of the machine is lit.

- When you access the network drive for the card slot over the network, file names consisting of eight or less lowercase letters (not including its extension) may be shown in uppercase.

For example, a file name such as "abcdefg.doc" will be "ABCDEFGG.DOC", while a name such as "AbcdeFG.doc" will appear the same.

The file is not actually renamed, but merely appears to be changed.

- Disable the function to write files to a memory card from a computer to read files from a memory card over a network.

Technical Terms

In this section, technical terms used in the manual are explained.

[A](#)

[B](#)

[C](#)

[D](#)

[E](#)

[F](#)

[G](#)

[H](#)

[I](#)

[J](#)

[K](#)

[L](#)

[M](#)

[N](#)

[O](#)

[P](#)

[Q](#)

[R](#)

[S](#)

[T](#)

[U](#)

[V](#)

[W](#)

A

- **Access point mode**

The machine is used as a wireless router to connect external wireless communication devices (e.g. computers, smartphones, or tablets) in an environment where no wireless router is available. You can connect up to 5 devices to the machine using the access point mode (direct connection).

- **Ad-hoc**

Client computer and machine setting where wireless communication occurs on a peer-to-peer basis, i.e., all clients in with the same SSID/network name communicate directly with each other. No wireless router is required. This machine does not support ad-hoc communication.

- **Admin Password**

Administrator password in IJ Network Tool to restrict access to network users. It must be entered to access the printer and change printer settings.

- **AES**

An encryption method. It is optional for WPA/WPA2. Strong cryptographic algorithm adopted within U.S. government organizations for information processing.

- **AirPort Network (Infra)**

Client computer and machine setup where all wireless communications pass through a wireless router.

- **Authentication Method**

The method that a wireless router uses to authenticate a printer through a wireless LAN. The methods are agreeable each other.

When using WEP as an encryption method, the authentication method is able to fix to **Open System** or **Shared Key**.

For WPA/WPA2, authentication method is PSK.

- **Auto**

The printer automatically changes its authentication method to match the wireless router.

- **Open System**

In this authentication method, the communication partner is authenticated without using WEP key even if **Use Password (WEP)** is selected.

- **Shared Key**

In this authentication method, the communication partner is authenticated using the WEP key that was set for encryption.

B

- **Bonjour**

A service built into Mac OS X operating system to detect the connectable devices on a network automatically.

C

- **Channel**

Frequency channel for wireless communication. In the infrastructure mode, the channel is automatically adjusted to match that set to the wireless router. This machine supports channels 1 to 13. (Channels 12 and 13 are not supported depending on the country or region of purchase.) Note that the number of channels that can be used for your wireless LAN varies depending on the region or country.

D

- **DHCP server functionality**

The router assigns an IP address automatically whenever the printer or the personal computer on a network starts up.

- **Direct connection (Access point mode)**

The machine is used as a wireless router to connect external wireless communication devices (e.g. computers, smartphones, or tablets) in an environment where no wireless router is available. You can connect up to 5 devices to the machine using the direct connection (access point mode).

- **DNS server**

A server that converts device names into IP addresses. When specifying IP addresses manually, specify the addresses of both a primary and a secondary server.

F

- **Firewall**

It is a system that prevents an unlawful computer access in the network. To prevent, you can use the firewall function of a broadband router, the security software installed in the computer, or operation system for computer.

I

- **IEEE 802.11b**

International standard for wireless LAN using the 2.4 GHz frequency range with a throughput of up to 11 Mbps.

- **IEEE 802.11g**

International standard for wireless LAN using the 2.4 GHz frequency range with a throughput of up to 54 Mbps. Compatible with 802.11b.

- **IEEE 802.11n**

International standard for wireless LAN using the 2.4 GHz and 5 GHz frequency ranges. Even when using two or more antennas simultaneously or obtaining a bigger transfer rate than before by using multiple communication channels at the same time, the transmission speed may be influenced by the connected apparatus.

At the maximum transfer rate of 600 Mbps, it is possible to communicate with multiple computer terminals within a dozen or so metre radius.

Compatible with 802.11b and 802.11g.

- **IP Address**

A unique number with four parts separated by dots. Every network device that is connected to the Internet has an IP address. Example: 192.168.0.1

An IP address is usually assigned by a wireless router or a DHCP server of the router automatically.

- **IPv4/IPv6**

They are internet network-layer protocol used on the internet. IPv4 uses 32-bit addresses and IPv6 uses 128-bit addresses.

K

- **Key Format**

Select either **ASCII** or **Hex** as the Password (WEP) key format. The character that can be used for the WEP key differs depending on the selected key formats.

- ASCII

Specify with a 5 or 13-character string that can include alphanumeric and underscore "_" characters. It is case-sensitive.

- Hex

Specify a 10-digit or 26-digit string that can contain hexadecimal (0 to 9, A to F, and a to f).

- **Key Length**

Length of the WEP key. Select either 64 bits or 128 bits. Longer key length allows you to set a more complex WEP key.

L

- **Link Quality**

The status of the connection between the wireless router and the printer excluding noise (interference) is indicated with a value from 0 to 100%.

- **LPR**

A platform-independent printing protocol used in TCP/IP networks. It does not support bidirectional communication.

M

- **MAC Address (AirPort ID)**

Also known as the physical address. A unique and permanent hardware identifier that is assigned to network devices by its manufacturer. MAC addresses are 48 bits long and are written as a hexadecimal number separated by colons, i.e., 11:22:33:44:55:66.

N

- **Network (SSID)**

Unique label for wireless LAN. It is often represented such as a network name or a wireless router name.

SSID distinguishes one wireless LAN from another to prevent interference.

The printer and all clients on a wireless LAN must use the same SSID in order to communicate with each other. The SSID can be up to 32 characters long, and is made up of alphanumeric characters. The SSID may also be referred to by its network name.

P

- **Password (WEP)/Password (WEP Key)**

An encryption method employed by IEEE 802.11. Shared security key used to encrypt and decrypt data sent over wireless networks. This printer supports key length of 64 bits or 128 bits, key format of ASCII code or Hexadecimal, and key number of 1 to 4.

- **Performance**

Indicates the status on whether the printer can be used.

- **Proxy server**

A server that links a LAN-connected computer to the Internet. When using a proxy server, specify the address and the port number of the proxy server.

- **PSK**

An encryption method employed by WPA/WPA2.

R

- **Router**

A relay device to connect to another network.

S

- **Signal Level**

The strength of the signal received by the printer from the wireless router is indicated with a value from 0 to 100%.

- **SSID**

Unique label for wireless LAN. It is often represented such as a network name or a wireless router name.

SSID distinguishes one wireless LAN from another to prevent interference.

The printer and all clients on a wireless LAN must use the same SSID in order to communicate with each other. The SSID can be up to 32 characters long, and is made up of alphanumeric characters. The SSID may also be referred to by its network name.

- **Stealth**

In the stealth mode, a wireless router hides itself by not broadcasting its SSID. The client must specify the SSID set to the wireless router to detect it.

The stealth mode is called a "closed network".

- **Subnet Mask Address**

IP address has two components, the network address and the host address. Subnet Mask used to calculate the Subnet Mask address from the IP address. A Subnet Mask is usually assigned by a wireless router or a DHCP server of the router automatically.

Example:

IP Address: 192.168.127.123

Subnet Mask: 255.255.255.0

Subnet Mask Address: 192.168.127.0

T

- **TCP/IP**

Suite of communications protocols used to connect hosts on the Internet or the LAN. This protocol allows different terminals to communicate with each other.

- **TKIP**

An encryption protocol employed by WPA/WPA2.

U

- **USB**

Serial interface designed to enable you to "hot-swap" devices, i.e., by plugging and unplugging them without turning off the power.

W

- **WEP/WEP Key**

An encryption method employed by IEEE 802.11. Shared security key used to encrypt and decrypt data sent over wireless networks. This printer supports key length of 64 bits or 128 bits, key format of ASCII code or Hexadecimal, and key number of 1 to 4.

- **Wi-Fi**

International association that certifies interoperability of wireless LAN products based on the IEEE 802.11 specification.

This machine is a Wi-Fi authorized product.

- **Wireless LAN**

A network that, instead of being connected by physical wires, is connected by a wireless technology, such as Wi-Fi.

- **Wireless Router**

A wireless transceiver or base station that receives information from wireless clients/the machine and rebroadcasts it. Required in an infrastructure network.

- **WPA**

Security framework announced by the Wi-Fi Alliance in October 2002. The security has been strengthened more than WEP.

- Authentication

WPA defines the following authentication methods: WPA Personal that can be used without an authentication server, plus WPA Enterprise that do require an authentication server.

This machine supports WPA Personal.

- Passphrase

This encrypted key is used to perform WPA Personal authentication.

The passphrase should be a string of 8 to 63 alphanumeric characters or a 64-digit hexadecimal value.

- **WPA2**

Security framework released by the Wi-Fi Alliance in September 2004 as a later version of WPA. Provides a stronger encryption mechanism through Advanced Encryption Standard (AES).

- Authentication

WPA2 defines the following authentication methods: WPA2 Personal that can be used without an authentication server, plus WPA2 Enterprise that do require an authentication server.

This machine supports WPA2 Personal.

- Passphrase

This encrypted key is used to perform WPA2 Personal authentication.

The passphrase should be a string of 8 to 63 alphanumeric characters or a 64-digit hexadecimal value.

- **WPS (Wi-Fi Protected Setup)**

WPS is a standard for easy and secure establishment of a wireless network.

There are 2 primary methods used in the Wi-Fi Protected Setup:

PIN entry: a mandatory method of setup for all WPS certified devices

Push button configuration (PBC): an actual push button on the hardware or through a simulated push button in the software.

Restrictions

If you use a printer over the wireless LAN, the printer may recognize nearby wireless systems, you should set a network key (WEP or WPA/WPA2) to the wireless router to encrypt wireless transmission. Wireless communication with a product that does not comply with the Wi-Fi standard cannot be guaranteed.

Connecting with too many computers may affect the printer performance, such as printing speed.

Ensuring Optimal Printing Results

- ▶ **Ink Tips**
- ▶ **Printing Tips**
- ▶ **Check Paper Settings Before Printing**
- ▶ **Set Cassette Paper Information After Loading Paper**
- ▶ **Canceling a Print Job**
- ▶ **Keeping Print Quality High**
- ▶ **Transporting Your Printer**

Ink Tips

How is ink used for various purposes other than printing?

Ink may be used for purposes other than printing.

When you use the Canon printer for the first time after you install the bundled ink tanks, the printer consumes a small amount of ink in the amount to enable printing by filling the nozzles of the Print Head with ink. For this reason, the number of sheets that can be printed with the first ink tanks is fewer than the succeeding ink tanks.

The printing costs described in the brochures or websites are based on the consumption data from not the first ink tank /ink cartridge but the succeeding ink tank /ink cartridge.

Ink is sometimes used to maintain the optimal printing quality.

To keep printer's performance, Canon printer performs cleaning automatically according to its condition. When the printer performs cleaning, a small amount of ink is consumed. In this case, all colors of ink may be consumed.

[Cleaning function]

The cleaning function helps the printer to suck air bubbles or ink itself from the nozzle and thus prevents print quality degradation or nozzle clogging.

Does black-and-white printing use color ink?

Black-and-white printing may use ink other than black ink depending on the type of printing paper or the settings of the printer driver. So, color ink is consumed even when printing in black-and-white.

Why does the machine have two black ink tanks?

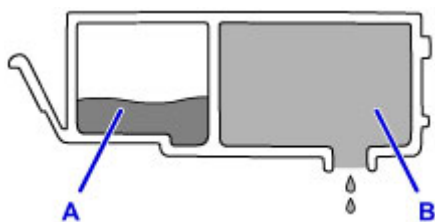
There are two kinds of black ink in the machine: dye ink (BK) and pigment ink (PGBK).

The dye ink is used mainly for printing photos, illustration, etc., and the pigment ink is used for text-based documents. Each has different purposes so that even if one runs out, another will not be used instead. If either of them runs out, the ink tank replacement is required.

These two inks are automatically used depending on the type of printing paper or the settings of the printer driver. You cannot change the usage of these inks yourself.

The ink lamp indicates when ink is running low.

The inside of the ink tank consists of (A) the part where ink is preserved and (B) the sponge with absorbed ink.



When the ink A runs out, the ink lamp flashes slowly to indicate that the ink is running low.

Then, when the ink B runs out, the ink lamp flashes fast to indicate that the ink tank needs to be replaced with a new one.

■ [Checking the Ink Status with the Ink Lamps](#)

Printing Tips

Check the machine status before printing!

- Is the print head OK?

If a print head nozzle is clogged, print will be faint and papers will be wasted. Print the nozzle check pattern to check the print head.

■ [Maintenance Procedure](#)

- Is the inside of the machine smeared with ink?

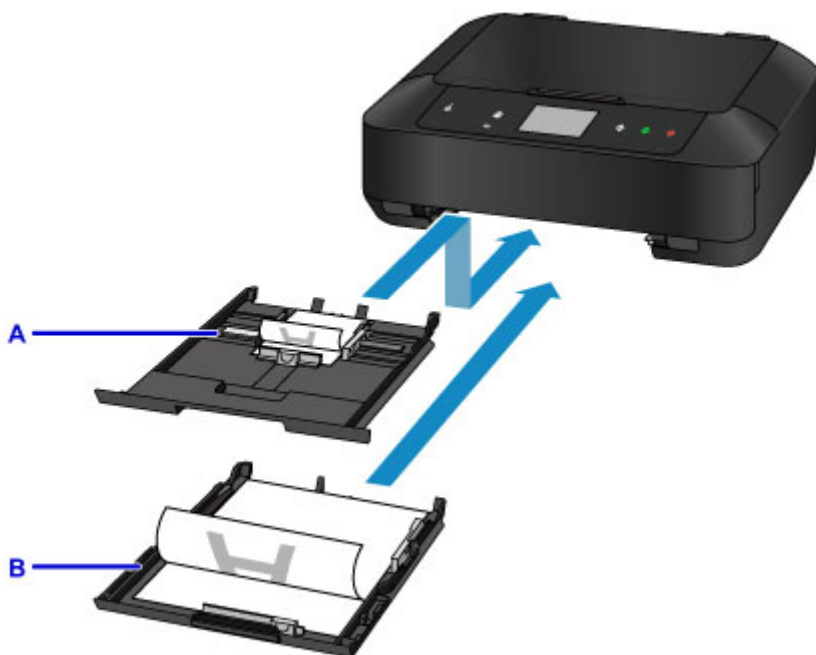
After printing large quantities of paper or performing borderless printing, the area where papers go through may get smeared with ink. Clean the inside of your machine with [Bottom Plate Cleaning](#).

Check how to load the paper correctly!

- Is the paper loaded in the correct orientation?

To load paper in a cassette, load paper WITH THE PRINT SIDE FACING DOWN.

■ [Loading Paper](#)



A: cassette 1

B: cassette 2

- Is the paper curled?

The curled paper causes paper jam. Flatten the curled paper, then reload it.

■ "Load the paper after correcting its curl." in [Paper Is Smudged / Printed Surface Is Scratched](#)

Check Paper Settings Before Printing

Before printing, make paper settings in the operation panel or the computer screen.

There are various types of paper, such as paper with a special surface coating for printing photos at optimal quality and paper suitable for documents.

Each media type has specific preset settings (how ink is used and sprayed, distance from nozzles, etc.), that allow you to print to that type with optimal image quality. The wrong paper settings may cause poor printout color quality or scratches on the printed surface.

If you notice blurring or uneven colors, increase the print quality setting and try printing again.

Set Cassette Paper Information After Loading Paper

When you insert a cassette into the machine after loading paper, the screen for setting the type and size of paper is displayed. Set the cassette paper information according to the type and size of loaded paper.

To prevent incorrect printing, this machine has a function that detects whether the information set for the paper loaded in the cassette matches the paper settings. Before printing, make paper settings in accordance with the cassette paper information. When this function is enabled, an error message is displayed if these settings do not match to prevent incorrect printing. When this error message is displayed, check and correct the paper settings.

To check cassette paper information, display the paper information screen on the operation panel.

Canceling a Print Job

Never touch the **ON** button!

If you touch the **ON** button while printing is in progress, the print data sent from the computer queues in the machine and you may not be able to continue to print.

Touch the **Stop** button to cancel printing.

Keeping Print Quality High

The key to printing with the optimal printing quality is to prevent the print head from drying or clogging. Always observe the following rules for optimal printing quality.

►► Note

- Depending on the type of paper, ink may blur if you trace the printed area with a highlight pen or paint-stick, or bleed if water or sweat comes in contact with the printed area.

Never unplug the power cord until the power is turned off!

If you touch the **ON** button to turn off the power, the machine caps the print head (nozzles) automatically to prevent from drying. If you unplug the power cord from the wall outlet before the **POWER** lamp is turned off, the print head will not be capped properly and this will cause drying or clogging.

When [unplugging the power cord](#), make sure that the **POWER** lamp is not lit.

Print periodically!

Just as the tip of a felt pen becomes dry and unusable if it has not been used for a long time, even if it is capped, the print head too, may become dried or clogged if the machine has not been used for a long time.

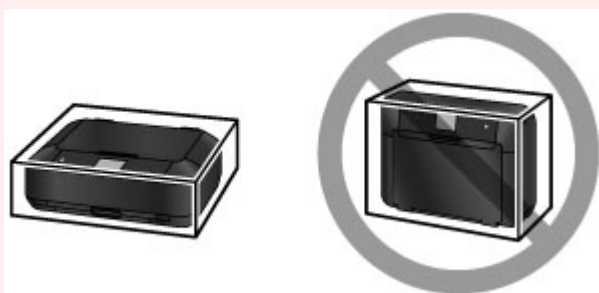
We recommend you to use the machine at least once a month.

Transporting Your Printer

When relocating the machine for changing your living place or repairing it, make sure of the following.

»» Important

- Pack the machine in a sturdy box so that it is placed with its bottom facing down, using sufficient protective material to ensure safe transport.
- With the print head and ink tank left installed in the machine, touch the **ON** button to turn off the power. This allows the machine to automatically cap the print head, thus preventing it from drying.
- After packing, do not tilt the box containing the machine or turn it on its side or upside down. Doing so may cause the ink to leak during transport and cause damage to the machine.
- When a shipping agent is handling transport of the machine, have its box marked "THIS SIDE UP" to keep the machine with its bottom facing down. Mark also with "FRAGILE" or "HANDLE WITH CARE".



1. Turn the machine off.
2. Confirm that the **POWER** lamp is off and [unplug the power cord](#).

»» Important

- Do not unplug the machine while the **POWER** lamp is lit or flashing, as it may cause malfunction or damage to the machine, making the machine unable to print.

3. Retract the paper output support, then close the paper output tray gently.
The output tray extension is retracted automatically when the paper output tray is closed.
4. Unplug the printer cable from the computer and from the machine, then unplug the power cord from the machine.
5. Use adhesive tape to secure all the covers on the machine to keep them from opening during transportation. Then pack the machine in the plastic bag.
6. Attach the protective material to the machine when packing the machine in the box.

»» Important

- We recommend to hold and carry out this machine as shown in the figure below. If you hold the cassette, it may fall out of the machine.



Legal Restrictions on Scanning/Copying

It may be unlawful to make copies of, scan, print, or use reproductions of the following documents.

The list provided is non-exhaustive. When in doubt, check with a legal representative in your jurisdiction.

- Paper money
- Money orders
- Certificates of deposit
- Postage stamps (canceled or uncanceled)
- Identifying badges or insignias
- Selective service or draft papers
- Checks or drafts issued by governmental agencies
- Motor vehicle licenses and certificates of title
- Traveler's checks
- Food stamps
- Passports
- Immigration papers
- Internal revenue stamps (canceled or uncanceled)
- Bonds or other certificates of indebtedness
- Stock certificates
- Copyrighted works/works of art without permission of copyright owner

Specifications

General Specifications

Printing resolution (dpi)	9600* (horizontal) x 2400 (vertical) * Ink droplets can be placed with a pitch of 1/9600 inch at minimum.
Interface	<p>USB Port: Hi-Speed USB *1</p> <p>LAN Port: Wired LAN: 100BASE-TX / 10BASE-T Wireless LAN: IEEE802.11n / IEEE802.11g / IEEE802.11b *2</p> <p>*1 A computer that complies with Hi-Speed USB standard is required. Since the Hi-Speed USB interface is fully upwardly compatible with USB 1.1, it can be used at USB 1.1.</p> <p>*2 Setup possible through Standard setup, WPS (Wi-Fi Protected Setup), WCN (Windows Connect Now) or Cableless setup.</p> <p>USB and LAN can be used at the same time.</p> <p>Wireless LAN and wired LAN cannot be used at the same time.</p>
Print width	8 inches/203.2 mm (for Borderless Printing: 8.5 inches/216 mm)
Operating environment	<p>Temperature: 41 to 95 °F (5 to 35 °C) Humidity: 10 to 90 % RH (no condensation)</p> <p>* The performance of the printer may be reduced under certain temperature and humidity conditions.</p> <p>Recommended conditions: Temperature: 59 to 86 °F (15 to 30 °C) Humidity: 10 to 80 % RH (no condensation)</p> <p>* For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.</p>
Storage environment	<p>Temperature: 32 to 104 °F (0 to 40 °C) Humidity: 5 to 95 % RH (no condensation)</p>
Power supply	AC 100-240 V, 50/60 Hz
Power consumption	<p>Printing (Copy): Approx. 15 W Standby (minimum): Approx. 0.9 W *1*2 OFF: Approx. 0.2 W *1</p> <p>*1 USB connection to PC *2 The wait time for standby cannot be changed.</p>
External dimensions	<p>Approx. 17.2 (W) x 14.6 (D) x 5.9 (H) inches Approx. 435 (W) x 370 (D) x 148 (H) mm</p> <p>* With the Paper Output Tray retracted.</p>
Weight	Approx. 17.4 lb (Approx. 7.9 kg)

	* With the Print Head and ink tanks installed.
Print Head/Ink	Total 6656 nozzles (P/BK 1024 nozzles, Y/DyeBK each 512 nozzles, C/M/GY each 1536 nozzles)

Copy Specifications

Multiple copy	max. 99 pages
Intensity adjustment	9 positions, Auto intensity (AE copy)
Reduction / Enlargement	25 % - 400 % (1 % unit)

Scan Specifications

Scanner driver	Windows: TWAIN 1.9 Specification, WIA Mac OS: ICA
Maximum scanning size	A4/Letter, 8.5" x 11.7"/216 x 297 mm
Scanning resolution	Optical resolution (horizontal x vertical) max: 2400 x 4800 dpi *1 Interpolated resolution max: 19200 x 19200 dpi *2 *1 Optical Resolution represents the maximum sampling rate based on ISO 14473. *2 Increasing the scanning resolution will limit the maximum possible scanning area.
Gradation (Input / Output)	Gray: 16 bit/8 bit Color: 48 bit/24 bit (RGB each 16 bit/8 bit)

Network Specifications

Communication protocol	TCP/IP
Wired LAN	Supported Standards: IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T) Transfer speed: 10 M/100 Mbps (auto switching)
Wireless LAN	Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b Frequency bandwidth: 2.4 GHz Channel: 1-11 or 1-13 * Frequency bandwidth and available channels differ depending on country or region. Communication distance: Indoors 164 feet/50 m * Effective range varies depending on the installation environment and location. Security: WEP (64/128 bits) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES) Setup: Standard setup

	WPS (Push button configuration/PIN code method) WCN (WCN-NET) Cableless setup Other Features: Administration password
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Minimum System Requirements

Conform to the operating system's requirements when higher than those given here.

Windows

Operating System	Windows 8.1*, Windows 8 Windows 7, Windows 7 SP1 Windows Vista SP2 Windows XP SP3 32-bit only * Windows 8.1 includes Windows 8.1 Update.
Hard Disk Space	3.1 GB Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.
Display	XGA 1024 x 768

Mac OS

Operating System	OS X v10.7.5 - OS X v10.10
Hard Disk Space	1.5 GB Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.
Display	XGA 1024 x 768

Other Supported OS

Some functions may not be available with each OS. Refer to the Canon web site for details on operation with iOS, Android, and Windows RT.

Mobile Printing Capability

Apple AirPrint
Google Cloud Print
PIXMA Cloud Link

- An internet connection is required to use Easy-WebPrint EX and all the *Online Manual*.
- Windows: Operation can only be guaranteed on a computer with Windows 8.1, Windows 8, Windows 7, Windows Vista or Windows XP pre-installed.
- Windows: A CD-ROM Drive or internet connection is required during software installation.
- Windows: Internet Explorer 8, 9, 10 or 11 is required to install Easy-WebPrint EX.
- Windows: Some functions may not be available with Windows Media Center.

- Windows: .NET Framework 4 or 4.5 must be installed to use the Windows software.
- Windows: XPS Essentials Pack is required to print on Windows XP.
- Windows: The TWAIN driver (ScanGear) is based on the TWAIN 1.9 Specification and requires the Data Source Manager bundled with the operating system.
- Mac OS: For Mac OS, an internet connection is required during software installation.
- In an in-house network environment, the 5222 port must be open. Contact the network administrator for details.

Information in this guide is subject to change without notice.

Information about Paper

▶ Media Types You Can Use

- Paper Load Limit

▶ Media Types You Cannot Use

▶ Before Printing on Art Paper

▶ Printing Area

- Printing Area
- Other Sizes than Letter, Legal, Envelopes
- Letter, Legal
- Sizes for Art Paper
- Envelopes
- Printable Discs

Media Types You Can Use

To get the best printing result, choose paper suitable for printing. Canon provides various types of paper suitable for documents as well as paper suitable for photos or illustrations. We recommend the use of Canon genuine paper for printing your important photos.

Media Types

Commercially available papers

- Plain Paper (including recycled paper)
- Envelopes*[1](#)
- T-Shirt Transfers*[1](#)

Canon genuine papers

The Model Number of Canon genuine paper is shown in brackets. Refer to the instruction manual supplied with the paper for detailed information on the printable side and notes on handling paper. For information on the page sizes available for each Canon genuine paper, access our website.

►► Note

- You may not be able to purchase some Canon genuine papers depending on the country or region of purchase. Paper is not sold in the US by Model Number. Purchase paper by name.

Paper for printing documents:

- Canon Red Label Superior <WOP111>
- Canon Océ Office Colour Paper <SAT213>

Paper for printing photos:

- Photo Paper Pro Platinum <PT-101>
- Glossy Photo Paper "Everyday Use" <GP-501/GP-601>
- Photo Paper Glossy <GP-601>
- Photo Paper Plus Glossy II <PP-201>
- Photo Paper Pro Luster <LU-101>
- Photo Paper Plus Semi-gloss <SG-201>
- Matte Photo Paper <MP-101>

Paper for printing business documents:

- High Resolution Paper <HR-101N>*[1](#)

*1 Printing to this paper from the operation panel or from a PictBridge (Wireless LAN) compliant device is not supported.

■ [Paper Load Limit](#)

■ Paper Settings on the Printer Driver and the Printer (Media Type) (Windows)

■ [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#) (Mac OS)

►► Note

- You can print onto a printable disc using the disc tray supplied with the machine.

■ [Placing a Printable Disc](#)

- When printing photos saved on a PictBridge (Wireless LAN) compliant device, you must specify the page size and media type.

■ [Printing from Digital Camera](#)

- You can use non-Canon genuine art paper. For details, access our website.

You cannot print in the top and bottom 1.38 inch (35 mm) margins of the paper (in the printing direction).

■ [Sizes for Art Paper](#)

■ [Before Printing on Art Paper](#)

Page Sizes

You can use the following page sizes.

▶▶▶ Note

- You can load the page sizes as follows.
 - cassette 1: 4" x 6" (10 x 15 cm) and 5" x 7" (13 x 18 cm)
 - cassette 2: A4, B5, A5, Letter, Legal, 8" x 10" (20 x 25 cm), Envelope DL, and Envelope Com 10
- Printing on the following page sizes from the operation panel or from a PictBridge (Wireless LAN) compliant device is not supported.
 - Legal and Envelopes

Standard sizes:

- Letter
- Legal
- A5
- A4
- B5
- 4" x 6" (10 x 15 cm)
- 5" x 7" (13 x 18 cm)
- 8" x 10" (20 x 25 cm)
- Envelope DL
- Envelope Com 10

Non-standard sizes:

You can print on non-standard size paper within the following ranges.

- cassette 1
 - Minimum size: 3.50 x 5.00 inches (89.0 x 127.0 mm)
 - Maximum size: 7.87 x 7.28 inches* (200.0 x 184.9 mm*)
- cassette 2
 - Minimum size: 3.54 x 7.29 inches* (90.0 x 185.0 mm*)
 - Maximum size: 8.50 x 14.00 inches (215.9 x 355.6 mm)

* Paper may be fed from a different paper source depending on the operating system of your computer.

Paper Weight

You can use paper in the following weight range.

- 17 to 28 lb (64 to 105 g /m²) (plain paper except for Canon genuine paper)

* You can use non-Canon genuine specialty paper that is up to 53 lb (200 g /m²).

Do not use heavier or lighter paper (except for Canon genuine paper), as it could jam in the machine.

Notes on Storing Paper

- Take out only the necessary number of paper from the package, just before printing.
- To avoid curling, when you do not print, put unused paper back into the package and keep it on a level surface. And also, store it avoiding heat, humidity, and direct sunlight.

Paper Load Limit

Commercially Available Papers

Media Name	Cassette 1	Cassette 2	Paper Output Tray
Plain Paper (including recycled paper)* ¹	N/A* ²	Approx. 125 sheets	Approx. 50 sheets
Envelopes	N/A* ²	10 envelopes	* ³
T-Shirt Transfers	N/A* ²	1 sheet : A4	* ³

Canon Genuine Papers

►► Note

- We recommend that you remove the previously printed sheet from the paper output tray before continuously printing to avoid blurs and discoloration (except for Canon Red Label Superior <WOP111>, Canon Océ Office Colour Paper <SAT213>, and High Resolution Paper <HR-101N>).

Paper for printing documents:

Media Name	Cassette 1	Cassette 2	Paper Output Tray
Canon Red Label Superior <WOP111>	N/A* ²	Approx. 110 sheets	Approx. 40 sheets
Canon Océ Office Colour Paper <SAT213>	N/A* ²	Approx. 90 sheets	Approx. 30 sheets

Paper for printing photos:

Media Name <Model No.>	Cassette 1	Cassette 2
Photo Paper Pro Platinum <PT-101>* ⁴	20 sheets: 4" x 6" (10 x 15 cm)	10 sheets: A4, Letter, and 8" x 10" (20 x 25 cm)
Glossy Photo Paper "Everyday Use" <GP-501/GP-601>* ⁴	20 sheets: 4" x 6" (10 x 15 cm)	10 sheets: A4 and Letter
Photo Paper Glossy <GP-601>* ⁴	20 sheets: 4" x 6" (10 x 15 cm)	10 sheets: A4 and Letter
Photo Paper Plus Glossy II <PP-201>* ⁴	10 sheets: 5" x 7" (13 x 18 cm) 20 sheets: 4" x 6" (10 x 15 cm)	10 sheets: A4, Letter, and 8" x 10" (20 x 25 cm)
Photo Paper Pro Luster <LU-101>* ⁴	N/A* ²	10 sheets: A4 and Letter
Photo Paper Plus Semi-gloss <SG-201>* ⁴	10 sheets: 5" x 7" (13 x 18 cm) 20 sheets: 4" x 6" (10 x 15 cm)	10 sheets: A4, Letter, and 8" x 10" (20 x 25 cm)
Matte Photo Paper <MP-101>	20 sheets: 4" x 6" (10 x 15 cm)	10 sheets: A4 and Letter

Paper for printing business documents:

Media Name <Model No.>	Cassette 1	Cassette 2	Paper Output Tray
High Resolution Paper <HR-101N>	N/A*2	65 sheets	50 sheets

*1 Proper feeding of paper may not be possible at the maximum capacity depending on the type of paper or environmental conditions (either very high or low temperature or humidity). In such cases, reduce the number of paper you load at a time to less than half.

*2 Feeding paper from the cassette 1 can damage the machine. Always load in the cassette 2.

*3 We recommend that you remove the previously printed paper or envelope from the paper output tray before continuously printing to avoid blurs and discoloration.

*4 When loading paper in stacks, the print side may become marked as it is fed or paper may not feed properly. In this case, load one sheet at a time.

Media Types You Cannot Use

Do not use the following types of paper. Using such paper will cause not only unsatisfactory results, but also the machine to jam or malfunction.

- Folded, curled, or wrinkled paper
- Damp paper
- Paper that is too thin (weighing less than 17 lb (64 g /m²))
- Paper that is too thick (plain paper weighing more than 28 lb (105 g /m²), except for Canon genuine paper)
- Plain paper or notepad paper cut to a small size (when printing on paper smaller than A5)
- Picture postcards
- Postcards affixed with photos or stickers
- Envelopes with a double flap
- Envelopes with an embossed or treated surface
- Envelopes whose gummed flaps are already moistened and adhesive
- Any type of paper with holes
- Paper that is not rectangular
- Paper bound with staples or glue
- Paper with adhesives
- Paper decorated with glitter, etc.

Before Printing on Art Paper

When using art paper, dust is liable to be generated. It is therefore recommended that paper dust be removed on art paper just before printing.

You will need a soft hair brush (or similar brush used to clean office automation equipment).

The wider the brush, the more effective it will be.



OK - soft brush made from material such as polypropylene, polyethylene, horse hair or goat hair.

►► Important

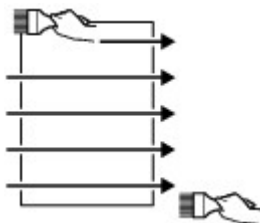
- Be sure not to use brushes as shown below. The printing surface may be damaged.



Not OK - brush made from hard material, cloth or washcloth, sticky and abrasive materials.

Paper dust removal procedure:

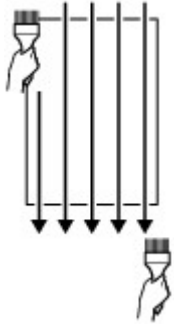
1. Check that the brush is not wet and free from dust or dirt.
2. Brush the overall printing surface carefully in one direction.



►► Important

- Be sure to brush all the way across the paper; do not start brushing at the middle or stop halfway.
- Be careful not to touch the printing surface as much as possible.

3. To complete the removal of paper dust, brush the paper in the other direction from top to bottom.





Printing Area

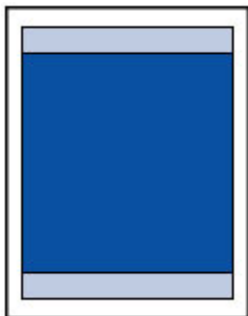
- ▶ **Printing Area**
- ▶ **Other Sizes than Letter, Legal, Envelopes**
- ▶ **Letter, Legal**
- ▶ **Sizes for Art Paper**
- ▶ **Envelopes**
- ▶ **Printable Discs**

Printing Area

To ensure the best print quality, the machine allows a margin along each edge of media. The actual printable area will be the area inside these margins.

Recommended printing area  : Canon recommends that you print within this area.

Printable area  : The area where it is possible to print. However, printing in this area can affect the print quality or the paper feed precision.



▶▶ Note

- With performing Automatic Duplex Printing and Duplex (Two-sided) Copying, the printable area will be 0.08 inch (2 mm) smaller at the top margin.
- When performing borderless copying or borderless printing from a printed photo, select **Extended copy amount** in **Print settings** of **Device settings** to specify the amount of images that extends off the paper.

■ [Print settings](#)

- By selecting Borderless Printing option, you can make prints with no margins.
- When performing Borderless Printing, slight cropping may occur at the edges since the printed image is enlarged to fill the whole page.
- For Borderless Printing, use the following paper:
 - Photo Paper Pro Platinum <PT-101>
 - Glossy Photo Paper "Everyday Use" <GP-501/GP-601>
 - Photo Paper Glossy <GP-601>
 - Photo Paper Plus Glossy II <PP-201>
 - Photo Paper Pro Luster <LU-101>
 - Photo Paper Plus Semi-gloss <SG-201>
 - Matte Photo Paper <MP-101>

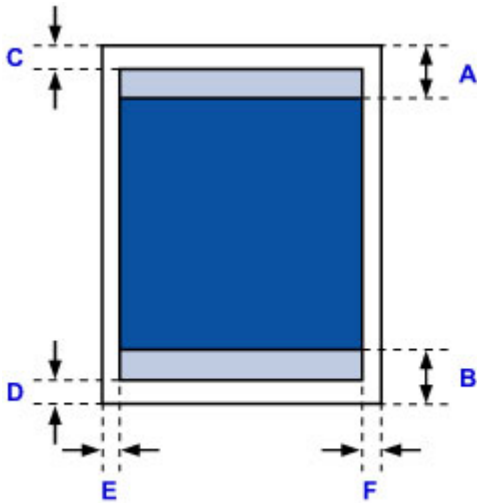
Performing Borderless Printing on any other type of paper may substantially reduce printing quality and/or result in printouts with altered color hues.

Borderless Printing on plain paper may result in printouts with reduced quality. Use them only for test printing. Borderless Printing onto plain paper from the operation panel or from a PictBridge (Wireless LAN) compliant device is not supported.

- Borderless Printing is not available for legal, A5, or B5 sized paper, envelopes, or non-Canon genuine art paper.
- Depending on the type of paper, Borderless Printing may reduce the print quality at the top and bottom edges of the paper or cause these parts to become smudged.

Other Sizes than Letter, Legal, Envelopes

Size	Printable Area (width x height)
A5	5.56 x 7.95 inches (141.2 x 202.0 mm)
A4	8.00 x 11.38 inches (203.2 x 289.0 mm)
B5	6.90 x 9.80 inches (175.2 x 249.0 mm)
4" x 6" (10 x 15 cm)	3.73 x 5.69 inches (94.8 x 144.4 mm)
5" x 7" (13 x 18 cm)	4.73 x 6.69 inches (120.2 x 169.8 mm)
8" x 10" (20 x 25 cm)	7.73 x 9.69 inches (196.4 x 246.0 mm)



 Recommended printing area

A: 1.59 inches (40.4 mm)

B: 1.47 inches (37.4 mm)

 Printable area

C: 0.12 inch (3.0 mm)

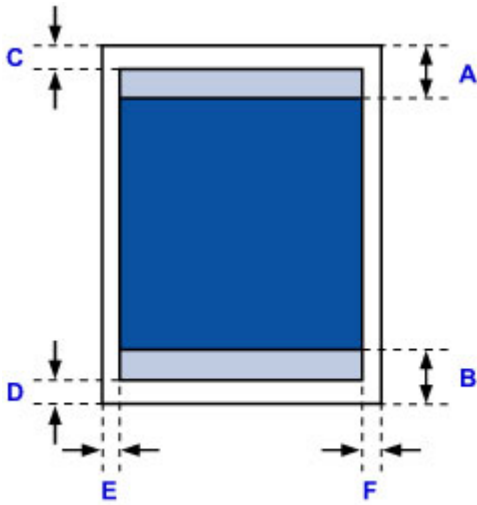
D: 0.20 inch (5.0 mm)

E: 0.13 inch (3.4 mm)

F: 0.13 inch (3.4 mm)

Letter, Legal

Size	Printable Area (width x height)
Letter	8.00 x 10.69 inches (203.2 x 271.4 mm)
Legal	8.00 x 13.69 inches (203.2 x 347.6 mm)



 Recommended printing area

A: 1.59 inches (40.4 mm)

B: 1.47 inches (37.4 mm)

 Printable area

C: 0.12 inch (3.0 mm)

D: 0.20 inch (5.0 mm)

E: 0.25 inch (6.4 mm)

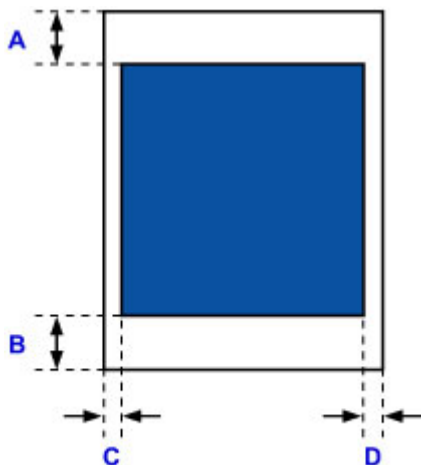
F: 0.25 inch (6.3 mm)

Sizes for Art Paper

A limit is set to prevent printing along a 1.38 inch (35 mm) margin on the top and bottom edges when a paper size for art paper is selected in the printer driver. We recommend checking the printing area in the preview screen before printing.

A4

Size	Recommended Printing Area (width x height)
A4 (art paper, 1.38 inch (35 mm) margin)	8.00 x 8.94 inches (203.2 x 227.0 mm)



Recommended printing area

A: 1.38 inches (35.0 mm)

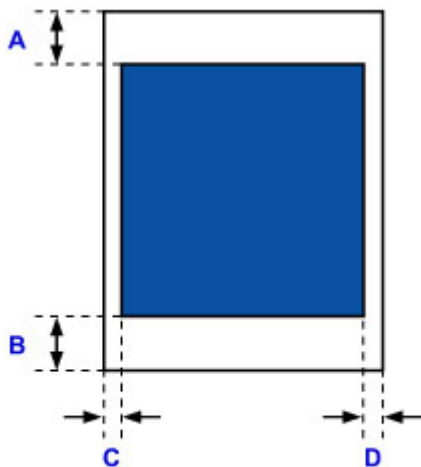
B: 1.38 inches (35.0 mm)

C: 0.13 inch (3.4 mm)

D: 0.13 inch (3.4 mm)

Letter

Size	Recommended Printing Area (width x height)
Letter (art paper, 1.38 inch (35 mm) margin)	8.00 x 8.24 inches (203.2 x 209.4 mm)



Recommended printing area

A: 1.38 inches (35.0 mm)

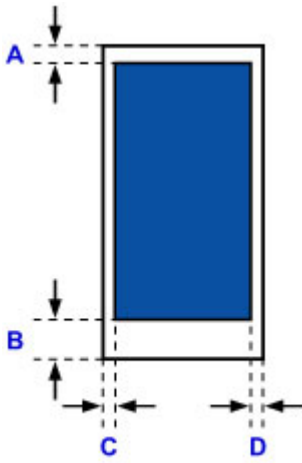
B: 1.38 inches (35.0 mm)


C: 0.25 inch (6.4 mm)

D: 0.25 inch (6.3 mm)

Envelopes

Size	Recommended Printing Area (width x height)
Envelope DL	3.88 x 7.20 inches (98.8 x 183.0 mm)
Envelope Com 10	3.68 x 8.04 inches (93.5 x 204.3 mm)



 Recommended printing area

A: 0.31 inch (8.0 mm)

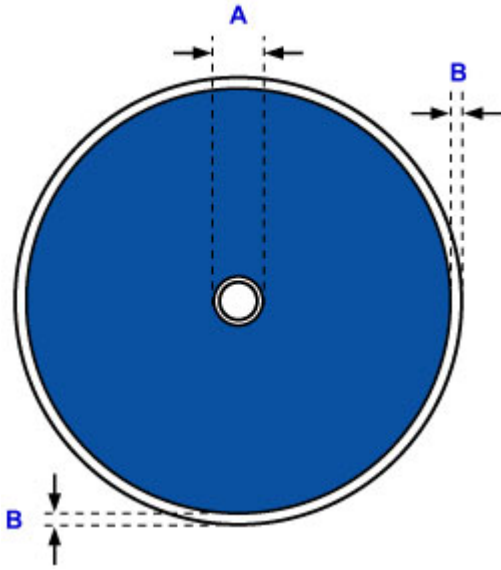
B: 1.14 inches (29.0 mm)


C: 0.22 inch (5.6 mm)

D: 0.22 inch (5.6 mm)

Printable Discs

The printing area of the printable disc is from 0.67 inch (17 mm) of the internal diameter to 0.04 inch (1 mm) from the external diameter of the printing surface.



 Recommended printing area

A: 0.67 inch (17.0 mm)

B: 0.04 inch (1.0 mm)

Administrator Password

Depending on the printer you are using, an administrator password is specified at the time of purchase.

The password is either "canon" or the printer serial number if it is specified.

Model whose administrator password is specified as "canon":

- The administrator password is specified as "canon" for the models below.
MG7500 series, MG6700 series, MG6600 series, MG5600 series
MG2900 series, MX490 series, MB5300 series, MB5000 series
MB2300 series, MB2000 series, E480 series, E460 series
iP110 series, iB4000 series, PRO-100S series, PRO-10S series
- At the time of purchase, the user name "ADMIN" is also specified for the models above.
- The following character restrictions apply to the password that you change:
 - Set the password by using 0 to 32 characters.
 - The allowed characters are single-byte alphanumeric characters.
 - For security reasons, we recommend you use 6 and more alphanumeric characters.

Model whose serial number is used as the administrator password:

- For the models other than the above, the printer serial number is used as the administrator password.
[■ Where Serial Number Is Located](#)
- The following character restrictions apply to the password that you change:
 - Set the password by using 4 to 32 characters.
 - The allowed characters are single-byte alphanumeric characters.
 - For security reasons, we recommend you use 6 and more alphanumeric characters.

▶▶ Important

- You can change the password using one of the tools below. (Some tools may not be available depending on the printer you are using.)
 - operation panel of the printer
 - IJ Network Tool
 - printer information screen displayed on some Canon application software
- If the password has been changed while you are sharing the printer and you do not know the password, ask the administrator of the printer you are using.
- Set the password back to the default setting by initializing the printer settings.
For more on initializing the printer, search for "UG067" or "UG505" on your printer's Online Manual and see the instructions shown.

Authentication

Enter the password when the authentication screen is displayed.

[Administrator Password](#)

You need to enter the user name as well as the password depending on the printer you are using. For more on the user name, see the link above.

Important

- A message to warn you that the identification information is not verified may be displayed depending on the printer you are using.
- For security reasons, we recommend you change the password.

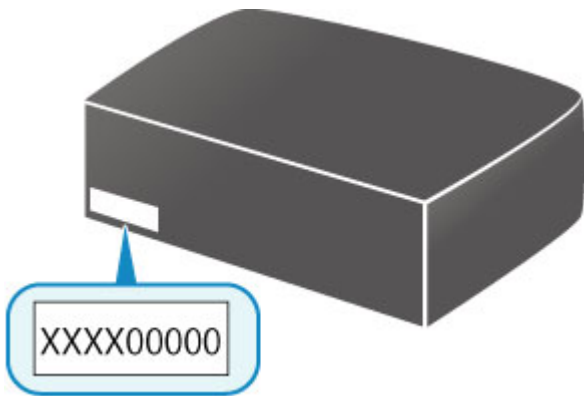
Note

- Use an OS or web browser below to use **Remote UI**.
 - iOS devices:
 - OS: iOS 6.1 or later
 - Browser: Default browser of iOS device (Mobile Safari)
 - Android devices:
 - OS: Android 2.3.3 or later
 - Browser: Default browser of Android device (browser or Chrome)
 - Mac OS devices:
 - OS: Mac OS X v.10.6 or later
 - Browser: Safari 5.1 or later
 - Windows devices:
 - OS: Windows XP or later
 - Browser: Internet Explorer 8 or later / Google Chrome 38.0.2125.104m or later / Mozilla Firefox 33.0 or later

Where Serial Number Is Located

The printer serial number is printed on the sticker attached on the printer. It consists of 9 alphanumeric characters (four alphabets followed by five numbers).

Example:



►► Note

- The printer serial number is written on the warranty.
- Depending on the printer you are using, you can check the serial number by printing out the network setting information of the printer. For more on printing, search for "NR044" on your printer's Online Manual and see the instructions shown.

List of Function for Each Model

See below to check the models you can/cannot use the card slot via a network.

■ [MG series](#)

■ [MX series / MB series / E series / P series / iP series / iX series / iB series / PRO series](#)

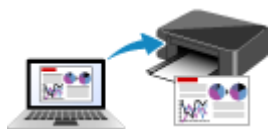
MG series

Model name	Using the card slot via a network
MG7700	×
MG7530F	✓
MG7500	✓
MG7100	✓
MG6930	×
MG6800	×
MG6730	✓
MG6600	✓
MG6500	✓
MG6400	✓
MG5700	No card slot
MG5600	No card slot
MG5500	No card slot
MG3600	No card slot
MG3500	No card slot
MG2900	No card slot
MG2500	No card slot
MG2400	No card slot

MX series / MB series / E series / P series / iP series / iX series / iB series / PRO series

Model name	Using the card slot via a network
MX series	No card slot
MB series	No card slot
E series	No card slot
P series	No card slot
iP series	No card slot
iX series	No card slot
iB series	No card slot
PRO series	No card slot

Printing



Printing from Computer



Printing from Smartphone/Tablet



Printing Using Operation Panel



Printing from Digital Camera



Paper Settings

Printing from Computer

- ▶ **Printing from Application Software (Windows Printer Driver)**
- ▶ **Printing from Application Software (Mac OS Printer Driver)**
- ▶ **Printing Using Canon Application Software**
- ▶ **Printing Using a Web Service**
- ▶ **Printing from an AirPrint-enabled Printer with Mac**

Printing from Application Software (Mac OS Printer Driver)

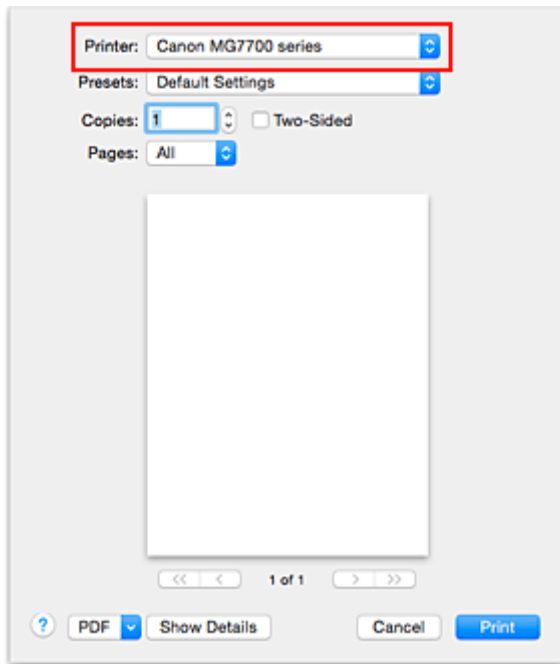
- ▶ **Printing with Easy Setup** 📌 **Basic**
- ▶ **Various Printing Methods**
- ▶ **Changing the Print Quality and Correcting Image Data**
- ▶ **Overview of the Printer Driver**
- ▶ **Updating the Printer Driver**

Printing with Easy Setup

The simple setup procedure for carrying out appropriate printing on this printer is as follows:

1. [Check that the printer is turned on](#)
2. [Load paper](#) on the printer
3. Select the printer

Select your model from the **Printer** list in the [Print Dialog](#).



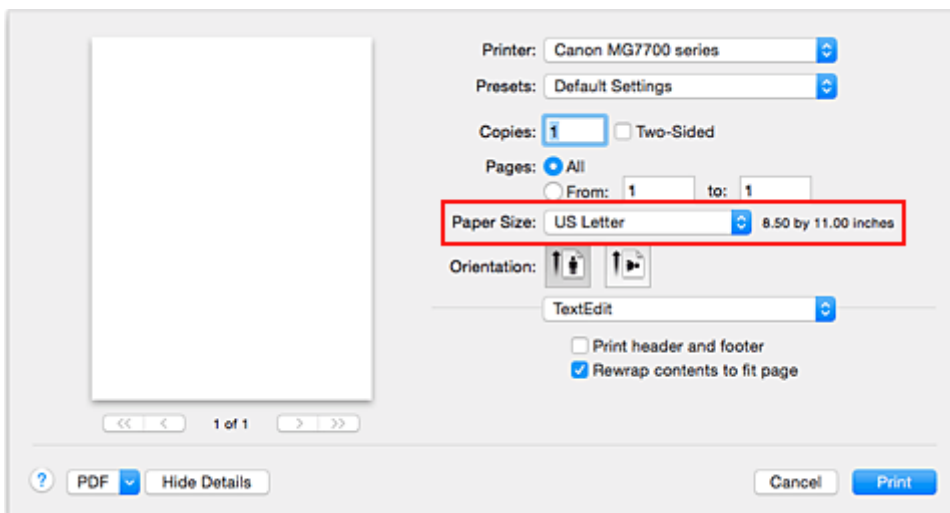
►►► Note

- Click **Show Details** to switch the Setup window to the detailed display.

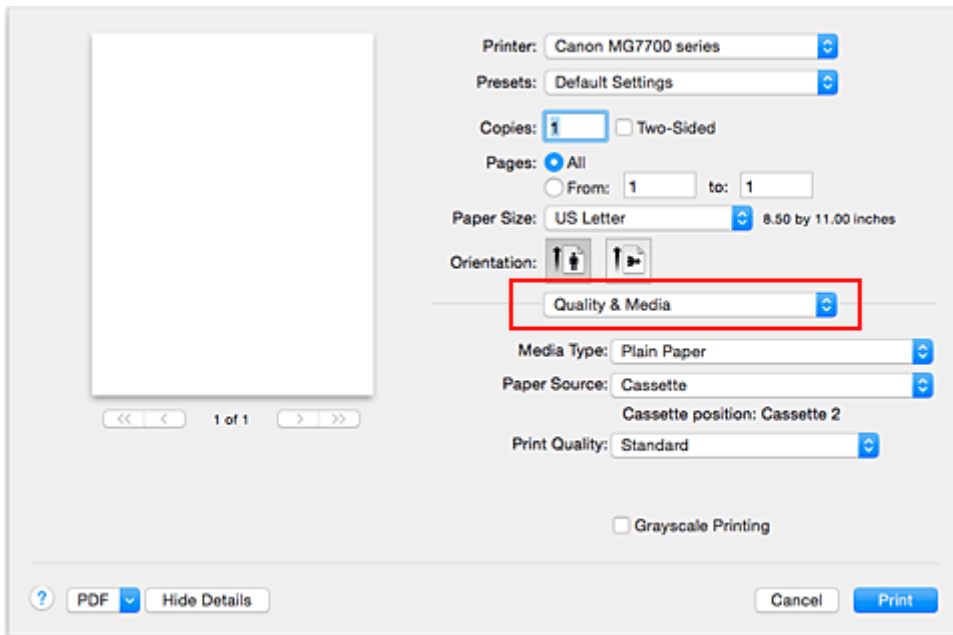
4. Select the paper size

For **Paper Size**, select the paper size to be used.

If necessary, set the number of copies, the pages to be printed, and the orientation.

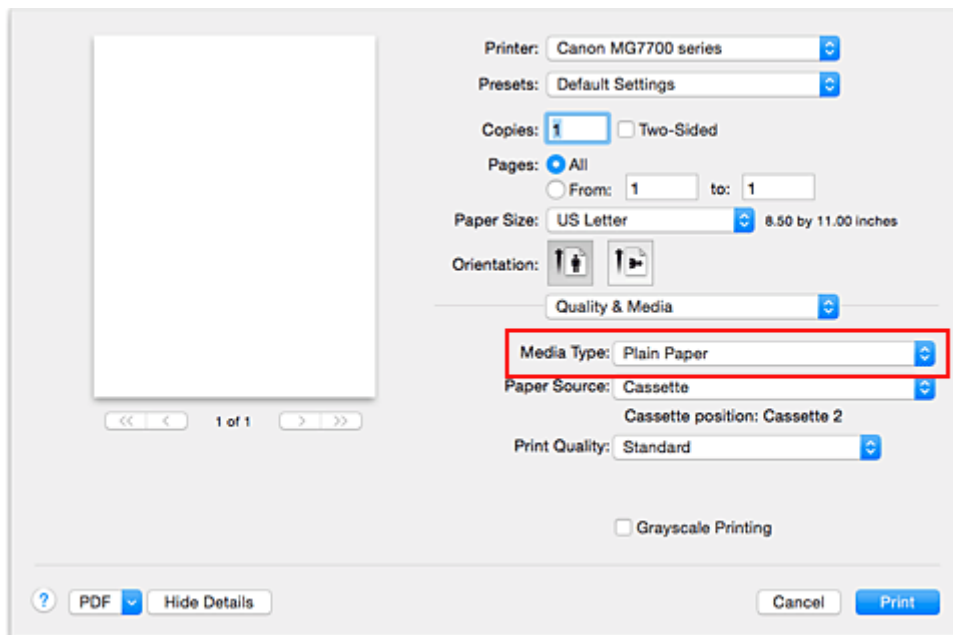


5. Select **Quality & Media** from the pop-up menu



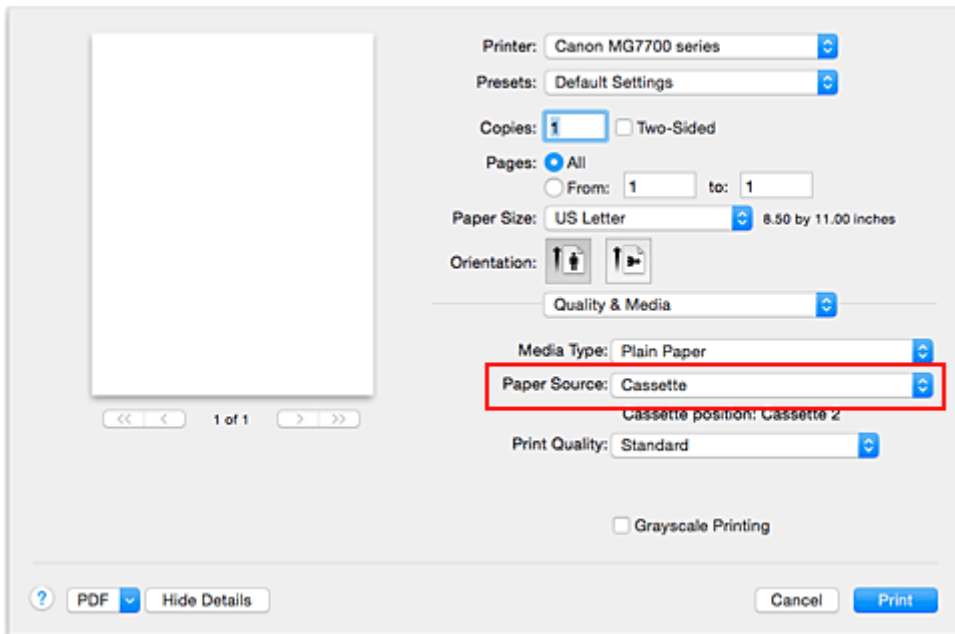
6. Select the media type

For **Media Type**, select the same paper type loaded in the printer.



7. Check the paper source

Check that **Paper Source** is set to **Cassette**.

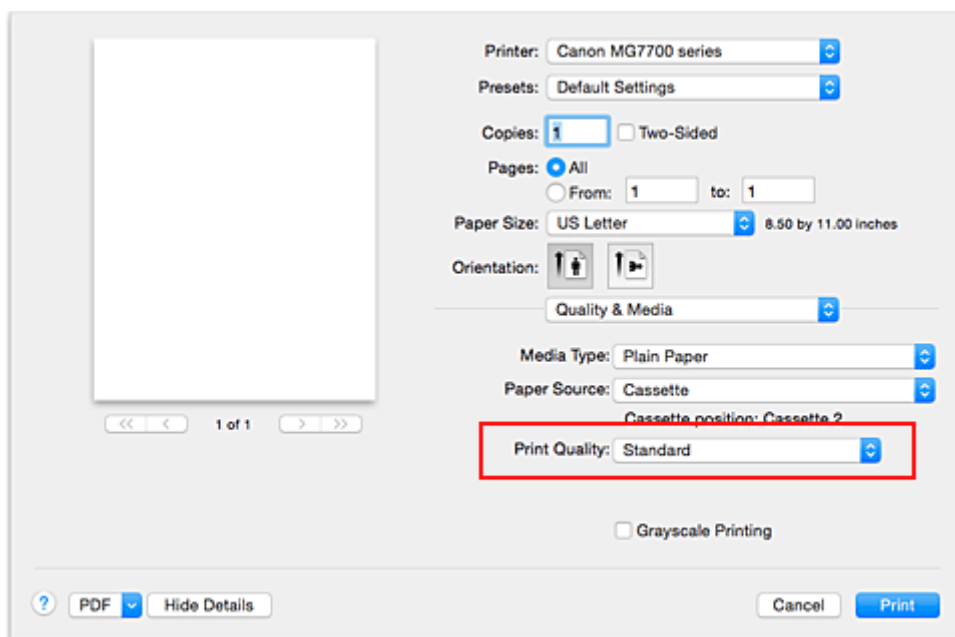


»»» Important

- The paper size determines whether the cassette 1 or cassette 2 is used. The cassette to be used is displayed below **Paper Source**.

8. Select the print quality

For **Print Quality**, select **High**, **Standard**, or **Draft** according to your purpose.



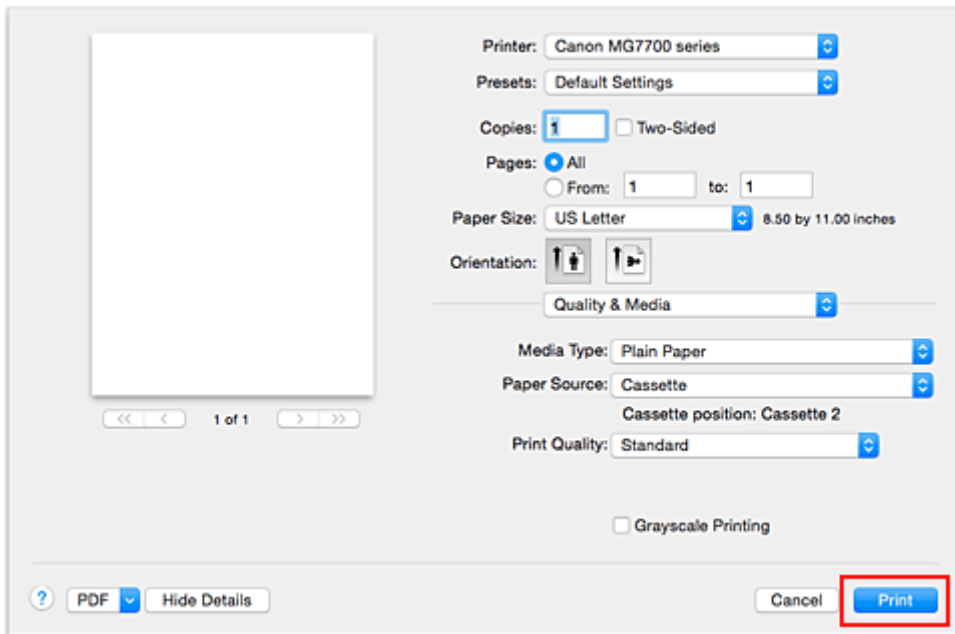
»»» Important

- The print quality settings that can be selected may differ depending on a printing profile.

9. Complete the setup

Click **Print**.

When you execute print, the document will be printed in accordance with the type and size of the media.



►►► Important

- If you check the **Do not show again** check box when a guide message is displayed before printing starts, this will stop any more guide messages from being displayed.
- In the **Presets** section, click **Save Current Settings as Preset...** to [register the specified settings](#).

►►► Note

- If the paper settings on the print dialog differ from the cassette paper information registered on the printer, an error may occur. For instructions on what to do if an error occurs, see "[Paper Settings](#)." For details about the cassette paper information to be registered on the printer, see the following:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

Paper Settings on the Printer Driver and the Printer (Media Type)

When you use this printer, selecting a media type and [paper size](#) that matches the print purpose will help you achieve the best print results.

You can use the following media types on this printer.

Commercially available papers

Media name	Media Type in the printer driver	Cassette paper information registered on the printer
Plain Paper (including recycled paper)	Plain Paper	Plain paper
Envelopes	Envelope	Envelope
Other Photo Paper	Other Photo Paper	Other Photo Paper
T-Shirt Transfers	T-Shirt Transfers	Others

Canon genuine papers (Document Printing)

Media name <Model No.>	Media Type in the printer driver	Cassette paper information registered on the printer
Canon Red Label Superior <WOP111>	Plain Paper	Plain paper
Canon Océ Office Colour Paper <SAT213>	Plain Paper	Plain paper

Canon genuine papers (Photo Printing)

Media name <Model No.>	Media Type in the printer driver	Cassette paper information registered on the printer
Photo Paper Plus Glossy II <PP-201>	Photo Paper Plus Glossy II	Plus Glossy II
Photo Paper Pro Platinum <PT-101>	Photo Paper Pro Platinum	Pro Platinum
Photo Paper Pro Luster <LU-101>	Photo Paper Pro Luster	Pro Luster
Photo Paper Plus Semi-gloss <SG-201>	Photo Paper Plus Semi-gloss	Plus Semi-gloss
Photo Paper Glossy <GP-501/GP-601>	Glossy Photo Paper	Glossy
Matte Photo Paper <MP-101>	Matte Photo Paper	Matte

Canon genuine papers (Business Letter Printing)

Media name <Model No.>	Media Type in the printer driver	Cassette paper information registered on the printer
High Resolution Paper <HR-101N>	High Resolution Paper	High-Res Paper

Canon genuine papers (Original Products)

Media name <Model No.>	Media Type in the printer driver	Cassette paper information registered on the printer
Photo Stickers <PS-101>	Glossy Photo Paper	Glossy

Paper Settings on the Printer Driver and the Printer (Paper Size)

When you use this printer, selecting a paper size that matches the print purpose will help you achieve the best print results.

You can use the following paper sizes on this printer.

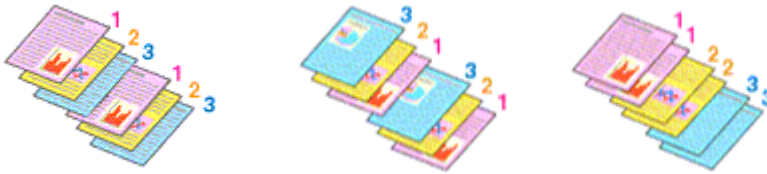
Paper Size in the printer driver	Cassette paper information registered on the printer
US Letter	Letter
US Letter (Art Paper Margin 35)	Letter
US Legal	Legal
A5	A5
A4	A4
Art A4 (Margin 35)	A4
JIS B5	B5
4 x 6	KG/4"x6"(10x15)
5 x 7	2L/5"x7"(13x18)
8 x 10	8"x10"(20x25cm)
L	L(89x127mm)
Envelope #10	Envelope Com 10
Envelope DL	Envelope DL
Envelope You4	Others
Yougata 6	Others
Custom Size	Others

Various Printing Methods

- ▶ **Setting the Number of Copies and Printing Order**
- ▶ **Setting the Stapling Margin**
- ▶ **Execute Borderless Printing**
- ▶ **Scaling the Printing to Fit the Paper Size**
- ▶ **Scaled Printing**
- ▶ **Page Layout Printing**
- ▶ **Duplex Printing**
- ▶ **Printing on Postcards**
- ▶ **Setting Paper Dimensions (Custom Size)**

Setting the Number of Copies and Printing Order

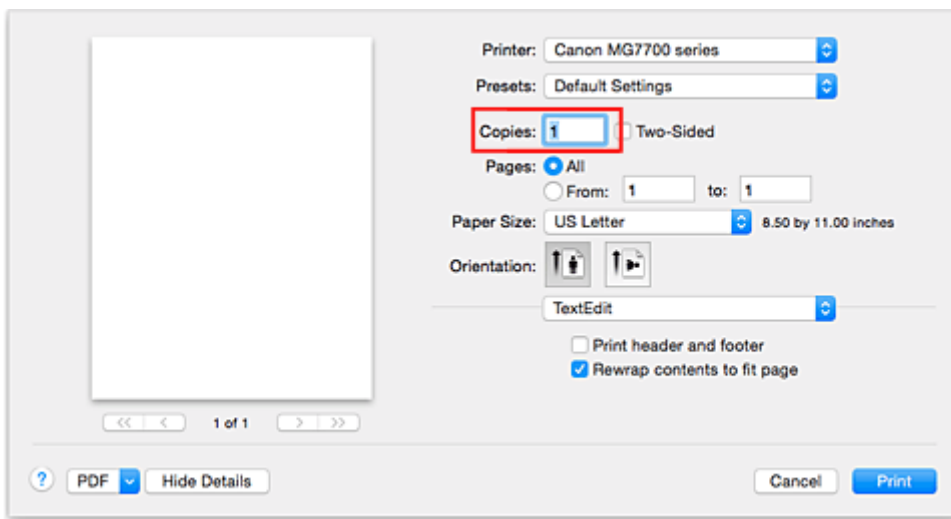
Collate pages + Reverse Collate pages + Normal Reverse



The procedure for specifying the number of copies and printing order is as follows:

1. Specify the number of copies to be printed

Specify the number of copies to print from the **Copies** in the [Print Dialog](#).



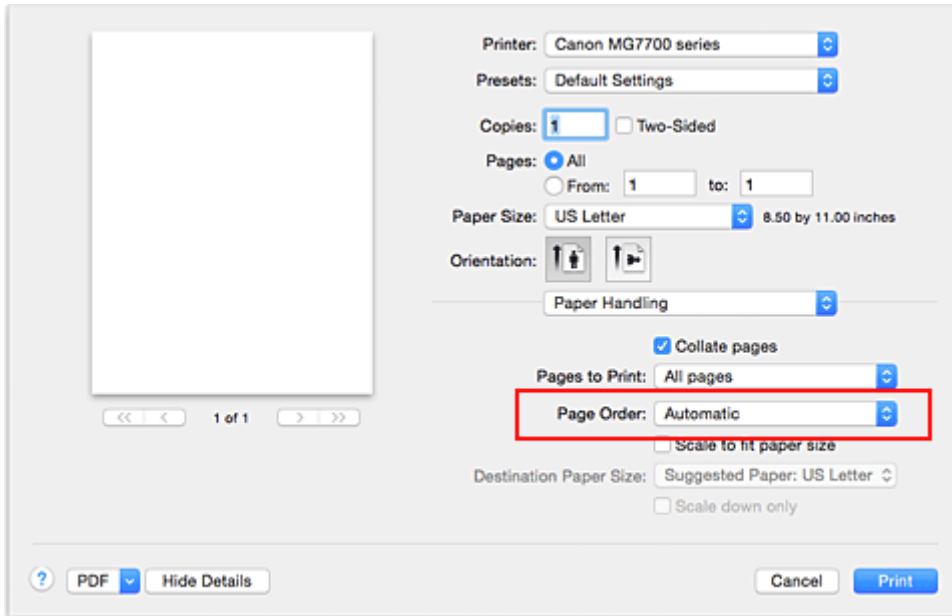
2. Select **Paper Handling** from the pop-up menu
3. Check the **Collate pages** check box when you are specifying multiple copies in the **Copies** box

Check the **Collate pages** check box to print all the pages of a single copy together.
Uncheck this check box to print all pages with the same page number together.

4. Specify the print order

Check **Page Order**.

When you select **Automatic** or **Reverse**, printing starts from the last page.
When you select **Normal**, printing starts from the first page.



5. Complete the setup

Click **Print**.

When you execute print, the specified number of copies will be printed with the specified printing order.

»»» Important

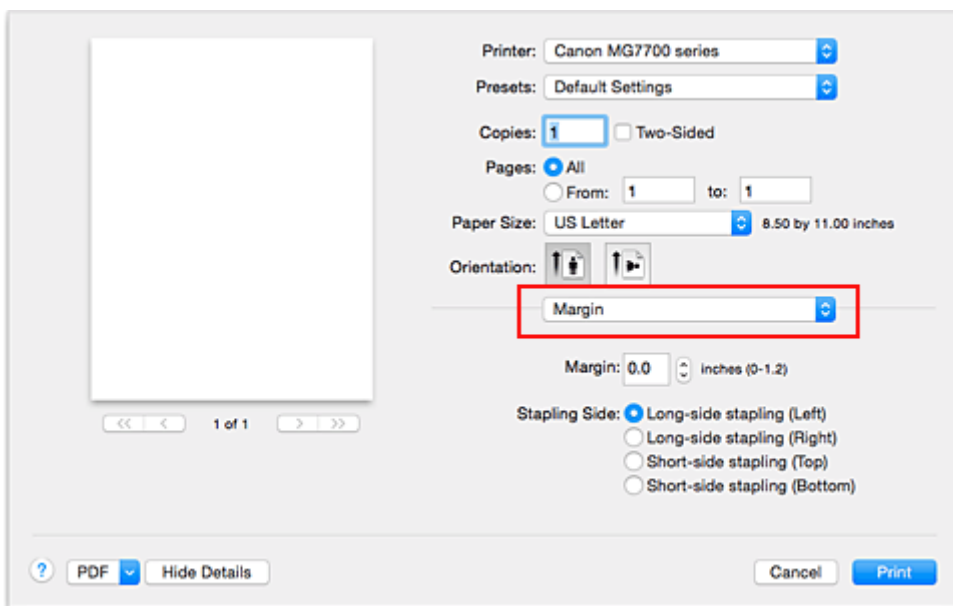
- When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order with both the application software and this printer driver, the number of copies may be multiplied numbers of the two settings or the specified printing order may not be enabled.

Setting the Stapling Margin



The procedure for setting the margin width and the staple side is as follows:

1. Select **Margin** from the pop-up menu on the [Print Dialog](#)



2. Set the margin width and the staple side

If necessary, set the **Margin** width, and select a stapling position from the **Stapling Side** list.

►►► Note

- The printer automatically reduces the print area depending on the staple position margin.
- Depending on the **Two-Sided** setting in the **Layout** pop-up menu, the **Stapling Side** that can be selected differs.

3. Complete the setup

Click **Print**.

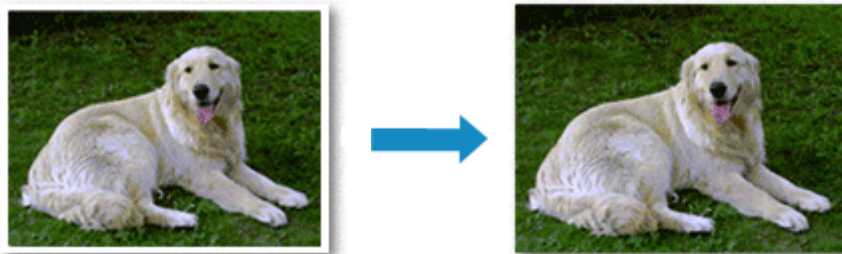
When you execute print, the data is printed with the specified margin width and staple side.

►►► Important

- When borderless printing is enabled, **Margin** and **Stapling Side** appear grayed out and are unavailable.

Execute Borderless Printing

The borderless printing function allows you to print data without any margin by enlarging the data so that it extends slightly off the paper. In standard printing, margins are created around the document area. However, in borderless printing function, these margins are not created. When you want to print data such as a photo without providing any margin around it, set borderless printing.

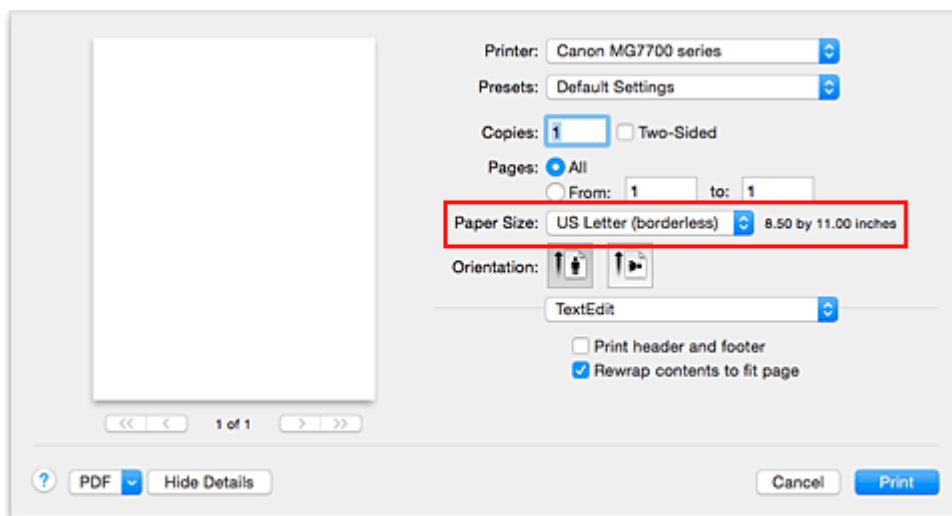


The procedure for performing borderless printing is as follows:

Setting Borderless Printing

1. Select the size of the paper for borderless printing

Select "XXX (borderless)" from the **Paper Size** in the [Print Dialog](#).



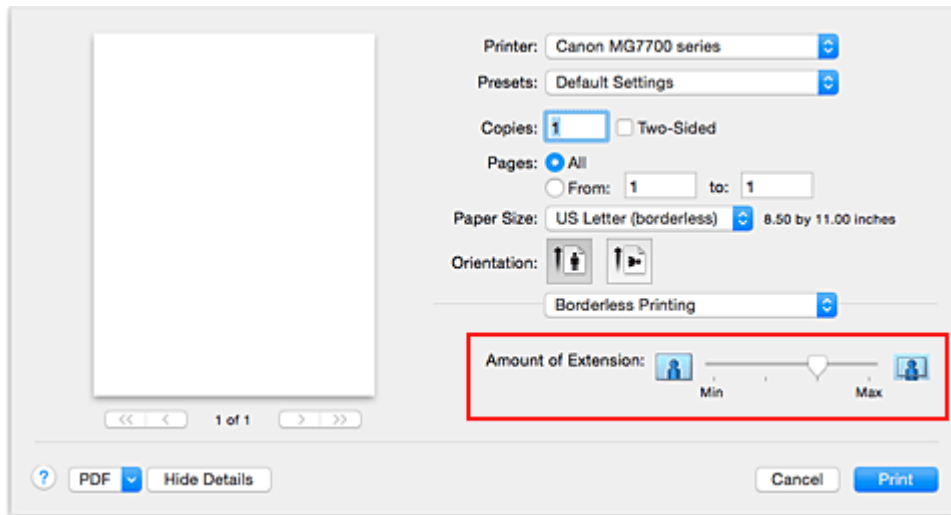
2. Select **Borderless Printing** from the pop-up menu

3. Adjust the amount of extension from the paper

If necessary, adjust the amount of extension using the **Amount of Extension** slider.

Moving the slider to the right increases the amount extending off the paper, and moving the slider to the left decreases the amount.

It is recommended to set the slider at the second position from the right for most cases.



►►► Important

- When the **Amount of Extension** slider is set to the rightmost position, the back side of the paper may become smudged.

4. Complete the setup

Click **Print**.

When you execute print, the data is printed without any margins on the paper.

►►► Important

- Borderless printing only supports specific paper sizes. Make sure to select a paper size with the wording "(borderless)" from the **Paper Size**.
- When borderless printing is enabled, **Other Fine Art Paper**, **Envelope**, **High Resolution Paper**, and **T-Shirt Transfers** appear grayed out and are unavailable in **Media Type** list of **Quality & Media** of the pop-up menu in the Print dialog.
- Print quality may deteriorate or the sheet may be stained at the top and bottom depending on the type of paper used.
- When the ratio of the height to the width differs from the image data, a portion of the image may not be printed depending on the size of the media used.
In this case, crop the image data with an application software according to the paper size.
- When scaled printing or page layout printing is enabled, you cannot perform borderless printing.

►►► Note

- When **Plain Paper** is selected from the **Media Type** menu of the **Quality & Media**, borderless printing is not recommended.

Expanding the Range of the Document to Print

Setting a large amount of extension allows you to perform borderless printing with no problems. However, the portion of the document extending off the paper range will not be printed and for this reason, the subjects around the perimeter of a photo may not be printed.

When you are not satisfied with the result of borderless printing, reduce the amount of extension. The extension amount decreases as the **Amount of Extension** slider is moved to the left.

»» Important

- When the amount of extension is decreased, an unexpected margin may be produced on the print, depending on the size of the paper.

»» Note

- When the **Amount of Extension** slider is set to the leftmost position, image data will be printed in the full size. If you set this when printing the address side of a postcard, the postal code of the sender is printed in the correct position.

Scaling the Printing to Fit the Paper Size

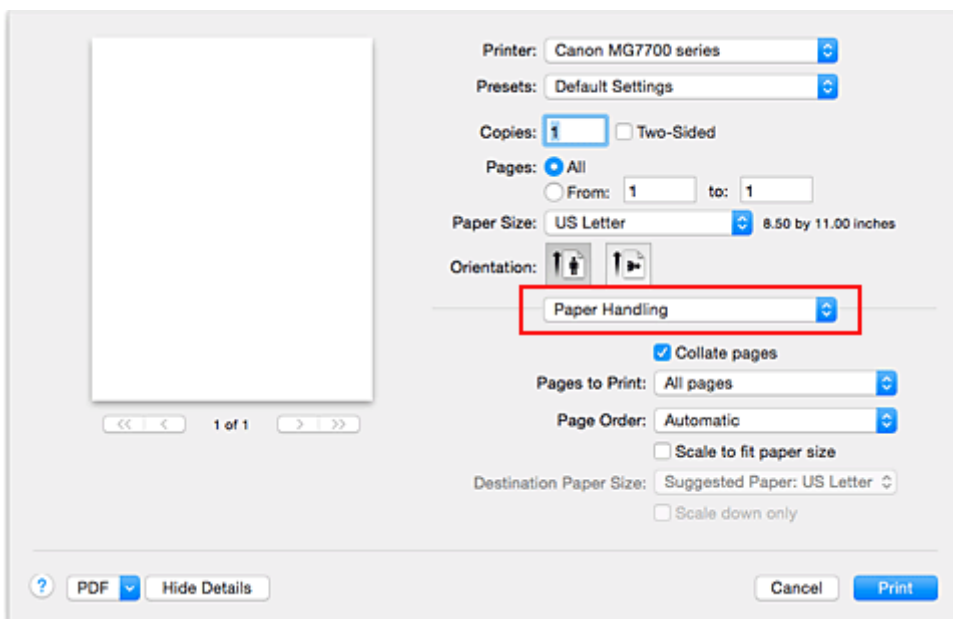


The procedure for printing a document that is automatically enlarged or reduced to fit the paper size to be used is as follows:

1. Check the paper size

Check that the **Paper Size** in the [Print Dialog](#) is the same as the paper size that you set in the application software.

2. Select **Paper Handling** from the pop-up menu



3. Set the print paper size

Check the **Scale to fit paper size** check box. Then from the **Destination Paper Size** pop-up menu, select the paper size that is actually loaded in the printer.

4. If necessary, check the **Scale down only** check box

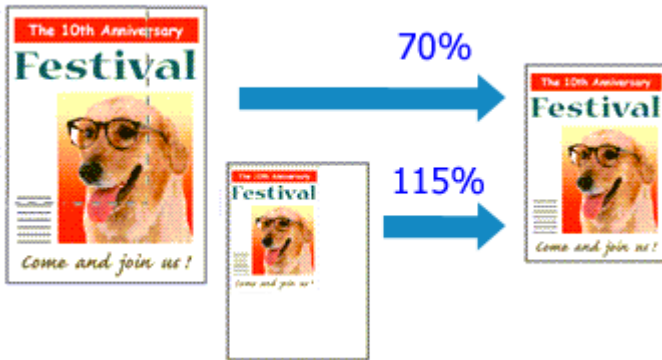
When you check this check box, the document will be reduced to fit to the paper size when the document size is larger than the page size. The document will be printed in the original size when the document size is smaller than the page size.

5. Complete the setup

Click **Print**.

When you execute print, the document will be enlarged or reduced to fit to the page size.

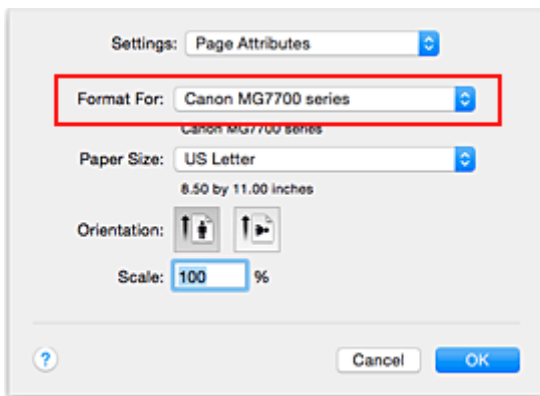
Scaled Printing



The procedure for printing a document with pages enlarged or reduced is as follows:

1. Select the printer

In the [Page Setup Dialog](#), select your model name from the **Format For** list.



2. Set scaled printing

Specify the scaling factor in the **Scale** box, and click **OK**.

▶▶▶ Note

- Depending on the **Scale** value that you set, an error message may be displayed.

3. Complete the setup

On the [Print Dialog](#), click **Print**.

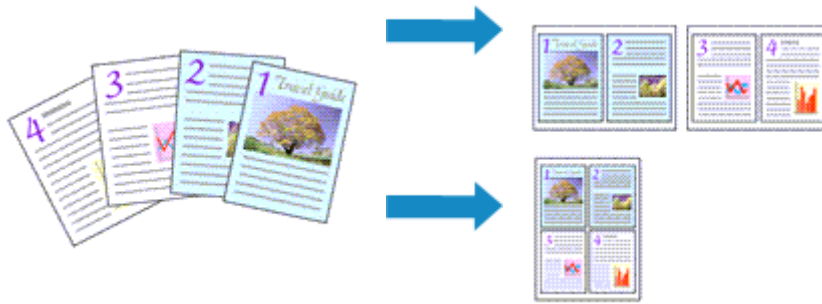
When you execute print, the document will be printed with the specified scale.

▶▶▶ Important

- When the application software which you used to create the original has the scaled printing function, configure the settings on your application software. You do not need to configure the same setting in the Page Setup dialog.

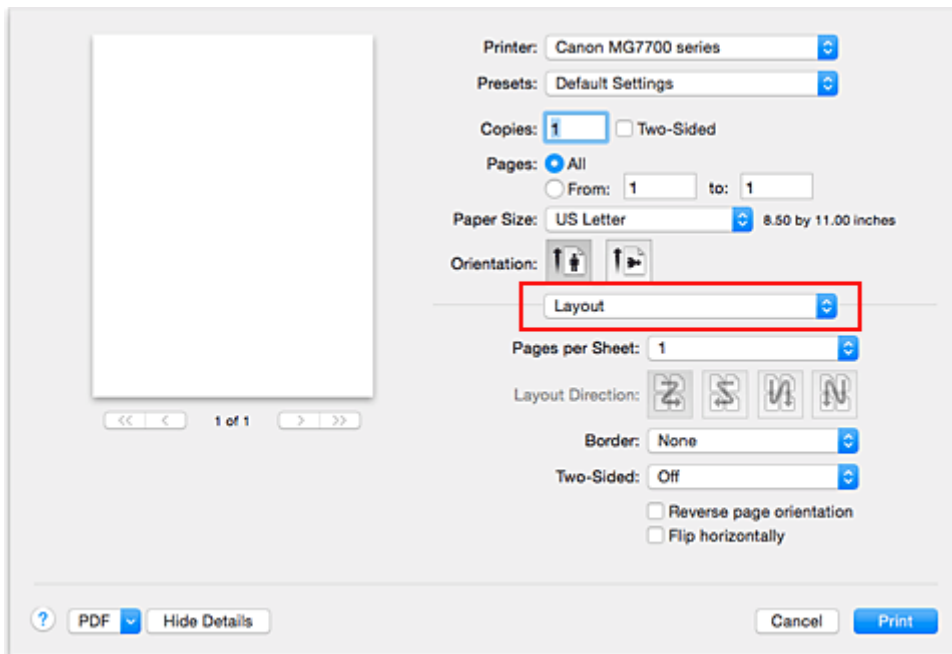
Page Layout Printing

The page layout printing function allows you to print more than one page image on a single sheet of paper.



The procedure for performing page layout printing is as follows:

1. Select **Layout** from the pop-up menu in the [Print Dialog](#)



2. Set the number of original you print on one page

In **Pages per Sheet**, specify the number of page you print on one page.

3. If necessary, set the following items

Layout Direction

To change the page placement order, select an icon from the list.

Border

To print a page border around each document page, select a type of page border.

Reverse page orientation

Select this check box to change the paper orientation.

Flip horizontally

Select this check box to reverse left and right of the document.

4. Complete the setup

Click **Print**.

When you execute print, the specified number of pages will be arranged on each sheet of paper in the specified order.

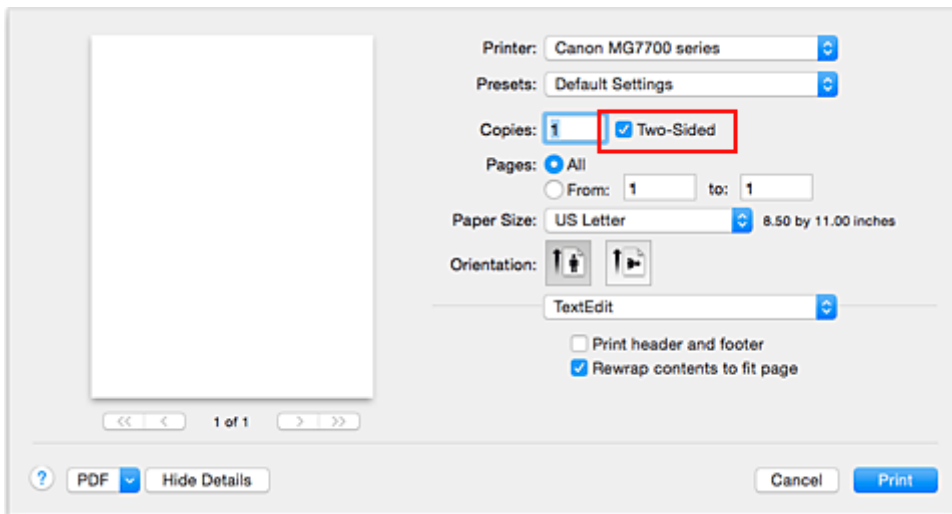
Duplex Printing



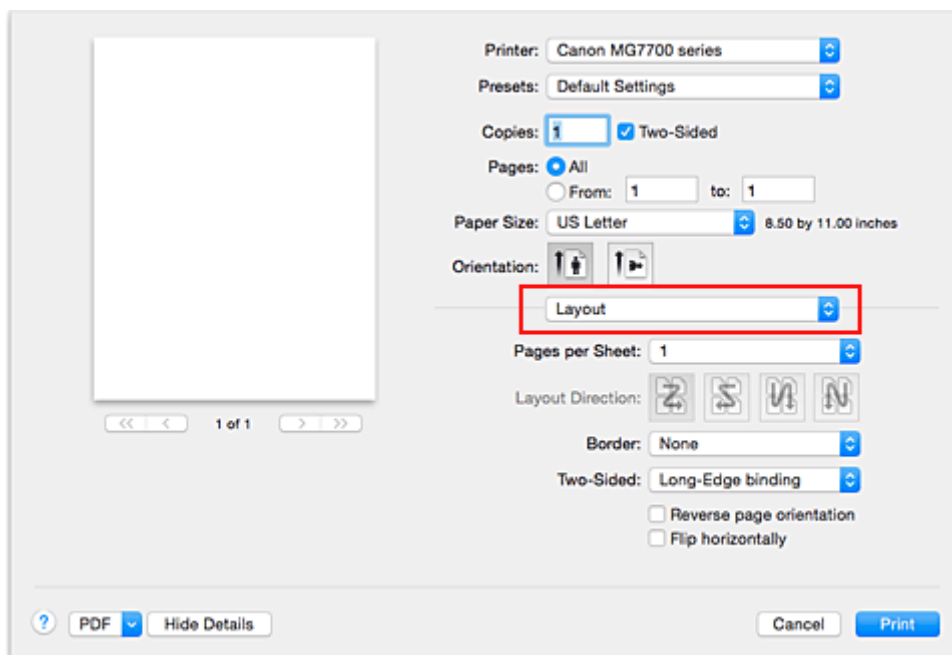
The procedure for printing data on both sides of one sheet of paper is as follows:

1. Set duplex printing

Check the **Two-Sided** check box in the [Print Dialog](#).



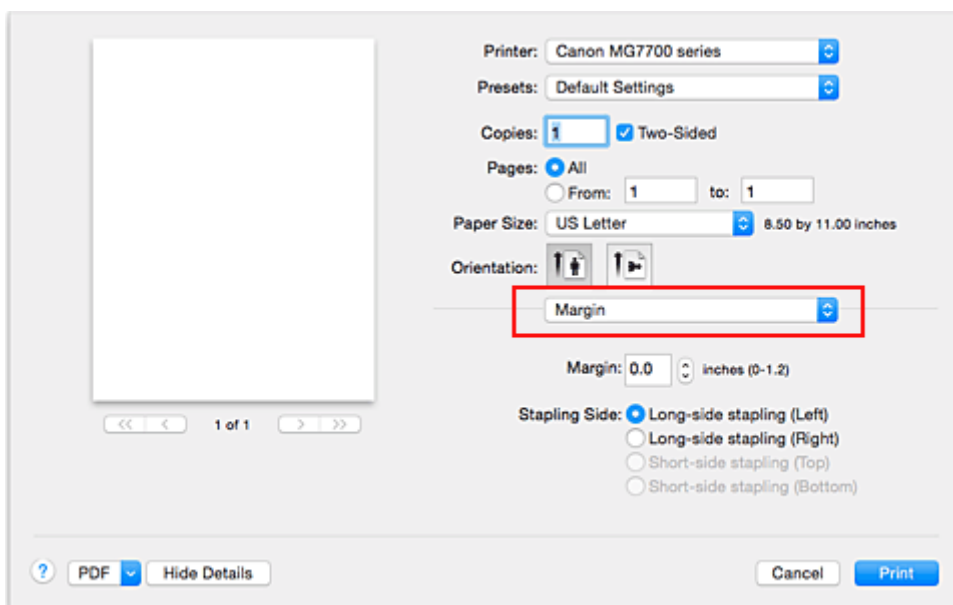
2. Select **Layout** from the pop-up menu on the Print Dialog



3. Set the stapling side

For **Two-Sided**, select either **Long-Edge binding** or **Short-Edge binding**.

4. Select **Margin** from the pop-up menu on the Print Dialog



5. Set the stapling margin

If necessary, set the **Margin** width, and to change the **Stapling Side**, select a setting from the list.

►►► **Note**

- Depending on the **Two-Sided** setting in the **Layout** pop-up menu, the **Stapling Side** that can be selected differs.

6. Complete the setup

Click **Print**.

When you execute print, duplex printing will be started.

►►► **Important**

- When a media type other than **Plain Paper**, **Ink Jet Hagaki (A)**, **Hagaki K (A)**, **Hagaki (A)**, or **Hagaki** is selected from **Media Type** menu of **Quality & Media**, duplex printing cannot be executed.
- When borderless printing is set, duplex printing cannot be executed.
- Duplex printing can be performed only when one of the following paper sizes is selected from **Paper Size**.
 - **US Letter**, **A5**, **A4**, **JIS B5**, **Postcard**
- After printing the front page, there is an ink drying wait time before starting to print the back page (Operation stops temporarily). Do not touch the paper during this time. You can change the ink drying wait time from **Custom Settings** in the Canon IJ Printer Utility.
- When you use the automatic duplex printing function to print a postcard, print the address side first and then print the message side.

►►► **Note**

- When you use duplex printing, the print area becomes slightly smaller than the normal print area.

Related Topic

- [Changing the Printer Operation Mode](#)

Printing on Postcards

This section describes the procedure for postcard printing.

1. [Load postcard](#) on the printer
2. Select paper size in the [Print Dialog](#)

Select **Postcard** or **Postcard Double** from the **Paper Size** menu.

▶▶▶ Important

- Return postcards can be used only when you print them from the computer.
- When printing a return postcard, always set the paper size to **Postcard Double** from your application software or the printer driver.
- Do not fold the return postcard. If a crease is formed, the printer will not be able to feed the postcard properly, and this condition will cause line shifts or a paper jam.
- With return postcards, borderless printing cannot be used.

3. Select **Quality & Media** from the pop-up menu
4. Select the media type

For **Media Type**, select the same paper type loaded in the printer.

▶▶▶ Important

- This printer cannot print on postcards that have photos or stickers attached.
- When you use the duplex printing function to print a postcard, print the address side first and then print the message side.
- When printing on each side of a postcard separately, you will get cleaner printing if you print the message side first and then print the address side.
- The paper settings in the print dialog are different, depending on whether you are printing on the address side or the message side. For details about the cassette paper information to be registered in the print dialog and on the printer, see the following:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)
- When you use the duplex printing function, register the paper information for the side to be printed first.

5. Complete the setup

Click **Print**.

When you execute printing, the data will be printed onto the postcard.

▶▶▶ Important

- If you check the **Do not show again** check box when a guide message is displayed before printing starts, this will stop any more guide messages from being displayed.

Setting Paper Dimensions (Custom Size)

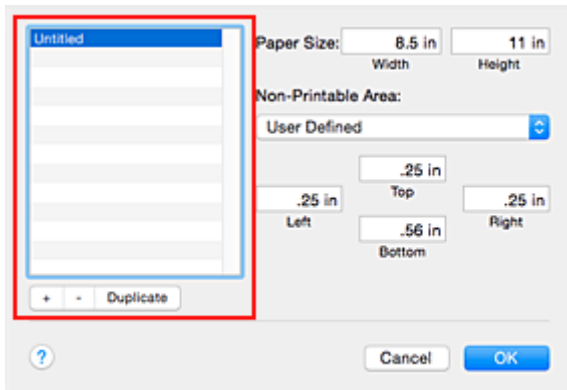
You can specify the height and width of paper when its size cannot be selected from the **Paper Size** menu. Such a paper size is called "custom size."

The procedure for specifying a custom size is as follows:

1. Creating a new custom paper size

In the [Print Dialog](#), select **Manage Custom Sizes...** from **Paper Size**.

In the **Custom Paper Sizes** dialog, click **+**.



Untitled will be added to the list.

2. Setting details about the custom paper size

Double-click **Untitled**, enter the name of the paper size you want to register, and specify the **Width** and **Height** of the paper for **Paper Size**.

Select **User Defined** or your model for **Non-Printable Area**, and enter the margins.

3. Registering the custom paper size

Click **OK**.

The custom size is registered.

»»» Important

- If the application software that created the document has a function for specifying height and width values, use the application software to set the values. If the application software does not have such a function or if the document does not print correctly, perform the above procedure from the printer driver to set the values.

»»» Note

- To duplicate the registered paper size, select the paper size that you want to duplicate from the **Custom Paper Sizes** list, and click **Duplicate**.
- To delete a registered paper size, select the paper size that you want to delete from the **Custom Paper Sizes** list, and click **-**.
- If the paper settings on the print dialog differ from the cassette paper information registered on the printer, an error may occur. For instructions on what to do if an error occurs, see "[Paper Settings](#)." For details about the cassette paper information to be registered on the printer, see the following:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

Changing the Print Quality and Correcting Image Data

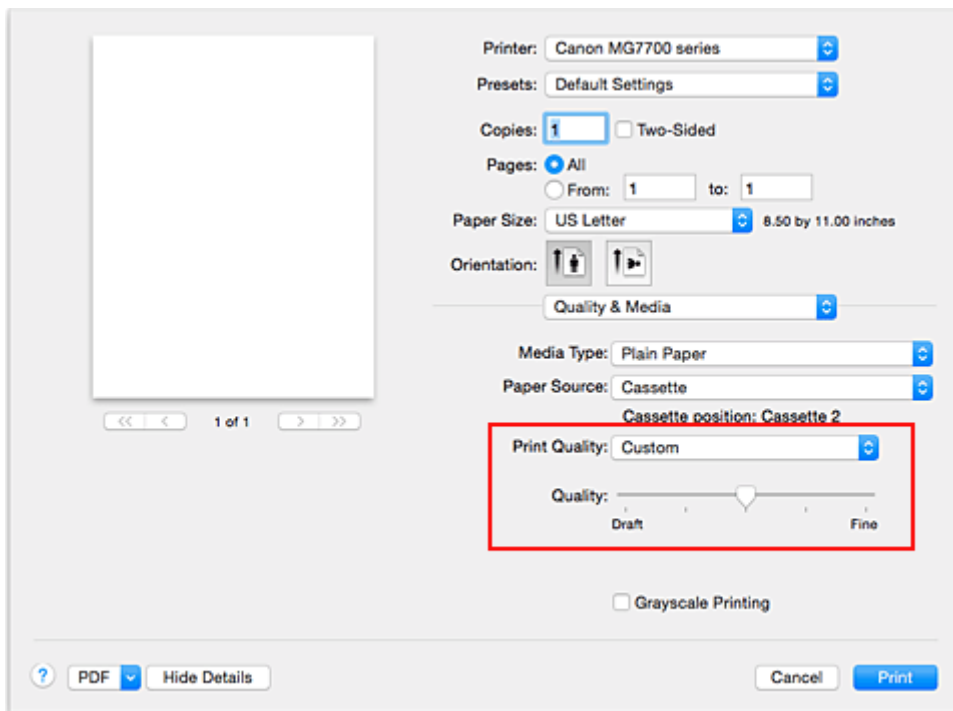
- ▶ **Setting the Print Quality Level (Custom)**
- ▶ **Printing a Color Document in Monochrome**
- ▶ **Adjusting Tone**
- ▶ **Specifying Color Correction**
- ▶ **Optimal Photo Printing of Image Data**
- ▶ **Adjusting Colors with the Printer Driver**
- ▶ **Printing with ICC Profiles (Specifying an ICC Profile from the Application Software)**
- ▶ **Printing with ICC Profiles (Specifying an ICC Profile from the Printer Driver)**
- ▶ **Interpreting the ICC Profile**
- ▶ **Adjusting Color Balance**
- ▶ **Adjusting Brightness**
- ▶ **Adjusting Intensity**
- ▶ **Adjusting Contrast**

Setting the Print Quality Level (Custom)

The print quality level can be set in the **Custom**.

The procedure for setting the print quality level is as follows:

1. Select **Quality & Media** from the pop-up menu on the [Print Dialog](#)
2. Select the print quality
Select **Custom** for **Print Quality**.



3. Setting the print quality level

Move the **Quality** slider to select the print quality level.

4. Complete the setup

Click **Print**.

When you execute print, the image data is printed with the selected print quality level.

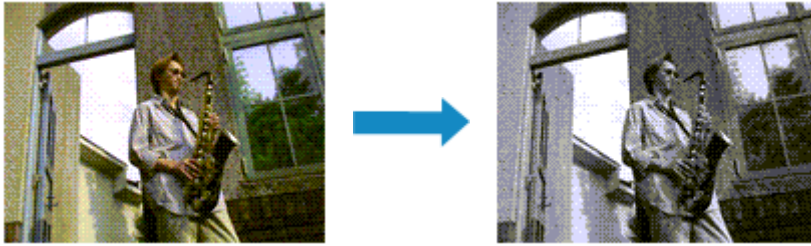
▶▶▶ Important

- Certain print quality levels cannot be selected depending on the settings of **Media Type**.

Related Topics

- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

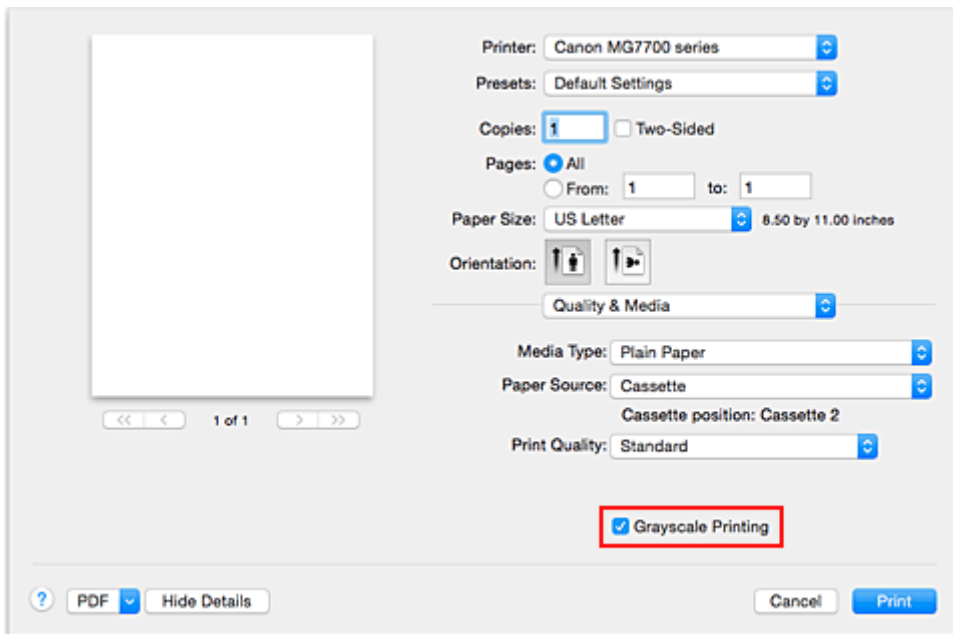
Printing a Color Document in Monochrome



The procedure for printing a color document in monochrome is as follows:

1. Select **Quality & Media** from the pop-up menu on the [Print Dialog](#)
2. Set grayscale printing

Check the **Grayscale Printing** check box.



3. Complete the setup

Click **Print**.

When you execute print, the document is converted to grayscale data. It allows you to print the color document in monochrome.

►► Note

- During **Grayscale Printing**, inks other than black ink may be used as well.

Related Topic

- [Adjusting Tone](#)

Adjusting Tone

When printing black and white photos, you can produce the cooling effects of cool colors and the warming effects of warm colors.



Cool is selected

Standard is selected

Warm is selected

The procedure for adjusting tone is as follows:

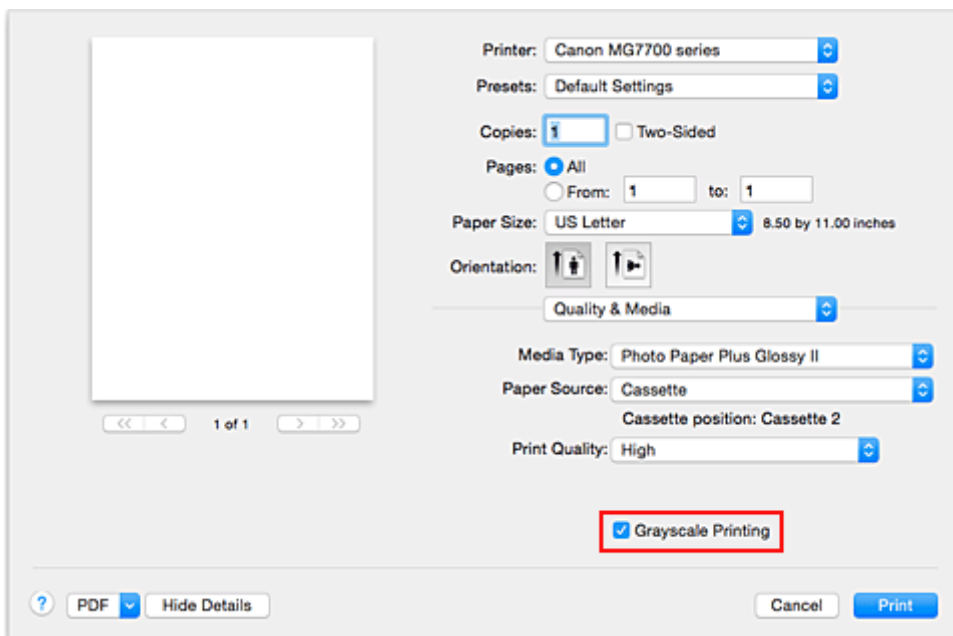
1. Select **Quality & Media** from the pop-up menu of the [Print Dialog](#)

2. Select the media type

For **Media Type**, select either **Photo Paper Plus Glossy II**, **Photo Paper Pro Platinum**, **Photo Paper Pro Luster**, **Photo Paper Plus Semi-gloss**, or **Other Fine Art Paper**.

3. Set grayscale printing

Check the **Grayscale Printing** check box.

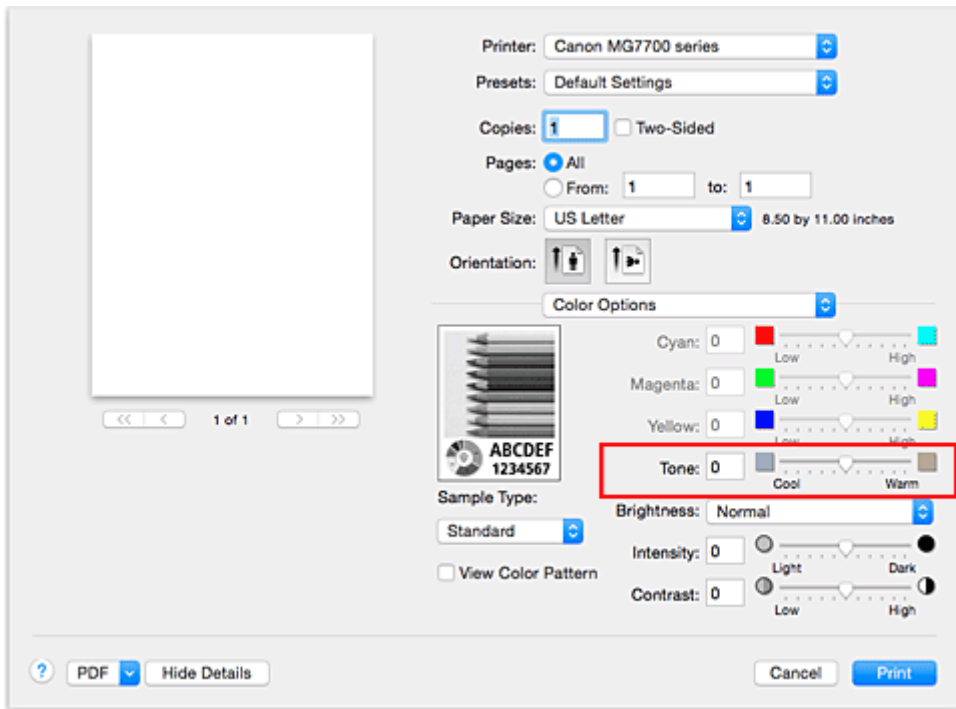


4. Select **Color Options** from the pop-up menu

5. Adjusting monochrome tones

Moving the **Tone** slider to the right brings out the warm colors (warm tones), and moving it to the left brings out the cool colors (cool tones).

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.



6. Complete the setup

Click **Print**.

When you execute print, the color document is converted to grayscale data with adjusted tones. It allows you to print the color document in monochrome.

▶▶▶ Important

- If you select **ColorSync** for **Color Matching**, then **Tone** appears grayed out and is unavailable.

Related Topics

- [Printing a Color Document in Monochrome](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

Specifying Color Correction

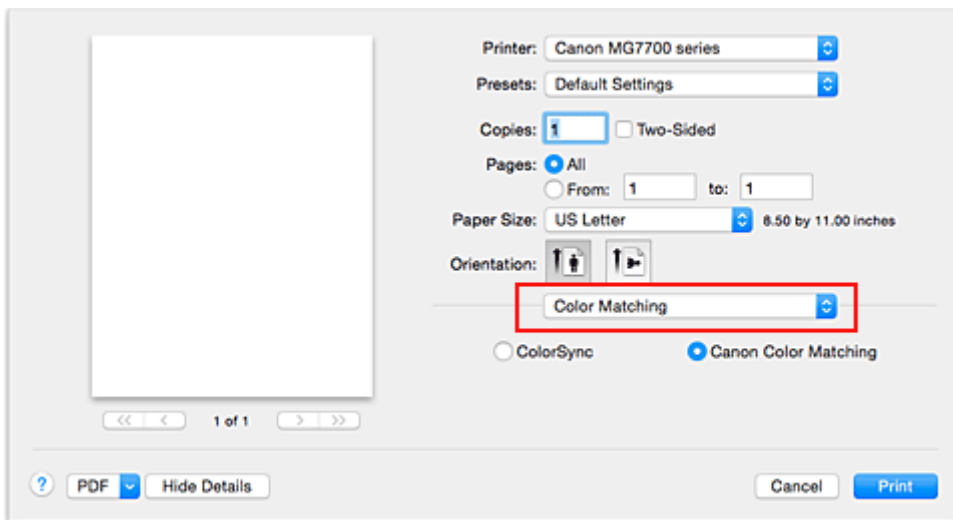
You can specify the color correction method suited to the type of document to be printed.

Normally, the printer driver adjusts the colors by using Canon Digital Photo Color so that data is printed with color tints that most people prefer.

When you want to print by using the color space (sRGB) of the image data effectively or by specifying a printing ICC profile from your application software, select **ColorSync**. When you want to print by having the printer driver correct the colors, select **Canon Color Matching**.

The procedure for specifying color correction is as follows:

1. Select **Color Matching** from the pop-up menu of the [Print Dialog](#)



2. Select color correction

Select the item below that matches your purpose.

ColorSync

Perform color correction using ColorSync.

Canon Color Matching

With Canon Digital Photo Color, you can print with color tints that most people prefer.

3. Complete the setup

Click **Print**.

When you execute print, the document data is printed with the specified color correction.

▶▶▶ Important

- Depending on the application software, when a printing ICC profile is specified from that application software, **Canon Color Matching** cannot be selected because **ColorSync** is selected automatically.
- The **Quality & Media** setting is necessary even when **ColorSync** or **Canon Color Matching** is selected.

Related Topics

- [Optimal Photo Printing of Image Data](#)
- [Adjusting Colors with the Printer Driver](#)
- [Printing with ICC Profiles \(Specifying an ICC Profile from the Application Software\)](#)

- [Printing with ICC Profiles \(Specifying an ICC Profile from the Printer Driver\)](#)
- [Interpreting the ICC Profile](#)

Optimal Photo Printing of Image Data

When people print images taken with digital cameras, they sometimes feel that the printed color tones differ from those of actual image or those displayed on the monitor.

To get the print results as close as possible to the desired color tones, you must select a printing method that is best suited to the application software used or to your purpose.

Color Management

Devices such as digital cameras, scanners, monitors, and printers handle color differently. Color management (color matching) is a method that manages device-dependent "colors" as a common color space.

For Mac OS, a color management system called "ColorSync" is built into the operating system. sRGB is one of the common color spaces that is frequently used.

ICC profiles convert device-dependent "colors" into a common color space. By using an ICC profile and carrying out color management, you can draw out the color space of the image data within the color reproduction area that the printer can express.

Selecting a Printing Method Suited to the Image Data

The recommended printing method depends on the color space (sRGB) of the image data or the application software to be used.

There are two typical printing methods.

Check the color space (sRGB) of the image data and the application software to be used, and then select the printing method suited to your purpose.

[Adjusting Colors with the Printer Driver](#)

Describes the procedure for printing by using the color correction function of the printer driver.

- To print using Canon Digital Photo Color

The printer prints data with color tints that most people prefer, reproducing colors of the original image data and producing three-dimensional effects and high, sharp contrasts.

- To print by directly applying editing and touch-up results of an application software

When printing the data, the printer brings out subtle color difference between dark and light areas, while leaving the darkest and lightest areas intact.

When printing the data, the printer applies fine adjustment results, such as brightness adjustments made with an application software.

[Printing with ICC Profiles \(Specifying an ICC Profile from the Application Software\)](#)

Describes the procedure for printing by using the color space of sRGB effectively.

You can print with a common color space by setting up the application software and the printer driver so that the color management matches the input ICC profile of the image data.

The method for setting up the printer driver differs depending on the application software to be used.

Related Topic

- [Interpreting the ICC Profile](#)

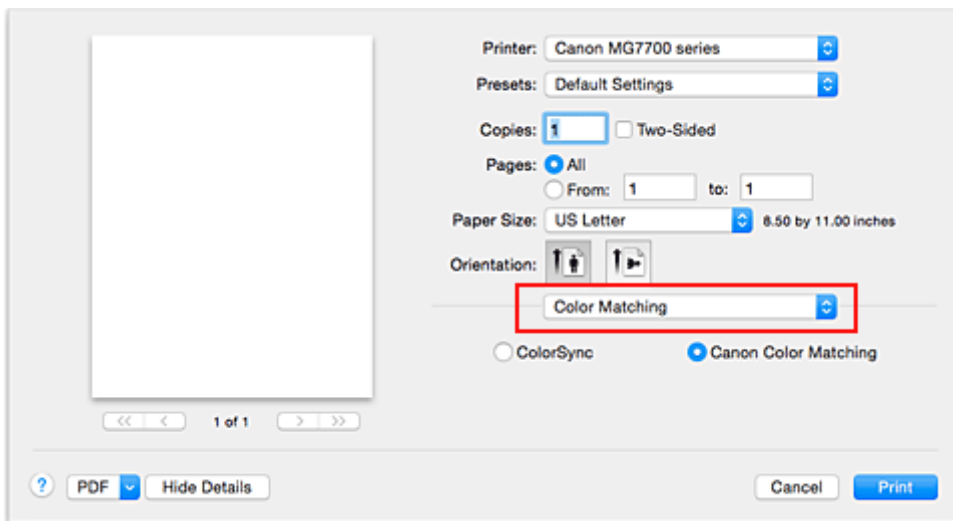
Adjusting Colors with the Printer Driver

You can specify the color correction function of the printer driver to print with color tints that most people prefer through the use of Canon Digital Photo Color.

When printing from an application software that can identify ICC profiles and allows you to specify them, use a printing ICC profile in the application software, and select settings for color management.

The procedure for adjusting colors with the printer driver is as follows:

1. Select **Color Matching** from the pop-up menu of the [Print Dialog](#)



2. Select color correction

Select **Canon Color Matching**.

3. Set the other items

From the pop-up menu, select **Color Options**. If necessary, adjust the color balance (**Cyan, Magenta, Yellow**) and adjust **Brightness, Intensity, and Contrast** settings.

4. Complete the setup

Click **Print**.

When you execute print, the printer driver adjusts the colors when printing the data.

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

Printing with ICC Profiles (Specifying an ICC Profile from the Application Software)

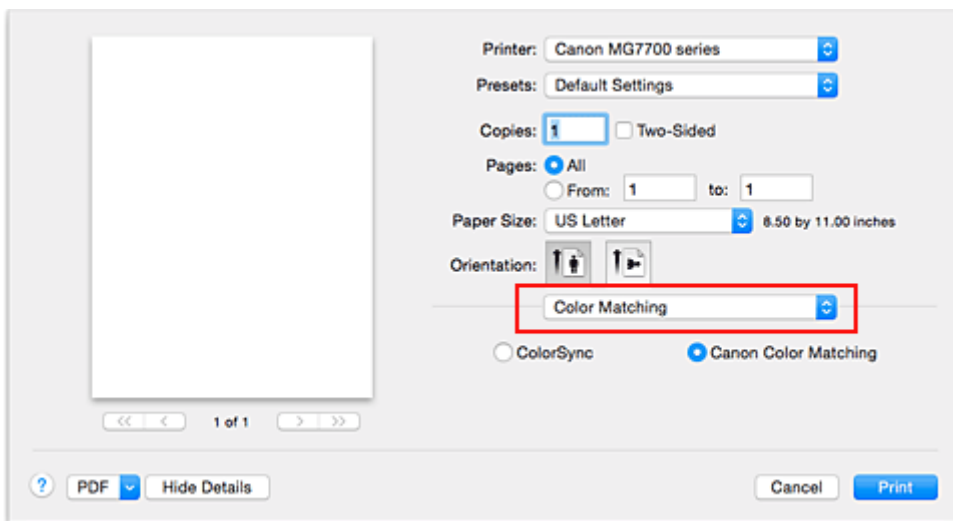
When you print from Adobe Photoshop, Canon Digital Photo Professional, or any application software that can identify input ICC profiles and allows you to specify such profiles, printer uses the color management system (ColorSync) built-into Mac OS when printing. The printer prints the editing and touch-up results of the application software and effectively uses the color space of the input ICC profile specified in the image data.

To use this printing method, use your application software to select color management items and specify an input ICC profile and a printing ICC profile in the image data.

Even if you print using a printing ICC profile that you created yourself or one for special Canon paper, be sure to select color management items from your application software.

For instructions, refer to the manual of the application software you are using.

1. Select **Color Matching** from the pop-up menu of the [Print Dialog](#)



2. Select color correction

Select **ColorSync**.

You can leave **Profile** set to **Automatic**.

▶▶▶ Important

- Depending on the application software you use, you may not be able to select setting items other than **ColorSync**.
- If you choose a **Profile** setting other than **Automatic** or "Printing Paper ICC Profile", the printer will not be able to print with the correct colors.

3. Complete the setup

Click **Print**.

When you execute print, the printer uses the color space of the image data.

Related Topics

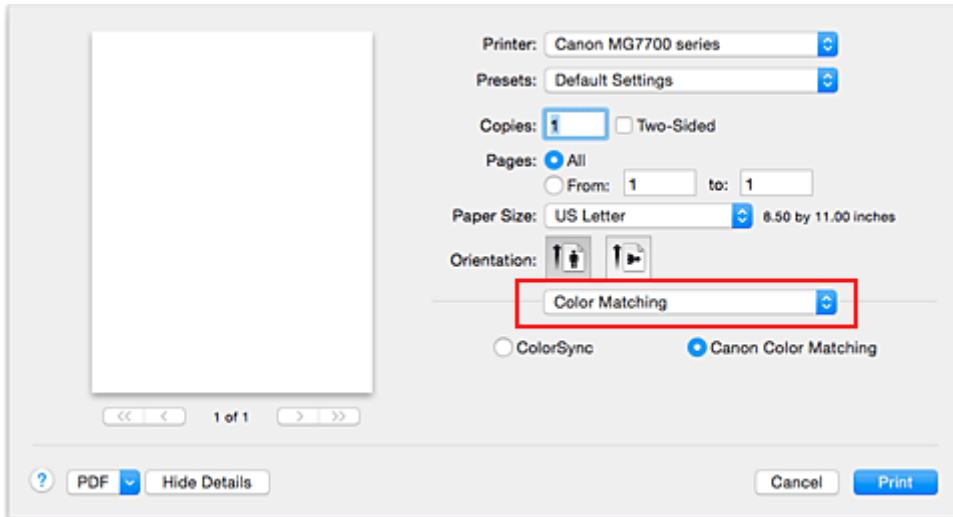
- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)

- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

Printing with ICC Profiles (Specifying an ICC Profile from the Printer Driver)

Print from an application software that cannot identify or specify input ICC profiles by using the color space of the input ICC profile (sRGB) found in the data.

1. Select **Color Matching** from the pop-up menu of the [Print Dialog](#)



2. Select color correction

Select **ColorSync**.

You can leave **Profile** set to **Automatic**.

▶▶▶ Important

- If you choose a **Profile** setting other than **Automatic** or "Printing Paper ICC Profile", the printer will not be able to print with the correct colors.

3. Complete the setup

Click **Print**.

When you execute print, the printer uses the color space of the image data.

▶▶▶ Important

- You cannot specify an input ICC profile from the printer driver.

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

Interpreting the ICC Profile

When you need to specify the printer profile, select the ICC profile for the paper to print on.

The ICC profiles installed for this printer appear as follows.

Canon XXXXX PR 1
(1) (2) (3)

- (1) is the model name of the printer.
- (2) is the media type. This notation corresponds to the following media type:
 - GL: Photo Paper Plus Glossy II
 - PT: Photo Paper Pro Platinum
 - SG/LU: Photo Paper Plus Semi-gloss / Photo Paper Pro Luster
 - MP: Matte Photo Paper
 - Other Fine Art Paper: Other Fine Art Paper

- (3) is the print quality.

The print quality is divided into 5 levels, ranging from high speed to high quality. As the number decreases, the print quality becomes higher. This value corresponds to the **Quality** slide bar that is displayed when you select **Quality & Media** from the pop-up menu of the [Print Dialog](#) and then select **Custom** for **Print Quality**.

Adjusting Color Balance

You can adjust the color tints when printing.

Since this function adjusts color balance of the output by changing the ink ratios of each color, it changes the total color balance of the document. Use the application software when you want to change the color balance significantly. Use the printer driver only when you want to adjust the color balance slightly.

The following sample shows the case when color balance is used to intensify cyan and to diminish yellow so that the overall colors are more uniform.



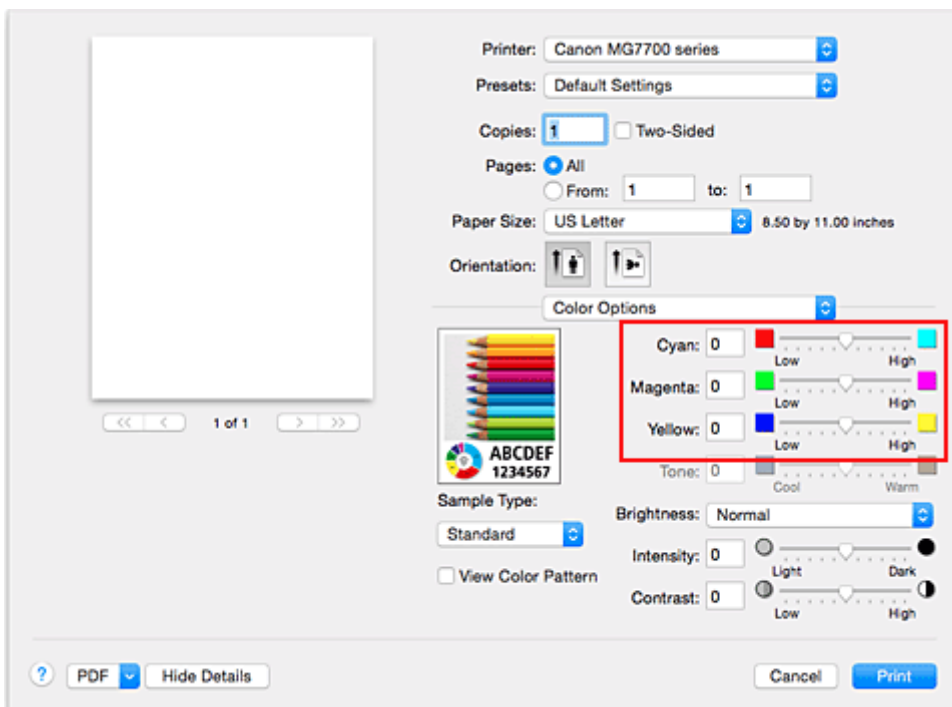
No adjustment Adjust color balance

The procedure for adjusting color balance is as follows:

1. Select **Color Options** from the pop-up menu of the [Print Dialog](#)
2. Adjust color balance

There are individual sliders for **Cyan**, **Magenta**, and **Yellow**. Each color becomes stronger when the corresponding slider is moved to the right, and becomes weaker when the corresponding slider is moved to the left. For example, when cyan becomes weaker, the color red becomes stronger.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.



3. Complete the setup

Click **Print**.

When you execute print, the document is printed with the adjusted color balance.

Important

- When the **Grayscale Printing** check box is checked for **Quality & Media**, the color balance (**Cyan, Magenta, Yellow**) appear grayed out and are unavailable.
- If you select **ColorSync** for **Color Matching**, then the color balance (**Cyan, Magenta, Yellow**) appear grayed out and are unavailable.

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

Adjusting Brightness

You can change the brightness of the overall image data during printing.

This function does not change pure white or pure black but it changes the brightness of the intermediate colors.

The following sample shows the print result when the brightness setting is changed.



Light is selected

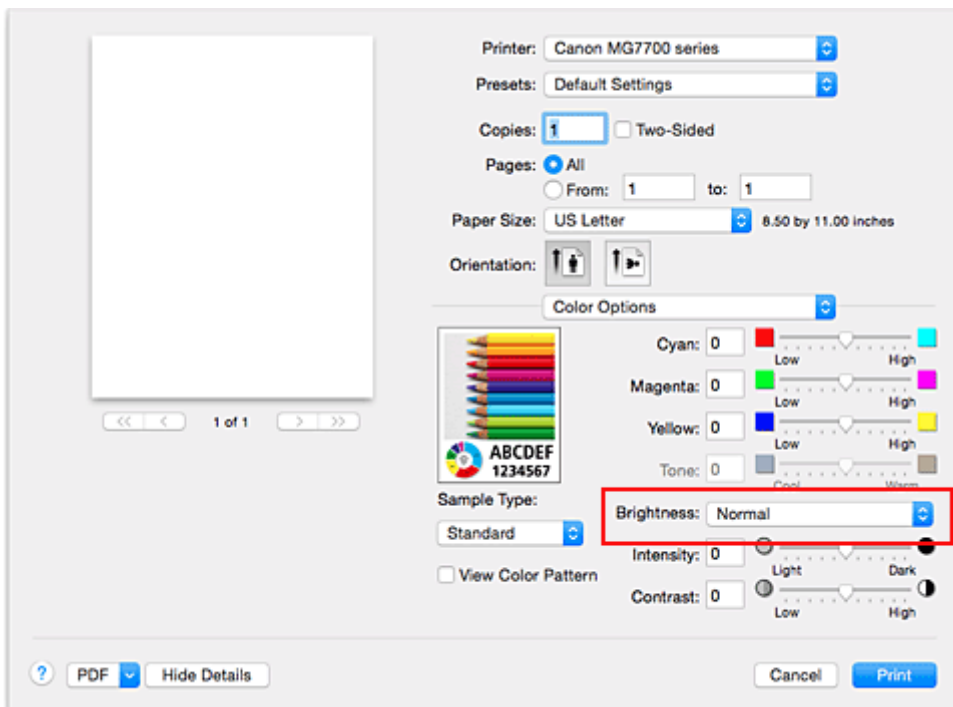
Normal is selected

Dark is selected

The procedure for adjusting brightness is as follows:

1. Select **Color Options** from the pop-up menu of the [Print Dialog](#)
2. Specify the brightness

Select **Light**, **Normal**, or **Dark** for **Brightness**. The current settings are displayed in the settings preview on the left side of the printer driver.



3. Complete the setup

Click **Print**.

When you execute print, the data is printed at the specified brightness.

Important

- If you select **ColorSync** for **Color Matching**, then the **Brightness** appears grayed out and is unavailable.

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

Adjusting Intensity

You can dilute (brighten) or intensify (darken) the colors of the overall image data during printing. The following sample shows the case when the intensity is increased so that all colors become more intense when the image data is printed.



No adjustment

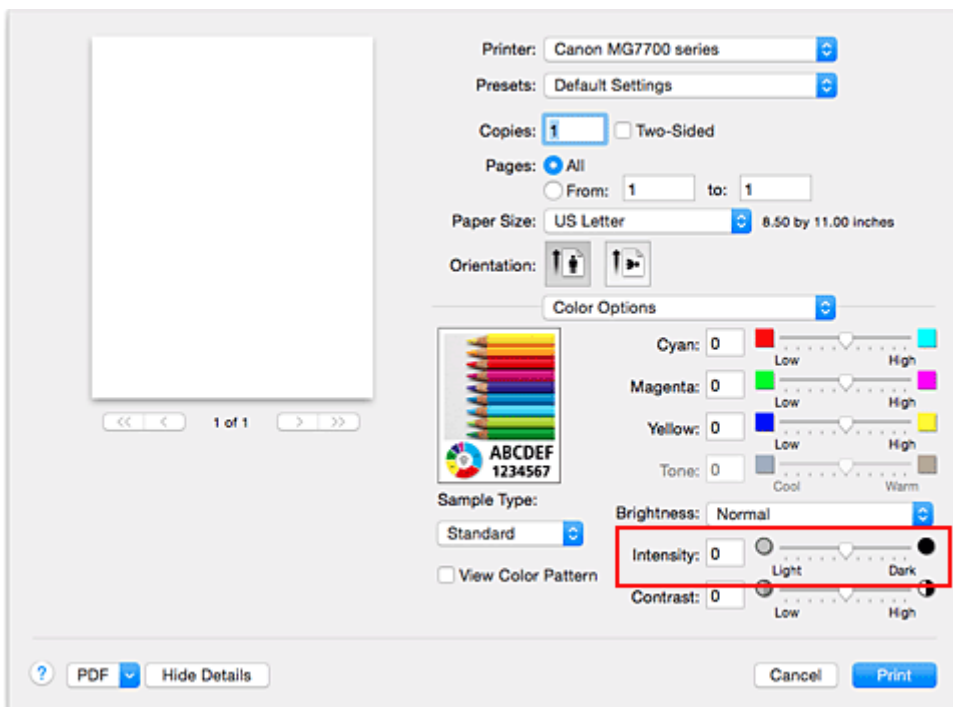
Higher intensity

The procedure for adjusting intensity is as follows:

1. Select **Color Options** from the pop-up menu of the [Print Dialog](#)
2. Adjust intensity

Moving the **Intensity** slider to the right intensifies (darkens) the colors, and moving the slider to the left dilutes (brightens) the colors.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.



3. Complete the setup

Click **Print**.

When you execute print, the image data is printed with the adjusted intensity.

Important

- If you select **ColorSync** for **Color Matching**, then the **Intensity** appears grayed out and is unavailable.

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Brightness](#)
- [Adjusting Contrast](#)

Adjusting Contrast

You can adjust the image contrast during printing.

To make the differences between the light and dark portions of images greater and more distinct, increase the contrast. On the other hand, to make the differences between the light and dark portions of images smaller and less distinct, reduce the contrast.



No adjustment

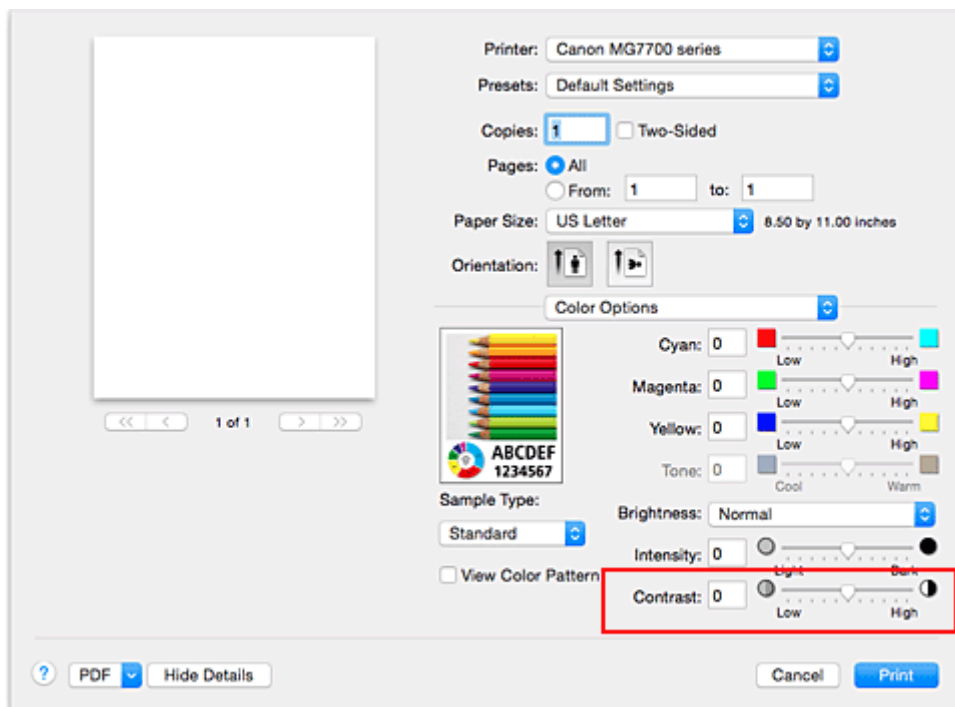
Adjust the contrast

The procedure for adjusting contrast is as follows:

1. Select **Color Options** from the pop-up menu of the [Print Dialog](#)
2. Adjust the contrast

Moving the **Contrast** slider to the right increases the contrast, and moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.



3. Complete the setup

Click **Print**.

When you execute print, the image is printed with the adjusted contrast.

»» Important

- If you select **ColorSync** for **Color Matching**, then the **Contrast** appears grayed out and is unavailable.

Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)

Overview of the Printer Driver

- ▶ **Canon IJ Printer Driver**
- ▶ **How to Open the Printer Driver Setup Window**
- ▶ **Page Setup Dialog**
- ▶ **Print Dialog**
- ▶ **Quality & Media**
- ▶ **Color Options**
- ▶ **Borderless Printing**
- ▶ **Margin**
- ▶ **Canon IJ Printer Utility**
- ▶ **Opening the Canon IJ Printer Utility**
- ▶ **Maintenance of this Printer**
- ▶ **Display the Printing Status Screen**
- ▶ **Deleting the Undesired Print Job**
- ▶ **Instructions for Use (Printer Driver)**

Canon IJ Printer Driver


The Canon IJ printer driver (called printer driver below) is a software that is installed on your computer for printing data with this printer.

The printer driver converts the print data created by your application software into data that your printer can understand, and sends the converted data to the printer.

Because different models support different print data formats, you need a printer driver for the specific model you are using.

Using Help of the Printer Driver

You can display Help function from the [Print Dialog](#).

Select a setup item from the pop-up menu in the Print dialog. Then click  at the bottom left of the screen to display an explanation of the item.

Help for the printer driver is displayed when the following pop-up menu item is selected:

- **Quality & Media**
- **Color Options**
- **Borderless Printing**
- **Margin**

How to Open the Printer Driver Setup Window

You can display the printer driver setup window from the application software you are using.

Opening the Page Setup Dialog

Use this procedure to set the page (paper) settings before printing.

1. Select **Page Setup...** from the **File** menu of the application software

The [Page Setup Dialog](#) opens.

Opening the Print Dialog

Use this procedure to set the print settings before printing.

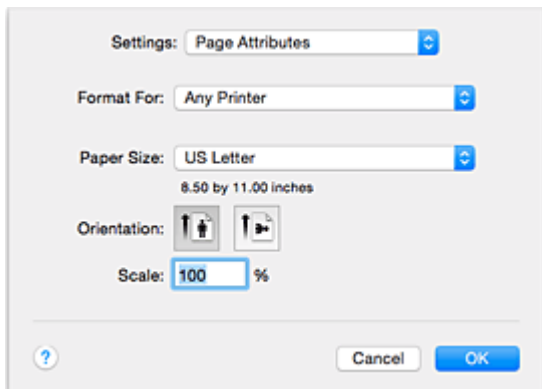
1. Select **Print...** from the **File** menu of the application software

The [Print Dialog](#) opens.

Page Setup Dialog

In the Page Setup dialog, you configure the basic print settings such as the size of paper loaded in the printer or the scaling ratio.

To open the Page Setup dialog, you typically select **Page Setup...** from the **File** menu of your application software.



Settings

Click the pop-up menu, and then select the following items:

Page Attributes

Set the paper size or scaled printing.

Save as Default

You can save the attributes of the displayed page as the default settings.

Format For

Select the model to be used for printing.

Paper Size

Select the size of the paper to be used for printing.

To set a non-standard size, select **Manage Custom Sizes....**

Orientation

Select the print orientation.

Scale

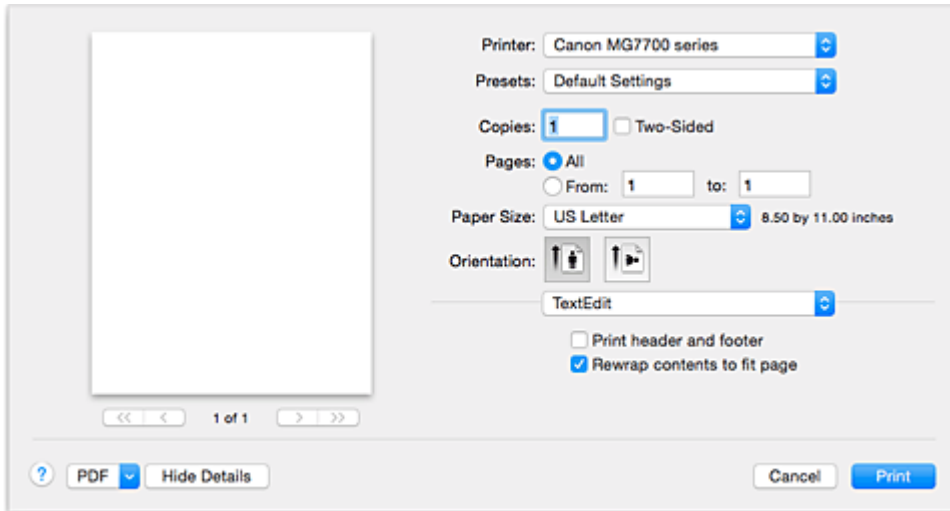
Set the scaling percentage.

You can expand or reduce the size of the document when printing.

Print Dialog

In the Print dialog, you can set paper type and print quality to start printing.

To open the Print dialog, you typically select **Print...** from the **File** menu of your application software.



Printer

Select the model to be used for printing.

When you click **Add Printer...**, a dialog for specifying the printer opens.

Presets

You can save or delete the settings of the Print dialog.

➤➤➤ Note

- You can select **Show Presets...** to check the print settings that are set in the Print dialog.

Copies

You can set the number of copies to be printed.

➤➤➤ Note

- You can set collated printing by choosing **Paper Handling** from the pop-up menu.

Two-Sided

You can set duplex printing.

Pages

You can set the range of pages to be printed.

Paper Size

Select the size of the paper to be used for printing.

To set a non-standard size, select **Manage Custom Sizes...**

Orientation

Select the print orientation.

Pop-up Menu

You can switch between pages in the Print dialog by the pop-up menu. The first menu to appear differs depending on the application software that opened the Print dialog.

You can choose one of the following items from the pop-up menu.

Layout

You can set page layout printing.

Use **Reverse page orientation** to change the paper orientation, and use **Flip horizontally** to print a mirror image of the document. You can also set duplex printing.

Color Matching

You can select the color correction method.

Paper Handling

You can set the pages to be printed on paper and the print order.

Cover Page

You can output cover pages both before and after a document.

Quality & Media

You can set basic print settings that match the printer.

Color Options

You can adjust the print colors as you desire.

Borderless Printing

You can adjust the amount of document that extends off the paper when performing borderless printing.

Margin

You can set the stapling side and the stapling margin.

Supply Levels

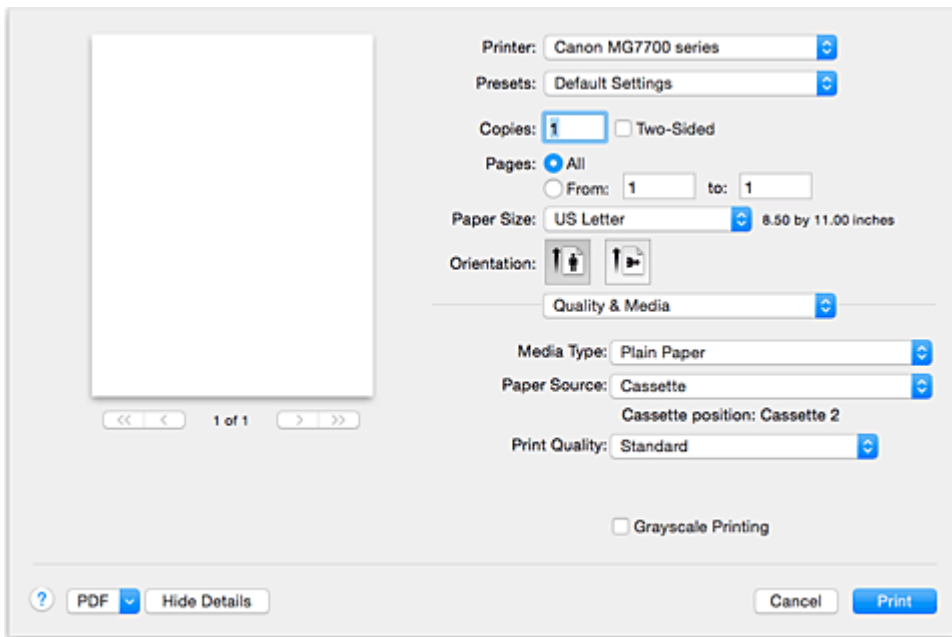
A rough indication of the remaining ink level is displayed.

PDF

You can save a document in PDF (Portable Document Format) format.

Quality & Media

This dialog allows you to create a basic print setup in accordance with the paper type. Unless special printing is required, normal printing can be performed just by setting the items in this dialog.



Media Type

Select the type of media to be used.

You must select the type of media actually loaded in the printer. This selection enables the printer to carry out printing properly for the material of the media used.

Note

- When printing on a double postcard, select Postcard Double for Paper Size, and then print again.
- If you print on paper other than hagaki, load the paper according to usage instructions, and then click **OK**.

Paper Source

Shows the source from which paper is supplied.

Important

- The paper size determines whether the cassette 1 or cassette 2 is used. The cassette to be used is displayed below **Paper Source**.

Print Quality

Select the one that is closest to the original document type and the purpose.

When one of the radio buttons is selected, the appropriate quality will be set automatically.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality.

Draft

This setting is appropriate for test printing.

Custom

Select this radio button to specify a quality.

Quality

When you select **Custom** in **Print Quality**, you can use the slider bar to adjust the print quality level.

Grayscale Printing

Set grayscale printing. Grayscale printing refers to the function of converting your document to grayscale data in the printer to print it in monochrome.

When you check the check box, both monochrome and color documents will be printed in monochrome.

When printing a color document, be sure to uncheck the check box.

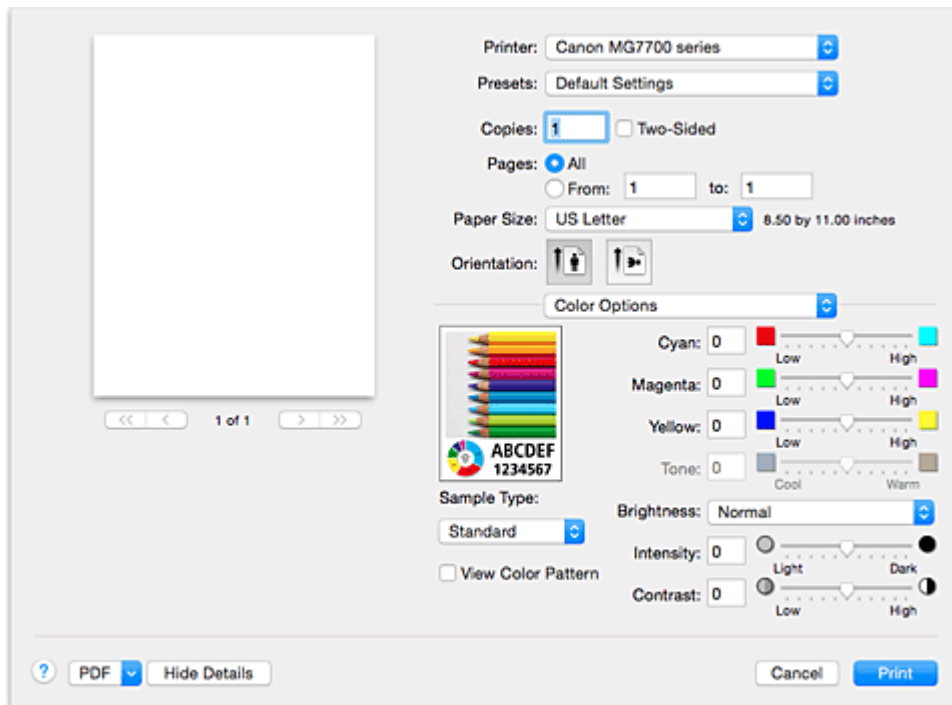
Related Topics

- [Setting the Print Quality Level \(Custom\)](#)
- [Printing a Color Document in Monochrome](#)

Color Options

This dialog allows you to adjust the print color as you like. If the color of the printed image is not as expected, adjust the properties in the dialog and retry printing.

The adjustments made here do not affect the colors of the original print data unlike application software dedicated to image processing. Use this dialog just to make fine adjustments.



Preview

Shows the effect of color adjustment.

As you adjust each item, the effects are reflected in the color and brightness.

Sample Type

Select an image that you want to display as a sample.

If necessary, select one from **Standard**, **Landscape**, or **Graphics**, whichever is most similar to the print results.

View Color Pattern

Displays a pattern for checking color changes produced by color adjustment.

When you want to display the sample image with a color pattern, check this check box.

When you want to display the sample image with one that you selected with **Sample Type**, uncheck this check box.

►►► Note

- When the **Grayscale Printing** check box is checked in the **Quality & Media**, the graphic is displayed in monochrome.

Color balance (Cyan, Magenta, Yellow)

If necessary, adjust the strength of each color. To strengthen a color, drag the slider to the right. To weaken a color, drag the slider to the left.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Adjusting the color balance will result in variations in the balance among the volumes of the individual color inks and hence in the hues of the document as a whole.

Use the printer driver only when adjusting the color balance slightly. To change the color balance significantly, use the application software.

Tone

Sets the color adjustment for monochrome printing.

Dragging the slider to the right makes the tones redder (warm tones), while dragging the slider to the left makes the tones bluer (cool tones).

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

▶▶▶ Important

- This function is not available for certain **Media Type** settings.

Brightness

Select the brightness of printed images.

You cannot change the levels of pure white and black. You can change the contrast of the colors between white and black.

Select from **Light**, **Normal**, or **Dark**, if necessary.

Intensity

Select this method to adjust the overall density of your print.

To increase the overall intensity, drag the slider to the right. To decrease the overall intensity, drag the slider to the left.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Contrast

The Contrast function changes the differences between light and dark in images during printing.

To make the differences between the light and dark portions of images greater and more distinct, increase the contrast. On the other hand, to make the differences between the light and dark portions of images smaller and less distinct, reduce the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

▶▶▶ Important

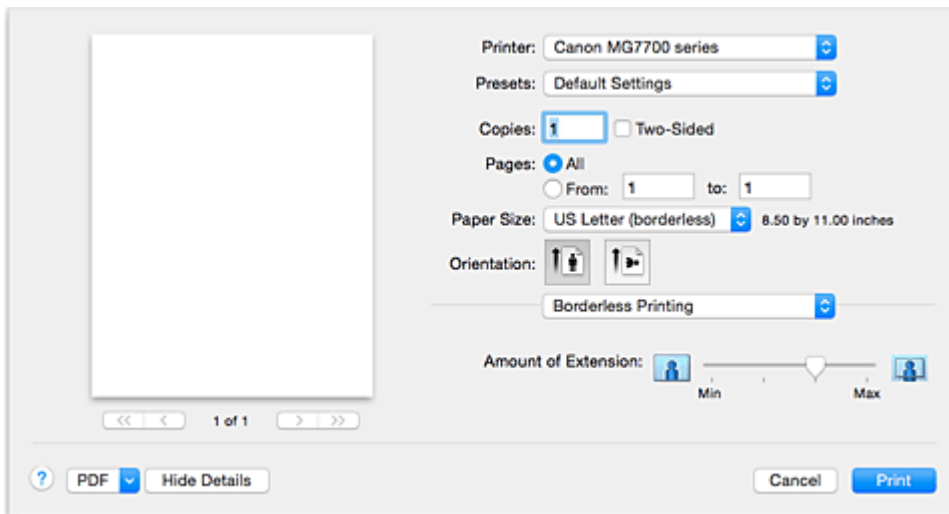
- When the **Grayscale Printing** check box is checked for **Quality & Media**, the color balance (**Cyan**, **Magenta**, **Yellow**) appear grayed out and are unavailable.
- If you select **ColorSync** for **Color Matching**, then the color balance (**Cyan**, **Magenta**, **Yellow**), **Tone**, **Brightness**, **Intensity**, and **Contrast** appear grayed out and are unavailable.

Related Topics

- [Specifying Color Correction](#)
- [Adjusting Color Balance](#)
- [Adjusting Brightness](#)
- [Adjusting Intensity](#)
- [Adjusting Contrast](#)

Borderless Printing

This dialog allows you to adjust the amount of the document that extends off the paper when borderless printing is performed.



Amount of Extension

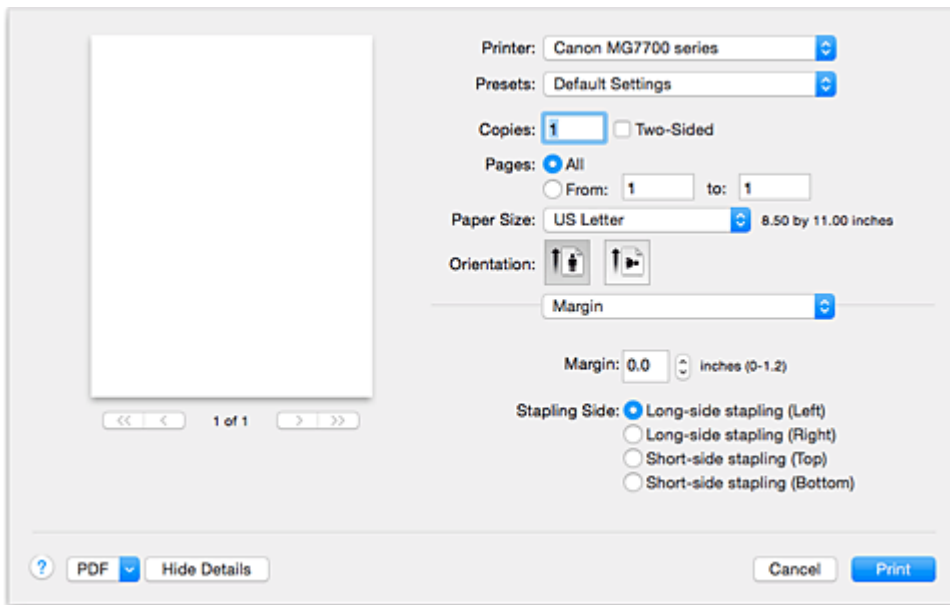
Use the **Amount of Extension** slider to adjust the amount of the document that extends off the paper. Moving the slider to the right makes the amount larger and moving the slider to the left makes the amount smaller.

Related Topic

- [Execute Borderless Printing](#)

Margin

This dialog allows you to set the stapling side and amount of margin for stapling multiple sheets of paper.



Margin

Specify the amount of margin space for stapling the paper. Enter a value between 0 inch (0 mm) to 1.2 inches (30 mm).

Stapling Side

Specify the stapling side.

Long-side stapling (Left) / Long-side stapling (Right)

Select this option to staple the long side of the paper.

Choose left or right.

Short-side stapling (Top) / Short-side stapling (Bottom)

Select this option to staple the short side of the paper.

Choose top or bottom.

Related Topics

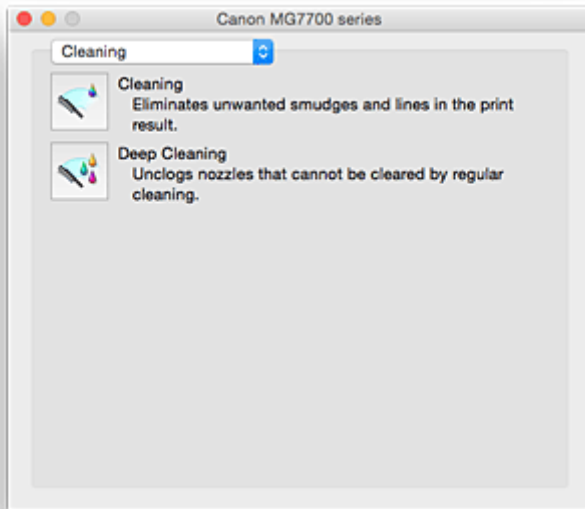
■ [Setting the Stapling Margin](#)

■ [Duplex Printing](#)

Canon IJ Printer Utility

The Canon IJ Printer Utility allows you to perform printer maintenance or change the settings of the printer.

What You Can Do with the Canon IJ Printer Utility



You can switch between pages in Canon IJ Printer Utility by the pop-up menu. You can choose one of the following items from the pop-up menu.

Cleaning

Clean the printer to clear up clogged print head nozzle.

Test Print

Execute a test print to check the condition of the print head nozzle and to adjust the print head position.

- [Aligning the Print Head Position](#)
- [Printing a Nozzle Check Pattern](#)

Power Settings

Operate the power of this printer from the printer driver.

Ink Level Information

Check the remaining ink levels.

Quiet Settings

You can reduce the operating noise of the printer.

Custom Settings

Change the settings of this printer.

▶▶▶ Note

- To operate the Canon IJ Printer Utility, you must first turn on the printer.
- Depending on the items selected, the computer communicates with the printer to obtain information. If the computer is unable to communicate with the printer, an error message may be displayed. If this happens, click **Cancel** to display the most recent settings specified on your computer.

Opening the Canon IJ Printer Utility

To open the Canon IJ Printer Utility, follow the steps below.

1. Open **System Preferences**, and select **Printers & Scanners (Print & Scan)**

2. Start the Canon IJ Printer Utility

Select your model from the printer list, and click **Options & Supplies...**

Click **Open Printer Utility** in **Utility** tab.

Canon IJ Printer Utility is launched.

Maintenance of this Printer


- **Cleaning the Print Heads**
- **Printing a Nozzle Check Pattern**
- **Aligning the Print Head Position**
- **Checking the Ink Status from Your Computer**
- **Managing the Printer Power**
- **Reducing the Printer Noise**
- **Changing the Printer Operation Mode**

Display the Printing Status Screen

Check the print progress according to the following procedure:

1. Launch the printing status screen

- If the print data has been sent to the printer

The printing status screen opens automatically. To display the printing status screen, click the  (the printer icon) displayed on the Dock.

- If the print data has not been sent to the printer

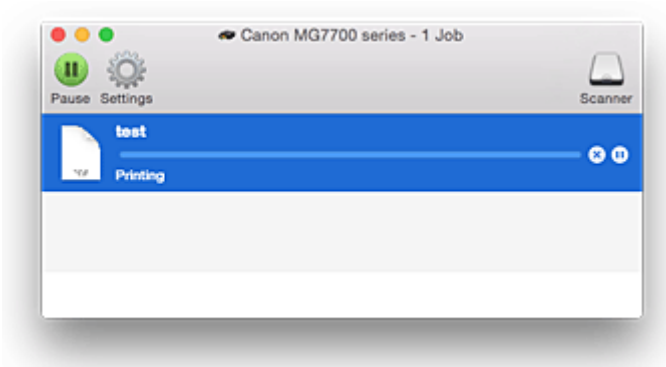
Open **System Preferences**, and select **Printers & Scanners (Print & Scan)**.






To display the printing status screen, select the name of your printer model from the printer list, and then click **Open Print Queue....**

2. Checking the printing status

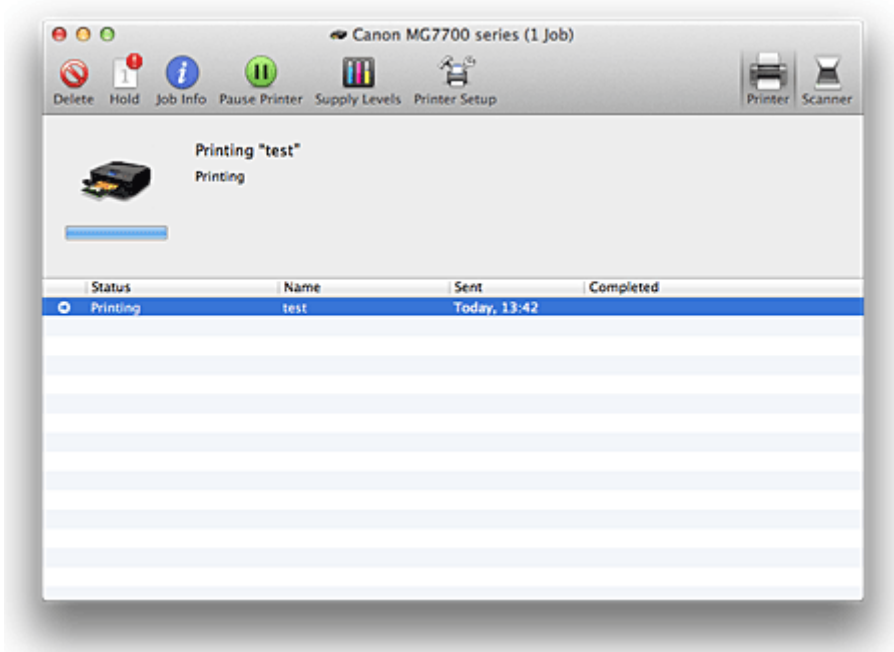
You can check the name of the file being printed or ready for being printed.







- If you are using OS X Yosemite v10.10, OS X Mavericks v10.9, or OS X Mountain Lion v10.8



-  Deletes the specified print job.
-  Stops printing the specified document.
-  Resumes printing the specified document.
-  Stops printing all documents.
-  Displayed only when printing of all documents is being stopped, and resumes printing all documents.

- If you are using OS X Lion v10.7



-  Deletes the specified print job.
-  Stops printing the specified document.
-  Resumes printing the specified document.
-  Displays the print job information.
-  Stops printing all documents.
-  Displayed only when printing of all documents is being stopped, and resumes printing all documents.

Deleting the Undesired Print Job

If the printer does not start printing, canceled or failed print job data may be remaining. Delete unnecessary print jobs from the print status check screen.

1. Open **System Preferences**, and select **Printers & Scanners (Print & Scan)**

2. Select your model, and then click **Open Print Queue...**

The print status check screen appears.

3. Select the unnecessary print job and click  ( **Delete**)

The selected print jobs will be deleted.

Instructions for Use (Printer Driver)

This printer driver is subject to the following restrictions. Keep the following points in mind when using the printer driver.

Restrictions on the Printer Driver

- When you set up the Page Setup dialog, be sure to begin by selecting the model you are using from the **Format For** list. If you select another printer, printing may not be performed properly.
- If the Canon IJ Printer Utility does not display the remaining ink level in the **Ink Level Information**, check whether the print head and the ink tank are properly installed.
- When the Canon IJ Printer Utility displays the **Ink Level Information**, close the operation panel of the printer.
- The following functions cannot be used in Mac OS, though they can be used in Windows computers.
 - Duplex Printing (manual)
 - Booklet Printing
 - Tiling/Poster Printing
- Depending on the application software that you are using, a preview may not be displayed on the left side of the Print dialog.
- Do not start up the Canon IJ Network Tool while printing.
- Do not print when the Canon IJ Network Tool is running.
- If you connect this printer and AirPort with a USB cable and print, you must install the latest AirPort firmware.
- If you are using OS X Mavericks v10.9, close the print status check window when you perform printer maintenance from the Canon IJ Printer Utility.

Notes on Adding a Printer

- If you will be installing the Canon printer driver on Mac OS and using the printer through a network connection, you can select **Bonjour** or **Canon IJ Network** in the **Add (Add Printer)** dialog. Canon recommends you to use **Canon IJ Network** for printing. If **Bonjour** is selected, remaining ink level messages may differ from those indicated by **Canon IJ Network**.
- If you install a Canon printer driver to OS X Yosemite v10.10 or OS X Mavericks v10.9 and use a USB connection, the **Add (Add Printer)** dialog may display several selections for **Use**. We recommend that you use Canon XXX series (XXX is the model) so that you can specify detailed print settings.

Points to Note About Applications with Restrictions

- When you create a new document with Microsoft Word 2004 for Mac, a paper size other than A4 size or Letter size may be set. Check the **Paper Size** on the Print dialog.

Updating the Printer Driver

- **Obtaining the Latest Printer Driver**
- **Delete the Unnecessary Canon IJ Printer from the Printer List**
- **Before Installing the Printer Driver**
- **Installing the Printer Driver**

Obtaining the Latest Printer Driver

By updating the printer driver to the latest version of the printer driver, unresolved problems may be solved.

You can access our website and download the latest printer driver for your model.

Important

- You can download the printer driver for free, but any Internet access charges incurred are your responsibility.

Related Topics

- [Before Installing the Printer Driver](#)
- [Installing the Printer Driver](#)

Delete the Unnecessary Canon IJ Printer from the Printer List

A Canon IJ Printer that you no longer use can be deleted from the printer list.

Before deleting the Canon IJ Printer, disconnect the cable that connects the printer to the computer.

The procedure to delete the unnecessary Canon IJ Printer from the printer list is as follows:

You cannot delete the Canon IJ Printer unless you are logged in as a user with the administrative right. For information about an administrative user, refer to the user's manual for the Mac OS.

1. Open **System Preferences**, and select **Printers & Scanners (Print & Scan)**
2. Delete the Canon IJ Printer from the printer list

From the printer list, select the Canon IJ Printer to be deleted, and then click -.

Click **Delete Printer** when the confirmation message appears.

Before Installing the Printer Driver

This section describes the items that you should check before installing the printer driver. You should also refer to this section if the printer driver cannot be installed.

Checking the Personal Computer Settings

- Terminate all running applications.
- Log on as a user who has the administrator account. The installer will prompt you to enter the name and password of the administrative user. When multiple users are using Mac OS, log on with the account of the administrator who registered first.

»» Important

- When you upgrade Mac OS, all printer drivers that were installed will be deleted. If you plan to continue using this printer, re-install the latest printer driver.

Related Topics

- [Obtaining the Latest Printer Driver](#)
- [Installing the Printer Driver](#)

Installing the Printer Driver

You can access our web site through the Internet and download the latest printer driver for your model.

The procedure for installing the downloaded printer driver is as follows:

1. Mount the disk

Double-click the disk image file you have downloaded.
The file is unpacked, and then the disk is mounted.

2. Start the installer

Double-click "PrinterDriver_XXX_YYY.pkg" (where "XXX" is your model name, and "YYY" is version) contained in the disk.

3. Start the installation

Install the printer driver according to the messages on the screen.

When the Software License Agreement is displayed, check the contents, and click **Continue**. If you do not agree to the terms of the Software License Agreement, you cannot install this software.

4. Selecting the install destination

If necessary, select where you want to install the printer driver, and then click **Continue**.

5. Executing the installation

Click **Install**.

When the authentication screen is displayed, enter the name and password of the administrator, and then click **Install Software**.

6. Complete the installation

When the completion message appears, click **Close**.

The printer driver is installed successfully.

Important

- If the Installer does not operate properly, select **Quit Installer** from the **Installer** menu of the Finder to quit the Installer. Then start the Installer again.
- You can download the printer driver for free, but you are responsible for paying any connection fees to the Internet.

Related Topics

- [Obtaining the Latest Printer Driver](#)
- [Delete the Unnecessary Canon IJ Printer from the Printer List](#)
- [Before Installing the Printer Driver](#)

Printing Using Canon Application Software

- ▶ [My Image Garden Guide](#)
- ▶ [Easy-PhotoPrint+ Guide](#)

My Image Garden Guide

You can learn about the operations and screens of My Image Garden.



For Windows:

Latest Version

My Image Garden V3.2.x

It is recommended that you use the latest version of the application.

Access the Canon website and download the latest application.

[How to Check the Version](#) ▶

Earlier Versions

Select the version of your My Image Garden.

- V3.1.x/V3.0.x
- V2.1.x
- V2.0.x
- V1.1.x

For Mac OS:

Latest Version

My Image Garden V3.2.x

It is recommended that you use the latest version of the application.

Access the Canon website and download the latest application.

[How to Check the Version](#) ▶

Earlier Versions

Select the version of your My Image Garden.

- V3.1.x/V3.0.x
- V2.1.x
- V2.0.x
- V1.1.x

Printing Using a Web Service

- ▶ **Using PIXMA/MAXIFY Cloud Link**
- ▶ **Printing with Google Cloud Print**

Using PIXMA/MAXIFY Cloud Link

By using PIXMA/MAXIFY Cloud Link, you can connect your printer to a cloud service, such as CANON iMAGE GATEWAY, Evernote, or Twitter, and use the following functions without using a computer:

- Print images from a photo-sharing service
- Print documents from a data management service
- Save scanned images to a data management service.
- Use Twitter to report the printer status, such as no paper or low ink levels.

In addition, you can use various functions by adding and registering apps that are linked with various cloud services.

■ [Using PIXMA/MAXIFY Cloud Link from Your Printer](#)

■ [Using PIXMA/MAXIFY Cloud Link from Your Smartphone, Tablet, or Computer](#)



▶▶▶ Important

- In certain countries, PIXMA/MAXIFY Cloud Link may not be available or the available apps may be different.
- Some apps require that you have an account before you use those apps. For such apps, please set up an account beforehand.
- To find out which models support PIXMA/MAXIFY Cloud Link check the Canon homepage.
- The screen display may change without prior notice.

Printing with Google Cloud Print

The machine is compatible with Google Cloud Print™ (Google Cloud Print is a service provided by Google Inc.).

By using Google Cloud Print, you can print from anywhere with applications or services supporting Google Cloud Print.

Sending Print Data and Printing via Internet



Once you register the machine to Google Cloud Print, you can print from applications or services supporting Google Cloud Print without internet connection.

Sending Print Data and Printing without Going through Internet



►► Important

- This function may not be available depending on the country or region you live in.
- To use Google Cloud Print, you need to get Google account and register the machine with Google Cloud Print in advance.

Additionally, LAN connection with the machine and internet connection are required to register the machine to Google Cloud Print. Internet connection fees apply.

1. [Getting Google Account](#)
2. [Registering Machine with Google Cloud Print](#)
3. [Printing from Computer or Smartphone with Google Cloud Print](#)

►► Important

- When the machine owner changes, delete its registration from Google Cloud Print.

■ [Deleting Machine from Google Cloud Print](#)

LAN connection with the machine and internet connection are required to delete the machine from Google Cloud Print. Internet connection fees apply.

Getting Google Account

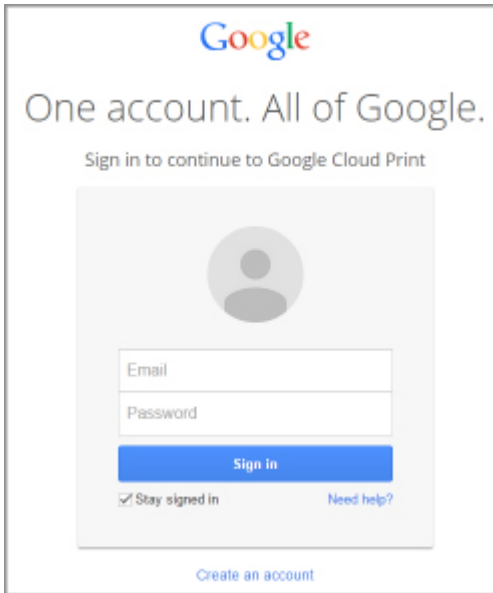
To print with Google Cloud Print, you need to get Google account and register the machine with Google Cloud Print in advance.

▶▶▶ Note

- If you already have Google account, register the machine to Google Cloud Print.

[Registering Machine with Google Cloud Print](#)

Access to Google Cloud Print with the web browser on the computer or the mobile device and register the required information.



* The screen above may change without prior notice.

Registering Machine with Google Cloud Print



The machine can be registered to Google Cloud Print with the following two methods.

- [Registration Using Google Chrome](#)
- [Registration Using Machine](#)


▶▶▶ Important

- If you have not gotten Google account, get it.
[Getting Google Account](#)
- When the machine owner changes, delete its registration from Google Cloud Print.
■ [Deleting Machine from Google Cloud Print](#)
- LAN connection with the machine and internet connection are required to register the machine to Google Cloud Print and to delete it. Internet connection fees apply.

Registration Using Google Chrome

1. Start Google Chrome browser on your computer.
2. Select **Sign in to Chrome...** from  (Chrome menu).
3. Log in to your Google account.
4. Select **Settings** from  (Chrome menu).
5. Select **Show advanced settings...** to display information.
6. Select **Manage** for **Google Cloud Print**.
7. When **Canon MG7700 series** and **Add printers** button are displayed, select **Add printers**.
8. When confirmation message for registering machine appears, select **OK**.
9. When register confirmation screen is displayed on machine's touch screen, tap **Yes**.
Printer registration is complete.

Registration Using Machine

1. [Make sure machine is turned on.](#)
2. Flick HOME screen and tap  **Setup**.
■ [Using the Operation Panel](#)



3. Tap **Web service setup**.

4. Tap **Web service connection setup -> Google Cloud Print setup -> Register with Google Cloud Print**.

▶▶▶ Note

- If you have already registered the machine with Google Cloud Print, the confirmation message to re-register the machine is displayed.

5. When confirmation screen to register machine is displayed, tap **Yes**.

6. When message to select language on print setting screen of Google Cloud Print is displayed, tap **Next**.

7. Tap a display language on print setting screen of Google Cloud Print.

The confirmation message to print the authentication URL is displayed.

8. Load A4 or Letter-sized plain paper and tap **OK**.

The authentication URL is printed.

9. Make sure authentication URL is printed, tap **Yes**.

10. Perform authentication process using web browser on computer or mobile device.

Access to the URL using the web browser on the computer or the mobile device and perform the authentication process following the on-screen instructions.

▶▶▶ Important

- Accessing to printed URL and performing the authentication process have to be carried out quickly.
- If you exceed time limit of the authentication process, an error message is displayed on the touch screen. Tap **OK**. When the confirmation message to print the authentication URL is displayed, try again from step 8.

▶▶▶ Note

- Perform the authentication process with your Google account which you have gotten in advance.

11. When message that registration is complete is displayed on machine's touch screen, tap **OK**.

When authentication process is complete properly, the registration items are displayed. When authentication process is complete, you can print the data with Google Cloud Print.

Printing from Computer or Smartphone with Google Cloud Print

When you send print data with Google Cloud Print, the machine receives the print data and prints it automatically.

When printing from a smartphone, tablet, computer, or other external device by using Google Cloud Print, load paper into the machine in advance.

You can print with Google Cloud Print with the following two methods.

- Printing via internet

LAN connection with the machine and internet connection are required.

■ [Sending Print Data via Internet](#)

- Printing without going through internet

Local network connection with the machine or enabling machine's direct connection is required.

Enabling Bonjour on the machine is required.

■ [Sending Print Data without Going through Internet](#)

▶▶▶ Note

- Depending on the communication status, it may take a while to print the print data or the machine may not receive the print data.
- While printing with Google Cloud Print, the printing may be canceled depending on the machine's status, such as when the machine is being operated or an error has occurred. To resume printing, check the machine's status and print with Google Cloud Print again.
- For print settings:
 - If you select the media type other than plain paper or if you select the paper size other than A4/Letter/B5/A5-size, the print data is printed in single-sided even when you select the duplex print setting.
 - If you select plain paper as media type or if you select B5/A5-size as paper size, the print data is printed with border even when you select the borderless print setting.
 - The print results may differ from the print image depending on the print data.
 - Depending on the device sending the print data, you may not select the print settings when sending the print data with Google Cloud Print.

Sending Print Data via Internet

This section describes the operation to send print data from Google Chrome browser on the computer. The operation differs depending on the device, applications, or services.



▶▶▶ Important

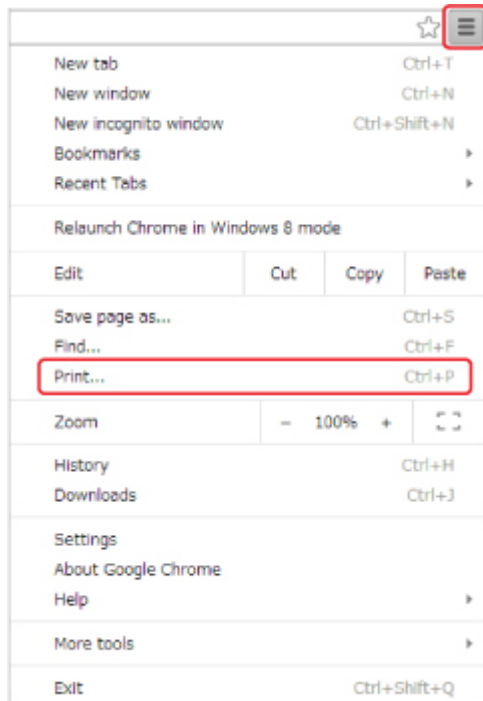
- LAN connection with the machine and internet connection are required to sending print data via internet. Internet connection fees apply.

1. [Make sure machine is turned on.](#)

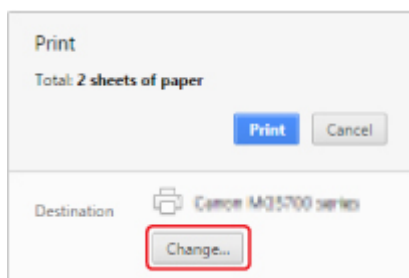
▶▶▶ Note

- If the machine's Auto Power On function is enabled, the machine is turned on automatically when it receives the print data.

2. Start Google Chrome browser on your computer.
3. Select **Sign in to Chrome...** from  (Chrome menu).
4. Log in to your Google account.
5. Select **Print...** from  (Chrome menu).



6. Select **Change...** next **Destination**.



7. Select **Canon MG7700 series** in **Google Cloud Print**.

8. Select **Print**.


When the preparation for printing with Google Cloud Print is complete, the machine receives the print data and prints it automatically.

When you want to print from Google Cloud Print immediately

When the machine cannot receive the print data, or you want to start printing immediately, you can check whether there is a print job on the Google Cloud Print and start printing manually.

Follow the steps below.

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **Setup**.

■ [Using the Operation Panel](#)

3. Tap  **Web service inquiry**.

▶▶▶ **Note**

- If you have not registered the machine with Google Cloud Print, **Web service inquiry** is not displayed.

4. Tap **Print from Google Cloud Print**.

The confirmation screen to check is displayed.

5. Tap **Yes**.

If there is the print data, the machine receives the print data and prints it.

Sending Print Data without Going through Internet

This section describes the operation to send print data from Google Chrome browser on the computer. The operation differs depending on the device, applications, or services.

▶▶▶ **Important**


- Local network connection with the machine or enabling machine's direct connection is required.
- Enabling Bonjour on the machine is required.

1. [Make sure machine is turned on.](#)

▶▶▶ **Note**

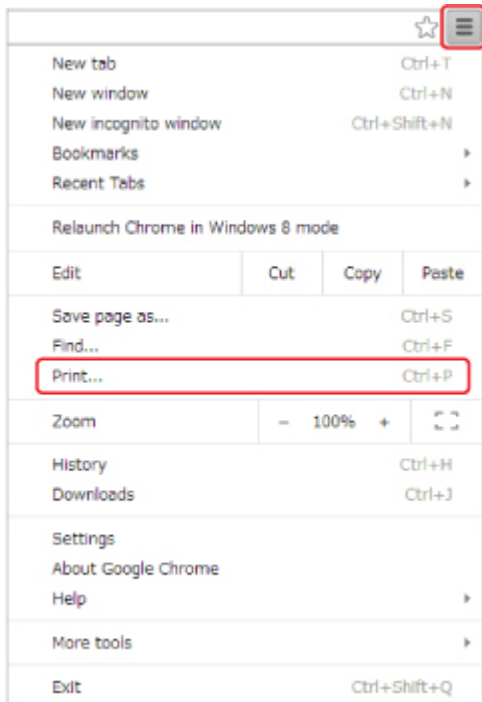
- If the machine's Auto Power On function is enabled, the machine is turned on automatically when it receives the print data.

2. Start Google Chrome browser on your computer.

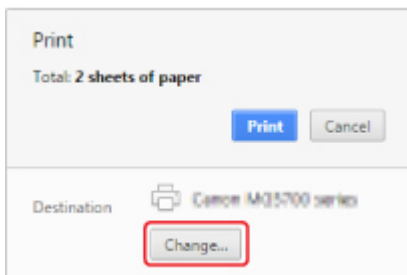
3. Select **Sign in to Chrome...** from  (Chrome menu).

4. Log in to your Google account.

5. Select **Print...** from  (Chrome menu).



6. Select **Change...** next **Destination**.



7. Select **Canon MG7700 series** in **Local Destinations**.

8. Select **Print**.

When the preparation for printing with Google Cloud Print is complete, the machine receives the print data and prints it automatically.

Deleting Machine from Google Cloud Print

If the machine's owner changes or if you want to re-register the machine, delete it from Google Cloud Print by following the steps below.

The machine can be deleted from Google Cloud Print with the following two methods.



■ [Deletion Using Google Chrome](#)

■ [Deletion Using Machine](#)


▶▶ Important

- LAN connection with the machine and internet connection are required to delete the machine from Google Cloud Print. Internet connection fees apply.

Deletion Using Google Chrome

1. Start Google Chrome browser on your computer.
2. Select **Sign in to Chrome...** from  (Chrome menu).
3. Log in to your Google account.
4. Select **Settings** from  (Chrome menu).
5. Select **Show advanced settings...** to display information.
6. Select **Manage** for **Google Cloud Print**.
7. Select **Manage** next **Canon MG7700 series** on device list.
8. Select **Delete**.
9. When confirmation message for deleting machine appears, select **OK**.

Deletion Using Machine

1. [Make sure machine is turned on.](#)
2. Flick HOME screen and tap  **Setup**.

■ [Using the Operation Panel](#)

3. Tap  **Web service setup**.

4. Tap **Web service connection setup** -> **Google Cloud Print setup** -> **Delete from Google Cloud Print**.
5. When confirmation screen to delete machine is displayed, tap **Yes**.
6. When message that deletion is complete is displayed, tap **OK**.

Printing from an AirPrint-enabled Printer with Mac

Using AirPrint to print from your iPhone, iPad, iPod touch, or Mac.

AirPrint enables you to print photos, email, Web pages and documents from iPhone, iPad, iPod touch, and Mac without the need to install drivers, or download apps or software.

»» Note

- If you want to print using AirPrint from iOS device, see below.

■ [Printing from an AirPrint-enabled Printer with iOS Device](#)



Checking Your Environment

First, check your environment.

- **AirPrint Operation Environment**
 - iPhone, iPad, and iPod touch running the latest version of iOS
 - Mac running the latest version of Mac OS

- **Connection method**

The iOS device or Mac and the machine must be connected to the same network over a LAN or connected directly without wireless router.

Adding Machine as AirPrint Printer to Your Mac

1. Open **System Preferences**, and select **Printers & Scanners (Print & Scan)** on your Mac.
2. Select **+** to display the printer list.
3. Select the machine's name listed as **Bonjour Multifunction**.
4. Select **Secure AirPrint** or **AirPrint** from **Use**.
5. Select **Add**.

Printing with AirPrint from Mac

1. [Make sure machine is turned on.](#)

▶▶▶ Note

- If the machine's Auto Power On function is enabled, the machine is turned on automatically when it receives the print data.

2. [Load paper.](#)

3. Perform printing on your application software.

Print dialog appears.

4. Select your model name added as AirPrint printer from the **Printer** list in the Print Dialog.

5. Set the paper size, media type, and other settings as needed.

6. Select **Print**.

When you execute printing, the machine prints according to the specified settings.

▶▶▶ Note

- For wireless LAN connection:
 - After you turn on the machine, it may take few minutes before the machine can communicate through a wireless LAN connection. Make sure the machine is connected to the wireless LAN and try printing.
 - If Bonjour on the machine is disabled, AirPrint cannot be used. Check the LAN settings on the machine, and enable Bonjour.
- For other AirPrint troubleshooting, see below.

■ [Cannot Print Using AirPrint](#)

Checking Print Status

■ [Display the Printing Status Screen](#)

Deleting Print Job

To delete a print job with AirPrint, use one of the following two methods:

- From machine: Use **Stop** button to cancel the print job.
- From iOS device: [Deleting the Undesired Print Job](#)

Printing from Smartphone/Tablet

- ▶ **Printing Directly from Smartphone/Tablet**
- ▶ **Printing Using a Web Service**

Printing Directly from Smartphone/Tablet

- ▶ **Android Print**
- ▶ **Printing from an AirPrint-enabled Printer with iOS Device**
- ▶ **Using Machine with Direct Connection**
- ▶ **Printing by Placing a Smartphone over Machine**

Android Print

Use the Canon printing plug-in

Canon Print Service is a printing plug-in for Android 4.4.2 or later, and is available for free on Google Play. Installing and activating the plug-in enables your Android smartphone or tablet to print to a Canon printer over a wireless LAN.

Printing via Mopria

You can print to a Canon printer from a Mopria compatible Android smartphone or tablet over a wireless LAN.

See the Mopria homepage (<http://www.mopria.org>) for details including supported devices.

Printing from an AirPrint-enabled Printer with iOS Device

Using AirPrint to print from your iPhone, iPad, iPod touch, or Mac.

AirPrint enables you to print photos, email, Web pages and documents from iPhone, iPad, iPod touch, and Mac without the need to install drivers, or download apps or software.

►►► Note

- If you want to print using AirPrint from Mac, see below.

■ [Printing from an AirPrint-enabled Printer with Mac](#)



Checking Your Environment

First, check your environment.

- **AirPrint Operation Environment**
 - iPhone, iPad, and iPod touch running the latest version of iOS
 - Mac running the latest version of Mac OS

- **Connection method**

The iOS device or Mac and the machine must be connected to the same network over a LAN or connected directly without wireless router.

Printing with AirPrint from iOS Device

1. [Make sure machine is turned on.](#)

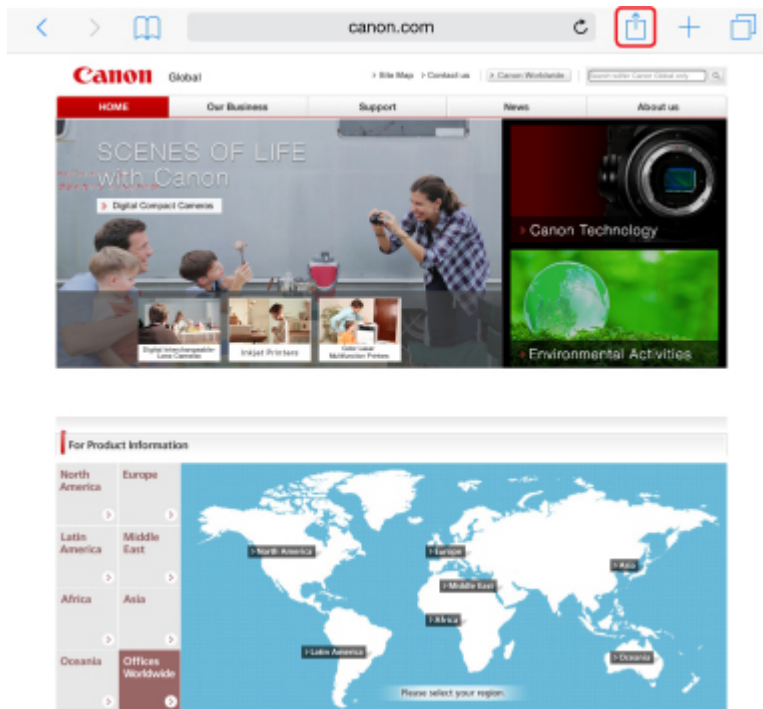
►►► Note

- If the machine's Auto Power On function is enabled, the machine is turned on automatically when it receives the print data.

2. [Load paper.](#)

3. Tap operation icon to display menu options from applications of your iOS device.

The figure below is an example of when printing from the iPad web browser. The screen differs depending on the devices or applications.



4. Tap **Print** from menu options.



5. Select your model name from **Printer** on **Printer Options**.

▶▶▶ Important

- Because some applications do not support AirPrint, **Printer Options** may not be displayed. If an application does not let you use printer options, you cannot print from that application.

»» Note

- **Printer Options** differ depending on the application that you are using.

6. When printing file type that has multiple pages, such as PDF file, tap **Range** and tap **All Pages** or select range of pages to be printed.
7. For **1 Copy**, tap **+** or **-** to set number of required copies.
8. For **Duplex Printing**, tap **On** to enable duplex printing or tap **Off** to disable function.
9. Tap **Print**.

When you execute printing, the machine prints according to the specified settings.

»» Note

- For wireless LAN connection:
 - After you turn on the machine, it may take few minutes before the machine can communicate through a wireless LAN connection. Make sure the machine is connected to the wireless LAN and try printing.
 - If Bonjour on the machine is disabled, AirPrint cannot be used. Check the LAN settings on the machine, and enable Bonjour.
- For other AirPrint troubleshooting, see below.

■ [Cannot Print Using AirPrint](#)

Paper Size

With AirPrint, the paper size is selected automatically according to the application being used on the iOS device and the region in which AirPrint is used.

When you use the photo application, the default paper size is L size in Japan, and 4"x6" or KG in other countries and regions.

When you use the document application, the default paper size is letter size in the U.S. region, and A4 in Japan and Europe.

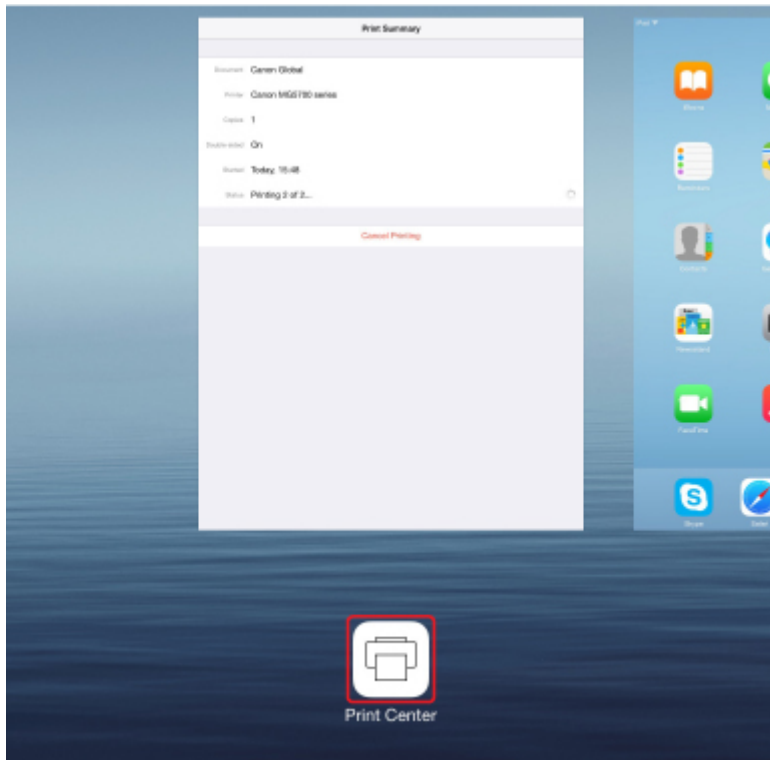
»» Important

- Depending on the device or operation system, the default paper size is different from above size. We recommend you perform test printing.
- Your application may support different paper sizes.

Checking Print Status

During printing, a **Print Center** icon is displayed in the list of recently used applications and you can use it to check the print progress.

Press the Home button on the iOS device twice to set the **Multitasking** mode. Then swipe to the right to display the **Print Center** icon and a **Print Summary**.



Deleting Print Job

To delete a print job with AirPrint, use one of the following two methods:

- From machine: Use **Stop** button to cancel the print job.
- From iOS device: Press the Home button on the iOS device twice to set the **Multitasking** mode and swipe to the right. Tap the **Print Center** icon to display a **Print Summary**. Tap the print job to be canceled and tap **Cancel Printing**.

Using Machine with Direct Connection

Direct connection allows you to print or scan by connecting the machine to a device such as a smartphone or tablet via wireless connection in an environment where a wireless router is not available. In addition, you can connect the machine to a device without a wireless router even where it is available.

This section describes following operations for direct connection.

- **Changing settings of the machine and device and connecting them wirelessly**

- [Preparing for Direct Connection](#)

- **Printing/scanning from the device connected to the machine**

- [Printing/Scanning with Direct Connection](#)

- **Terminating direct connection and set the machine settings for normal use**

- [Terminating Direct Connection](#)

- **Changing the settings for direct connection**

- [Changing Direct Connection Setting](#)

▶▶▶ Important

- Before using the machine with the direct connection, check the usage restrictions then switch the machine to the direct connection.

- [Restrictions](#)

Preparing for Direct Connection

Change settings below to prepare for direct connection.

- Machine's LAN settings

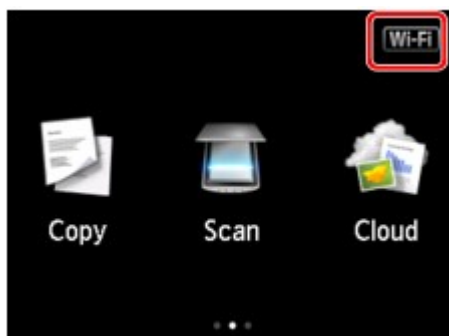
- [Changing machine's settings](#)

- Settings of a wireless communication device to connect

- [Changing settings of a wireless communication device and connecting it to the machine](#)

Changing machine's settings

1. [Make sure machine is turned on.](#)
2. Tap icon on upper right of HOME screen.



Ex. When the wireless LAN connection is enabled:

The **Change LAN** screen is displayed.

▶▶▶ Note

- You can also display the **Change LAN** screen following the procedure below.

1. Flick HOME screen and tap  **Setup**.

■ [Using the Operation Panel](#)

2. Tap  **Device settings**.
3. Tap **LAN settings**.
4. Tap **Change LAN**.

3. Tap **Activate direct connect**.

4. Tap **Yes**.

The identifier (SSID) for direct connection appears.

When a device detects the machine, the device detects the machine by the identifier (SSID).

▶▶▶ Note

- If you tap **Details** and tap **Yes**, the following items appear.

- Security setting
- Password
- Machine's name which appears on a Wi-Fi Direct compatible device

The password is required when connecting a device to the machine. Depending on the device you are using, no password is required.

When you connect a Wi-Fi Direct compatible device to the machine, select the device name displayed on the touch screen from your device.

- The identifier (SSID) and the security setting are specified automatically. To update them, see below.

■ [Changing Direct Connection Setting](#)

5. Tap **OK**.

The direct connection is enabled and a wireless communication device can be connected to the machine wirelessly.

Changing settings of a wireless communication device and connecting it to the machine

▶▶▶ Note

- Before connecting a device, we recommend you check the identifier (SSID) and the password for the direct connection.

To check the identifier (SSID) and the password, display them on the operation panel of the machine or print out the network setting information of the machine.

■ [LAN settings](#)

1. Turn on wireless communication on your device.

Enable "Wi-Fi" on your device's "Setting" menu.

For more on turning on wireless communication, see your device's instruction manual.

2. Select "DIRECT-XXXX-MG7700 series" ("X" represents alphanumeric characters.) from list displayed on device.

3. Enter password.

Your device is connected to the machine.

▶▶▶ Note

- Depending on the device you are using, entering the password is required to connect a device to the machine via wireless LAN. Enter the password specified for the machine.
- If your Wi-Fi Direct compatible device is set to prioritize using Wi-Fi Direct and it is connecting to the machine, the machine displays a confirmation screen asking if you allow the device to connect to the machine.

Make sure the name on the touch screen is the same as that of your device and tap **Yes**.

Printing/Scanning with Direct Connection

Connect a device and the machine with direct connection and start printing/scanning from the device.

▶▶▶ Note

- For more on printing or scanning from a device via wireless LAN, refer to the device's or application's instruction manual.

Terminating Direct Connection


In environments that the machine is usually connected with the computer over the wireless LAN, set the machine to the wireless LAN connection following the procedure below when you finish using the machine with the direct connection temporarily.

1. Tap  icon on upper right on HOME screen.

The **Change LAN** screen is displayed.

▶▶▶ Note

- You can also display the **Change LAN** screen following the procedure below.

1. Flick HOME screen and tap  **Setup**.

■ [Using the Operation Panel](#)

2. Tap  **Device settings**.

3. Tap **LAN settings**.

4. Tap **Change LAN**.


2. Tap **Activate wireless LAN**.

If you do not use the machine over wireless LAN, select **Activate wired LAN** or **Disable LAN**.

Changing Direct Connection Setting

Change the settings for the direct connection following the procedure below.

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **Setup**.

[Using the Operation Panel](#)

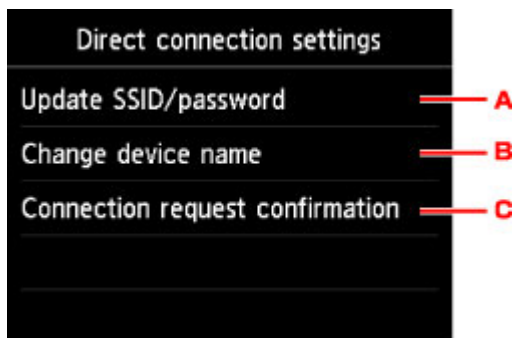
3. Tap  **Device settings**.

4. Tap **LAN settings**.

5. Tap **Other settings**.

6. Tap **Direct connection settings**.

7. Change settings as necessary.



- To update the identifier (SSID) and the password for direct connection

Tap A to display the confirmation screen. To update the identifier (SSID) and the password, tap **Yes**.

To check the security setting and the updated password, tap **Details** and tap **Yes** on the screen displayed next.

- To change the machine's name displayed on the Wi-Fi Direct compatible device

Tap B to display the machine's name (device name) displayed on a Wi-Fi Direct compatible device.

Follow the procedure below to change the name.

1. Tap touch screen.
 2. Enter device name (up to 32 characters).
 3. Tap **OK** to finish entering device name.
 4. Tap **OK** to finish specifying device name.
- To change the confirmation screen setting when a Wi-Fi Direct compatible device is connecting to the machine

Tap **C** to display the confirmation screen. If you want the machine to display the screen to inform you a Wi-Fi Direct compatible device is connecting to the machine, tap **Yes**.

»» Important

- To prevent an unauthorized access, we recommend you should not change the setting from the default.

When you finished performing the settings, the machine returns to the **Direct connection settings** screen.

8. Touch **HOME** button.

The HOME screen is displayed.

»» Note

- If you change the direct connection setting of the machine, also change the wireless router setting of the device.

Printing by Placing a Smartphone over Machine

The machine supports NFC (Near Field Communication), a short-range wireless communication technology. By placing an NFC-enabled Android smartphone or tablet over the NFC mark on the operation panel of the machine, you can print photos and documents saved on the smartphone or tablet.



Before Using NFC

Download and install "Canon PRINT Inkjet/SELPHY".

Download free from Google Play.

»» Important

- May not be available depending on your country or region.
- The application can be downloaded for free; however, Internet connection fees apply.

Printing with NFC

Before you start printing, make sure "Canon PRINT Inkjet/SELPHY" is installed on your smartphone.

1. [Load paper.](#)
2. Start "Canon PRINT Inkjet/SELPHY".
3. Select **Photo Print** or **Document Print**.

If **Data Conversion Service** appears while you are printing a document, tapping **OK** converts its format to preserve the layout.

»» Important

- Your smartphone or tablet must be connected to the Internet to use data conversion service; however, Internet connection fees apply.

4. Select photo or document you want to print and set paper size, etc. as needed.
5. Place smartphone over NFC mark on machine.

The smartphone is connected to the machine automatically and the machine starts printing.

»» Important

- If printing does not start, change the position over which to place the smartphone.

Troubleshooting

■ [Cannot Print/Scan from NFC Compliant Device](#)

Printing Using a Web Service

- ▶ **Using PIXMA/MAXIFY Cloud Link**
- ▶ **Printing with Google Cloud Print**

Using PIXMA/MAXIFY Cloud Link

By using PIXMA/MAXIFY Cloud Link, you can connect your printer to a cloud service, such as CANON iMAGE GATEWAY, Evernote, or Twitter, and use the following functions without using a computer:

- Print images from a photo-sharing service
- Print documents from a data management service
- Save scanned images to a data management service.
- Use Twitter to report the printer status, such as no paper or low ink levels.

In addition, you can use various functions by adding and registering apps that are linked with various cloud services.

■ [Using PIXMA/MAXIFY Cloud Link from Your Printer](#)

■ [Using PIXMA/MAXIFY Cloud Link from Your Smartphone, Tablet, or Computer](#)



▶▶▶ Important

- In certain countries, PIXMA/MAXIFY Cloud Link may not be available or the available apps may be different.
- Some apps require that you have an account before you use those apps. For such apps, please set up an account beforehand.
- To find out which models support PIXMA/MAXIFY Cloud Link check the Canon homepage.
- The screen display may change without prior notice.

Printing with Google Cloud Print

The machine is compatible with Google Cloud Print™ (Google Cloud Print is a service provided by Google Inc.).

By using Google Cloud Print, you can print from anywhere with applications or services supporting Google Cloud Print.

Sending Print Data and Printing via Internet



Once you register the machine to Google Cloud Print, you can print from applications or services supporting Google Cloud Print without internet connection.

Sending Print Data and Printing without Going through Internet



►► Important

- This function may not be available depending on the country or region you live in.
- To use Google Cloud Print, you need to get Google account and register the machine with Google Cloud Print in advance.

Additionally, LAN connection with the machine and internet connection are required to register the machine to Google Cloud Print. Internet connection fees apply.

1. [Getting Google Account](#)
2. [Registering Machine with Google Cloud Print](#)
3. [Printing from Computer or Smartphone with Google Cloud Print](#)

►► Important

- When the machine owner changes, delete its registration from Google Cloud Print.

■ [Deleting Machine from Google Cloud Print](#)

LAN connection with the machine and internet connection are required to delete the machine from Google Cloud Print. Internet connection fees apply.

Printing Using Operation Panel

- ▶ **Printing Photo Data**
- ▶ **Printing Templates Such as Lined or Graph Paper**
- ▶ **Printing Documents (PDF File) Saved on Memory Card**
- ▶ **Disc Label Printing**

Printing Photo Data

- ▶ **Printing Photographs Saved on Memory Card**
- ▶ **Advanced photo Menu**
- ▶ **Printing Photo with Trimming**
- ▶ **Setting Items for Photo Printing Using Operation Panel**
- ▶ **Using Useful Display Functions**
- ▶ **Printing Photo While Viewing Slide Show**


Printing Photographs Saved on Memory Card

You can print the photograph saved on the memory card easily.

This section describes the procedure to print the photograph in **Photo print**.

1. [Make sure machine is turned on.](#)

2. [Load photo paper.](#)

3. Flick HOME screen and tap  **Photo print**.

■ [Using the Operation Panel](#)

4. [Insert memory card into card slot.](#)

The photo selection screen is displayed.

▶▶▶ Note

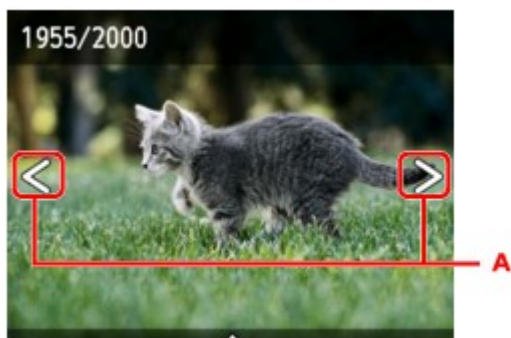
- When you insert the memory card before you select **Photo print** on the HOME screen, the photo selection screen is displayed.
If both photo files and PDF files are saved on the memory card, the confirmation screen to select which file you print is displayed. Tap **Print photos** in the displayed screen.
- If no printable photo data is saved on the memory card, **Data of supported types are not saved.** is displayed on the touch screen.
- If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the touch screen and tap **OK**.

5. Specify settings as necessary.

- To select the photo to print:

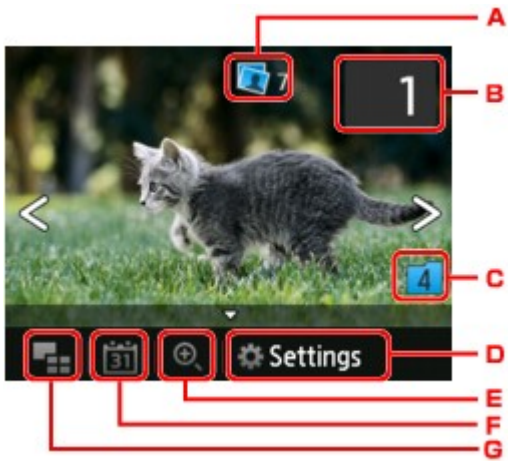
Flick horizontally to select the photo.

You can also select the photo by tapping "A".



You can print a copy of the displayed photo by touching the **Color** button.

- To change the display method, the number of copies, or the print settings:
Tap near the center of the displayed photo to display menus.



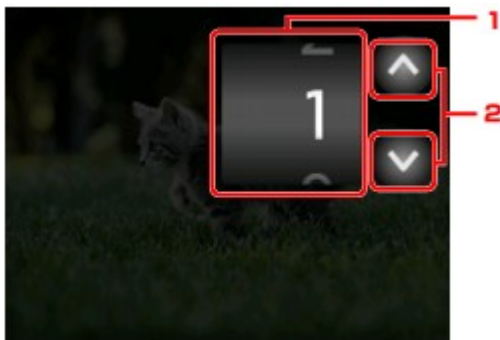
A. Total number of copies

Total number of copies is displayed.

When tapping, the **Check total no. of copies** screen is displayed and you can check the number of copies for each photo. On the **Check total no. of copies** screen, you can change the number of copies for each photo.

B. Number of copies

Tap to specify the number of copies.



1. Flick vertically to specify the number of copies.

Tap to display the photo selection screen.

2. Tap to specify the number of copies.

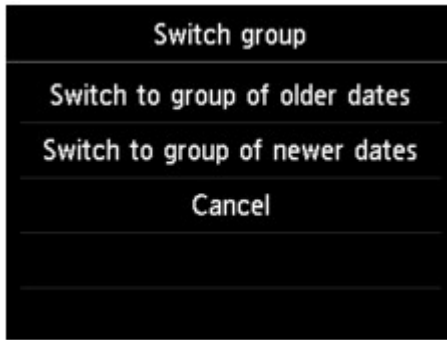
Touch and hold to specify the number of copies by 10 copies.

»» Note

- You can specify the number of copies for each photo. Display the photo you want to print and specify the number of copies when the desired photo is displayed.

C. Switching group

Tap to switch the photo group.



For details:

[Using Useful Display Functions](#)

D. Settings

Tap to display the **Settings** screen.

You can change the settings of page size, media type, and print quality and so on.

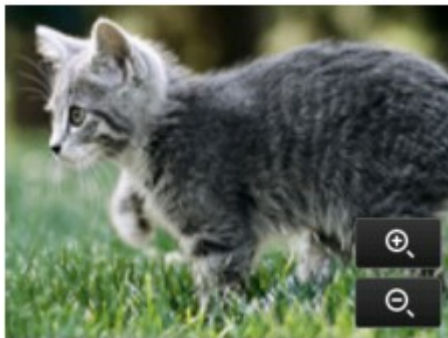


For more on the setting items:

[Setting Items for Photo Printing Using Operation Panel](#)

E. Zooming in

Tap to zoom in on the photo.



For details:

[Using Useful Display Functions](#)

F. Date specification

Tap to select photo with specifying the date (last modified date of data).



For details:

■ [Using Useful Display Functions](#)

G. Multi display

Tap to display the multiple photos at once.



For more on the display method:

■ [Using Useful Display Functions](#)

6. Touch **Color** button.

The machine starts printing.

▶▶▶ Note

- Touch the **Stop** button to cancel printing.
- While processing the print job, you can add the print job (Reserve photo print).

■ [Adding Print Job](#)

Adding Print Job


You can add the print job (Reserve photo print) while printing photos.

Follow the procedure below to add the print job.

1. Flick photo while printing to select next photo.

▶▶▶ Note

- While you select the photo, the machine prints the reserved photos.

- The  reserved photo icon appears on the photo included in the print job.

2. Specify the number of copies for each photo.

▶▶▶ Note

- While processing the print job, you cannot change the setting for **Page size** or **Type** on print settings confirmation screen. The setting is the same as the setting for the photo included in the print job.

3. Touch **Color** button.

The reserved photo is printed next to the photo that has already been started printing.

If you want to print more photos, operate from step 1 again.

▶▶▶ Note

- While processing the print job, you cannot display the HOME screen, change the print menu, or print from the computer or other devices.
- While processing the print job, the photo in other group is not selected.
- If you touch the **Stop** button while processing the print job, the screen to select a method to cancel reservation is displayed. If you tap **Cancel all reservations**, you can cancel printing all photos. If you tap **Cancel the last reservation**, you can cancel the last printing job.
- If there are many print jobs, **Cannot reserve more print jobs. Please wait a while and redo the operation.** may be displayed on the touch screen. In this case, wait a while and add the print job.

Advanced photo Menu

The following menus are selectable in the **Advanced print** menu to print photos saved on the memory card.



Trimming print

You can edit photo displayed on the touch screen by trimming them and print.

■ [Printing Photo with Trimming](#)



Slide show

You can view the photos saved on the memory card with the slide show.


■ [Printing Photo While Viewing Slide Show](#)

Printing Photo with Trimming

You can edit photo displayed on the touch screen by trimming them and print.

1. [Make sure machine is turned on.](#)

2. [Load photo paper.](#)

3. Flick HOME screen and tap  **Advanced print.**

■ [Using the Operation Panel](#)

4. [Insert memory card into card slot.](#)

▶▶▶ Note

- If you insert the memory card before you select **Advanced print** on the HOME screen, the photo selection screen in **Photo print** is displayed.
If both photo files and PDF files are saved on the memory card, the confirmation screen to select which file you print is displayed.
To display the HOME screen, touch the **HOME** button.

5. Tap **Trimming print.**

▶▶▶ Note

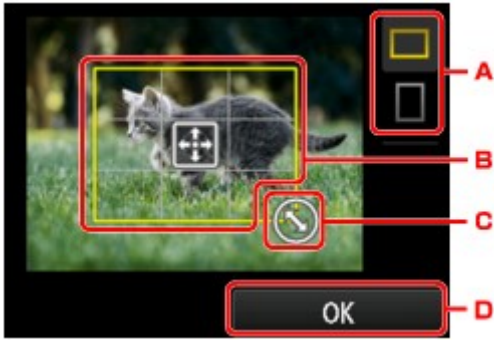
- If no printable photo data is saved on the memory card, **Data of supported types are not saved.** is displayed on the touch screen.
- If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the touch screen and tap **OK.**

6. Tap photo you want to print.

▶▶▶ Note

- Other Options
■ [Using Useful Display Functions](#)

7. Trim print area.



- A. Tap to switch the aspect ratio of the trimming frame.
- B. Drag to position the trimming frame.
- C. Drag to set the trimming frame size.
- D. Tap to finalize your selection of trimming area.

When the area to be cropped is specified, the print setting confirmation screen is displayed.

8. Specify settings as necessary.

Tap **Copies** to display the screen to specify the number of copies.

For the setting items other than **Copies**:

■ [Setting Items for Photo Printing Using Operation Panel](#)

9. Touch **Color** button.

The machine starts printing.

▶▶▶ **Note**

- Touch the **Stop** button to cancel printing.
- You can add the print job by tapping **Print more** while printing.
- [Adding Print Job](#)
- The trimming image cannot be newly saved on the memory card.

Setting Items for Photo Printing Using Operation Panel

You can specify the setting of page size, media type, photo fix and so on to print the photos saved on the memory card.

Print Settings Screen

How to display the print settings screen varies with the print menu.

- In **Photo print** or **Slide show**:

The following screen is displayed by tapping **Settings**.

Settings	
Page size	4"x6" (10x15cm)
Type	Plus Glossy II
Print qty	Standard
Border	Borderless
Photo fix	Auto photo fix

* In **Slide show**, the **Print settings** screen is displayed by tapping **Print settings**.

- In **Trimming print**:

The following screen is displayed before printing.

Trimming print	
Copies	1
Page size	4"x6" (10x15cm)
Type	Plus Glossy II
Print qty	Standard
Border	Borderless

Setting Items

You can specify the following setting items.



Flick vertically to display setting items and tap the setting item to display the settings. Tap to specify the setting.

Settings		
Page size	4"x6" (10x15cm)	1
Type	Plus Glossy II	2
Print qty	Standard	3
Border	Borderless	4
Photo fix	Auto photo fix	5
Red-EyeCorrection	OFF	6
Print date	OFF	7

▶▶▶ Note

- Depending on the print menu, some setting items cannot be selected. This section describes the setting items in **Photo print**.

The setting item which cannot be selected is displayed grayed out or not displayed.

- Some settings cannot be specified in combination with the other setting items or the print menus. If the setting which cannot be specified in combination is selected,  and **Error details** are displayed on the touch screen. In this case, tap  on the upper left on the touch screen to check the message and change the setting.
- The settings of the page size, media type, etc. are retained even if another print menu is selected or the machine is turned off.

1. **Page size**

Select the page size of the loaded paper.

2. **Type** (Media type)

Select the media type of the loaded paper.

3. **Print qlty** (Print quality)

Select print quality according to the photo.

4. **Border** (Bordered/Borderless print)

Select bordered or borderless print.

5. **Photo fix**

When **Auto photo fix** is selected, the scene or person's face of a shot photo is recognized and the most suitable correction for each photo is made automatically. It makes a darkened face by backlight brighter to print. It also analyzes a scene such as scenery, night scene, person, etc. and corrects each scene with the most suitable color, brightness, or contrasts automatically to print.

▶▶▶ Note

- As a default, photos on the memory card are printed with auto correction applied.
- If **No correction** is selected, photos are printed without correction.

6. **Red-EyeCorrection**

Corrects red eyes in portraits caused by flash photography.

Depending on the type of the photo, red eyes may not be corrected or parts other than the eyes may be corrected.

7. **Print date**

Activates/deactivates to print the date (shooting date) on a photo.

»» Note

- The shooting date is printed according to the settings of **Date display format** in **Device user settings** under **Device settings** under **Setup**.

■ [Device user settings](#)

Using Useful Display Functions

You can display the multiple photos at once, specify the date (last modified date of data) to select photos, and switch the photo group.

■ [Viewing Multiple Photos to Select Photo](#)

■ [Specifying Date to Select Photo](#)

■ [Zooming in on Photo](#)

■ [Switching Photo Group](#)

Viewing Multiple Photos to Select Photo

The following screen is displayed by tapping  on the photo selection screen.



A. Tap the photo you want to print, the touch screen returns to single photo display.

B. Tap to display photo with specifying the date.

■ [Specifying Date to Select Photo](#)

C. Tap to increase the display photos. (54 photos display)

D. Drag to switch the number of display photos to 6 photos, 15 photos, or 54 photos.

E. Tap to decrease the display photos. (6 photos display)

Specifying Date to Select Photo

The following screen is displayed by tapping  on the photo selection screen.



A. Tap to select the date (last modified date of data).

B. Tap the date to display.


The photos on date specified are displayed.

»» Note

- The date is displayed according to the settings of **Date display format** in **Device user settings** under **Device settings** under **Setup**.

■ [Device user settings](#)

Zooming in on Photo

The following screen is displayed by tapping  on the photo selection screen.




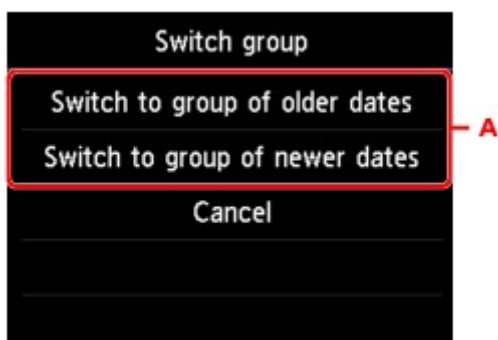
- A. Tap to switch the display magnification.
- B. Drag to move the display position.

Switching Photo Group

»» Note

- If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically.

The following screen is displayed by tapping  on the photo selection screen.



- A. Tap to switch the photo group.


Printing Photo While Viewing Slide Show

You can view the photos saved on the memory card with the slide show.

In the slide show, the photos are displayed one after another automatically.

While viewing the slide show, you can print your favorite photo.

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **Advanced print**.

■ [Using the Operation Panel](#)

3. [Insert memory card into card slot.](#)

▶▶▶ Note

- If you insert the memory card before you select **Advanced print** on the HOME screen, the photo selection screen in **Photo** is displayed.
If both photo files and PDF files are saved on the memory card the confirmation screen to select which file you print is displayed.
To display the HOME screen, touch the **HOME** button.

4. Tap **Slide show**.

▶▶▶ Note

- If no printable photo data is saved on the memory card, **Data of supported types are not saved.** is displayed on the touch screen.
- If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the touch screen and tap **OK**.

5. Tap effect for playback to display.

The slide show starts playing back.

▶▶▶ Note

- To display the photos in the specified range of dates, to change the display order, or to switch the photo group to display, tap **Display set**..
If you display the photos in the specified range of dates, follow the on-screen instructions to specify the start and end of the date.
- Tap the touch screen while the slide show is played back, the slide show pauses.
You can print the displayed photo by touching the **Color** button while the slide show pauses.

When Printing Photo

When the slide show pauses by tapping the touch screen, you can print the displayed photo.



When starting printing, load paper and touch the **Color** button.

▶▶ Note

- You can change the print settings by tapping **Print settings**.
■ [Setting Items for Photo Printing Using Operation Panel](#)
- To resume the slide show, tap **Resume** while the slide show pauses.
- You can resume the slide show by tapping **Resume** while printing. If the printing is not complete, you can print the displayed photo by pausing the slide show again and touching the **Color** button.
- To cancel the slide show, touch the **HOME** button.

Printing Templates Such as Lined or Graph Paper

You can print a template form such as lined paper, graph paper, or checklist, etc. on A4, B5, or Letter-sized plain paper.

■ [Printable template forms](#)

■ [Printing template forms](#)

Printable template forms

The following templates are available:

- **Notebook paper**



You can select three line spacing formats.

Setting on the touch screen:

- **Notebook paper 1 (8 mm)**
- **Notebook paper 2 (7 mm)**
- **Notebook paper 3 (6 mm)**

▶▶▶ **Note**

- You cannot print Notebook paper on B5 sized paper.

- **Graph paper**



You can select two square sizes.

Setting on the touch screen:

- **Graph paper 1 (5 mm grid)**
- **Graph paper 2 (3 mm grid)**

▶▶▶ **Note**

- You cannot print Graph paper on B5 sized paper.

- **Checklist**



You can print a notepad with checkboxes.

Setting on the touch screen:

Checklist

- **Staff paper**



You can print staff paper with 10 or 12 staves.

Setting on the touch screen:

- **Staff paper 1 (10 staves)**
- **Staff paper 2 (12 staves)**

- **Handwriting paper**

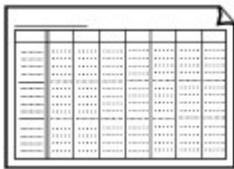


You can print handwriting paper.

Setting on the touch screen:

Handwriting paper (3 lines)

- **Weekly schedule**

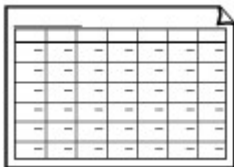


You can print a weekly schedule form.

Setting on the touch screen:

Weekly schedule (vertical)

- **Monthly schedule**




You can print a monthly schedule form.

Setting on the touch screen:

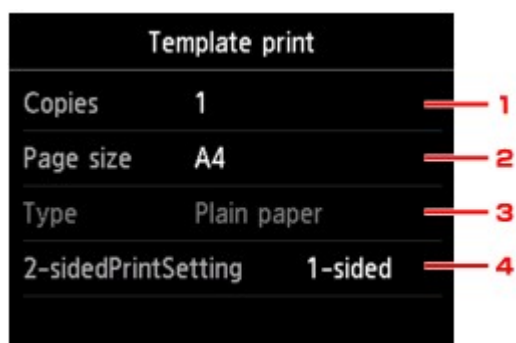
Monthly schedule(calendar)

Printing template forms

Print template form following the procedure below.

1. [Make sure machine is turned on.](#)
2. [Load A4, B5, or Letter-sized plain paper.](#)
3. Flick HOME screen and tap  **Advanced print.**
[Using the Operation Panel](#)
4. Tap **Template print.**
5. Tap template you want to print.

6. Specify settings as necessary.





1. **Copies**

Specify the number of copies.

2. **Page size**

Select the page size depending on the loaded paper.

▶▶▶ **Note**

- Depending on the form, some setting of page size cannot be specified. If it is selected,  and **Error details** are displayed on the touch screen. In this case, tap  on the upper left on the touch screen to check the message and change the setting.

3. **Type** (Media type)

The paper type is set to **Plain paper**.

4. **2-sidedPrintSetting**

Select two-sided printing or single-sided printing.

7. Start printing.

Touch the **Color** button for printing following forms.

Notebook paper 1 (8 mm)/Notebook paper 2 (7 mm)/Notebook paper 3 (6 mm)/Graph paper 1 (5 mm grid)/Graph paper 2 (3 mm grid)/Handwriting paper (3 lines)

Touch the **Black** button for printing following forms.

Checklist/Staff paper 1 (10 staves)/Staff paper 2 (12 staves)/Weekly schedule (vertical)/Monthly schedule(calendar)

Printing Documents (PDF File) Saved on Memory Card

You can print PDF files made using Canon IJ Scan Utility or My Image Garden (application software compatible with the machine) from a memory card.

▶▶▶ Note

- You can print PDF files from a memory card which satisfy the following conditions. Other than the following PDF file cannot be printed even if they appear on the document list.
 - PDF files made using Canon IJ Scan Utility or My Image Garden (application software compatible with the machine) (Extension: .pdf)

Except for the following data:

-Encrypted data

-Data more than 2 GB

-Data including images scanned at 9601 pixels or more in the vertical and horizontal directions

For more on making PDF files using My Image Garden (application software compatible with the machine):

- For Windows:

■ ■ Creating/Editing PDF Files

- For Mac OS:

■ ■ Creating/Editing PDF Files

For more on making PDF files using Canon IJ Scan Utility (application software compatible with the machine):

- For Windows:

■ ■ Scanning Documents

- For Mac OS:

■ ■ [Scanning Documents](#)

1. [Make sure machine is turned on.](#)

2. [Load A4 or Letter-sized plain paper.](#)

3. Flick HOME screen and tap  **Advanced print.**

■ ■ [Using the Operation Panel](#)

4. Tap **PDF file print.**

5. [Insert memory card into card slot.](#)

The document list is displayed.

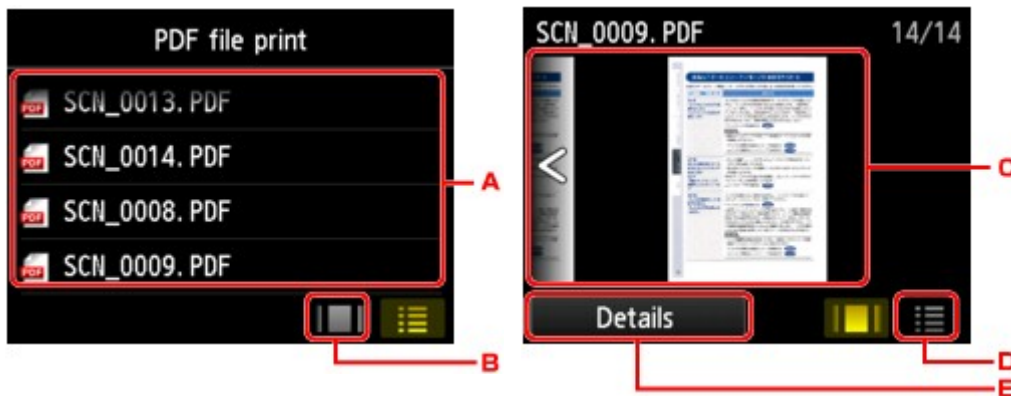
»» Note

- If both photo files and PDF files are saved on the memory card, when the memory card is inserted before you select **PDF file print**, the confirmation screen to select which file you print is displayed. Tap **Print documents** in the displayed screen.
- If no printable document (PDF files) is saved on the memory card, **Data of supported types are not saved.** is displayed on the touch screen.

6. Select document to print.

File name list

Preview display



- A. Flick to display the name of documents and tap document to print.
- B. Tap to switch to the preview display.
- C. Flick to display document preview and tap document to print.
- D. Tap to switch to the file name list.
- E. Tap to display the **Details** screen.

»» Note

- File names may not be displayed properly on the document list if the file name is long or includes incompatible characters.
- On the preview screen, the first page of each PDF file is displayed on the touch screen. In addition, if a document is in landscape format, it will be displayed rotated by 90 degrees.
- For some PDF files, it may take longer to display the preview or part of the preview may be cropped.
- The name of the PDF files is displayed even though the PDF files cannot be printed using the operation panel of the machine. If one of the following conditions is applicable to the PDF files, they are not printable.
 - PDF files saved using application software other than Canon IJ Scan Utility and My Image Garden (application software compatible with the machine)
 - PDF files for which the preview screen is not available ("?" is displayed on the preview screen.)
- We recommend you display the **Details** screen and make sure whether a PDF file is printable. If one of the following conditions is applicable to the PDF file, it is not printable.
 - Information on the **Details** screen cannot be displayed.

- Characters other than the machine name, **IJ Scan Utility**, or **My Image Garden** are displayed on **Created with**.
- The PDF files made using application software other than Canon IJ Scan Utility and My Image Garden (application software compatible with the machine) are not printable even if they are saved using Canon IJ Scan Utility or My Image Garden.

7. Specify settings as necessary.



1. **Copies**

Specify the number of copies.

2. **Page size**

Select the page size depending on the loaded paper.

3. **Type** (Media type)

The paper type is set to **Plain paper**.

4. **Print qlty** (Print quality)

Specify the print quality.

5. **2-sidedPrintSetting**

Select two-sided printing or single-sided printing.

If you tap **Advanced** with **2-sided** selected, you can specify the orientation and the stapling side of the document.

▶▶▶ **Note**

- When the machine name, **IJ Scan Utility**, or **My Image Garden** is displayed in **Created with** on the **Details** screen, you can select **2-sided** to print onto the both sides of a single sheet of paper.

8. Touch **Color** button for color printing, or **Black** button for black & white printing.

The machine starts printing.

▶▶▶ **Note**

- You can print up to 250 pages at a time. If you try to print more than 250 pages of a PDF file, **The specified PDF file contains too many pages. The pages exceeding the number of printable pages will not be printed. Continue?** is displayed on the touch screen. To start printing, tap **Yes**. If you need to print more than 250 pages of a PDF file, print them from a computer.
- Depending on the PDF file, it may be printed rotated by 90 degrees.

- If the document size is larger than the page size specified on the machine, the document will be printed at a reduced size. In this case, thin lines on the document may not be printed or images may be misaligned.
- For some PDF files, an error message may be displayed before printing starts or while printing is in progress.

For details, see [Message Appears](#).

Disc Label Printing

- ▶ **Copying Label Side of Disc**
- ▶ **Printing Photo from Memory Card onto Disc Label**


Copying Label Side of Disc

You can copy the label of an existing BD/DVD/CD and print it on a printable disc.

►► Important

- You cannot print on 3.15 inches / 8 cm printable discs.
- Do not attach the disc tray or place the printable disc until the message asking you to set them is displayed. Doing so can damage the machine.

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **Advanced print.**

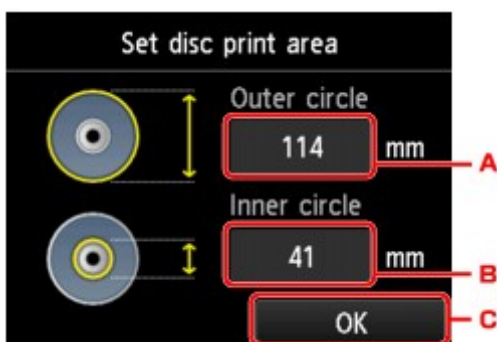
■ [Using the Operation Panel](#)

3. Tap **Copy label to disc label.**



The print area setting screen is displayed.

4. Specify print area.



- A. Tap to specify the outer circle.
- B. Tap to specify the inner circle.
- C. Tap to finalize to specify the print area.

►► Note

- Measure the outer and inner diameters of the printing surface of the printable disc and make sure you set a value smaller than the measured value for the outer diameter, and a value larger than the measured value for the inner diameter.

- For information on printable discs, contact their manufacturers.

5. Tap printable disc type.



▶▶▶ Note

- If your printable disc is the recommended disc, specify **Recommended disc** for the suitable density printing. If not, specify **Other disc**.

6. Follow on-screen instructions to load copy source BD/DVD/CD on platen glass and tap **OK**.



The print setting confirmation screen is displayed.

▶▶▶ Important

- Be sure to load the copy source BD/DVD/CD with its label side down on the center of the Platen Glass. If you load it near the edge of the Platen Glass, part of the image may be cut off.

7. After checking print settings, touch **Color** button for color copying, or **Black** button for black & white copying.



8. Follow on-screen instructions to set printable disc.



Place a printable disc on the disc tray, then insert the tray into the device and tap [OK].

» How to set

OK

»» Note

- You can see the procedure to set the printable disc by tapping **How to set**. The next screen is displayed by tapping **Next**. Additionally, touching the **Stop** button returns to the print confirmation screen.
- For more on setting the printable disc:
[■ Placing a Printable Disc](#)

9. Tap **OK**.



Place a printable disc on the disc tray, then insert the tray into the device and tap [OK].

» How to set

OK

The machine starts copying.

»» Note

- Touch the **Stop** button to cancel copying.
- After printing, allow the printing surface of the disc to dry naturally. Do not use hairdryers or expose the disc to direct sunlight to dry the ink. Do not touch the printing surface until the ink has dried.
- To keep the print quality at an optimal level, we recommend you stop printing discs once every ten discs when printing more than ten discs continuously. To stop the printing operation, detach the disc tray from the machine and close the disc tray guide. After approximately three minutes have elapsed, open the inner cover, attach the disc tray to the machine and resume printing.
- If printing is misaligned, adjust the printing position using **Adjust disc print area** in **Print settings** under **Device settings**.

■ [Print settings](#)

Printing Photo from Memory Card onto Disc Label

You can print a photograph saved on a memory card onto the disc label of the printable disc.

▶▶▶ Important

- You cannot print on 3.15 inches / 8 cm printable discs.
- Do not attach the disc tray or place the printable disc until the message asking you to set them is displayed. Doing so can damage the machine.

1. [Make sure machine is turned on.](#)



2. Flick HOME screen and tap **Advanced print**.

■ [Using the Operation Panel](#)

3. [Insert memory card into card slot.](#)

▶▶▶ Note

- If you insert the memory card before you select **Advanced print** on the HOME screen, the photo selection screen in **Photo** is displayed.
- If both photo files and PDF files are saved on the memory card, the confirmation screen to select which file you print is displayed.
- To display the HOME screen, touch the **HOME** button.

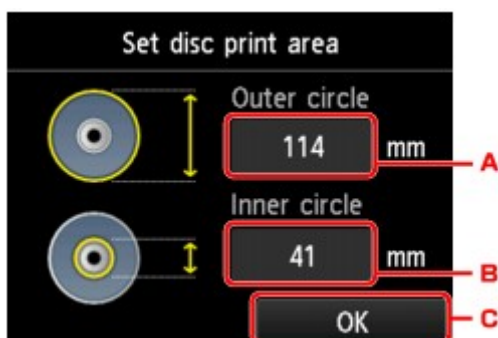
4. Tap **Print photos to disc label**.

The print area setting screen is displayed.

▶▶▶ Note

- If no printable photo data is saved on the memory card, **Data of supported types are not saved.** is displayed on the touch screen.
- If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the touch screen and tap **OK**.

5. Specify print area.



A. Tap to specify the outer circle.

- B. Tap to specify the inner circle.
- C. Tap to finalize to specify the print area.

▶▶▶ **Note**

- Measure the outer and inner diameters of the printing surface of the printable disc and make sure you set a value smaller than the measured value for the outer diameter, and a value larger than the measured value for the inner diameter.
- For information on printable discs, contact their manufacturers.

- 6. Tap printable disc type.

▶▶▶ **Note**

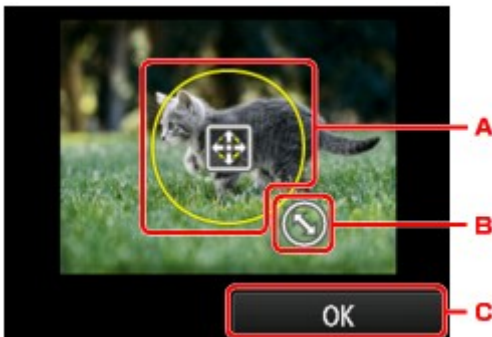
- If your printable disc is the recommended disc, specify **Recommended disc** for the suitable density printing. If not, specify **Other disc**.

- 7. Tap photo you want to print.

▶▶▶ **Note**

- Other options
 - [Using Useful Display Functions](#)

- 8. Specify print area with trimming.



- A. Drag to position the trimming frame.
- B. Drag to set the trimming frame size.
- C. Tap to finalize your selection of trimming area.

When the area to be cropped is specified, the print setting confirmation screen is displayed.

- 9. Check print settings and touch **Color** button.

- 10. Follow on-screen instructions to set printable disc.

▶▶▶ **Note**

- You can see the procedure to set the printable disc by tapping **How to set**. The next screen is displayed by tapping **Next**. Additionally, touching the **Stop** button returns to the print confirmation screen.
- For more on setting the printable disc:

11. Tap **OK**.

The machine starts printing.

▶▶▶ **Note**

- Touch the **Stop** button to cancel printing.
- After printing, allow the printing surface of the disc to dry naturally. Do not use hairdryers or expose the disc to direct sunlight to dry the ink. Do not touch the printing surface until the ink has dried.
- To keep the print quality at an optimal level, we recommend you stop printing discs once every ten discs when printing more than ten discs continuously. To stop the printing operation, detach the disc tray from the machine and close the disc tray guide. After approximately three minutes have elapsed, open the inner cover, attach the disc tray to the machine and resume printing.
- If printing is misaligned, adjust the printing position using **Adjust disc print area** in **Print settings** under **Device settings**.

■ [Print settings](#)

Printing from Digital Camera

- **Printing Photographs Directly from PictBridge (Wireless LAN) Compliant Device**
- **PictBridge (Wireless LAN) Print Settings**

Printing Photographs Directly from PictBridge (Wireless LAN) Compliant Device

You can connect a PictBridge (Wireless LAN) compliant device such as a digital camera, camcorder, or mobile phone to the machine through LAN, and print recorded images directly without using a computer.

Connectable devices:

PictBridge (Wireless LAN) compliant device

Printable image data format:

The machine accepts images* taken with a camera compliant with the Design rule for Camera File system and PNG files.

* Exif 2.2/2.21/2.3 compliant

▶▶▶ Important

- LAN connection with the machine is required to use this function.

▶▶▶ Note

- PictBridge is the Standard to print your photos directly without using a computer, connecting a device such as a digital still camera, digital camcorder, or camera-equipped mobile phone.
In this manual, PictBridge printing with the wireless LAN connection is referred to as "PictBridge (Wireless LAN)."
- When printing photos with the PictBridge (Wireless LAN) compliant device connected to the machine, we recommend the use of the AC adapter supplied with the device. If you are using the device battery, be sure to charge it fully.
- Depending on the model or brand of your device, you may have to select a print mode compliant with PictBridge (Wireless LAN) before connecting the device. You may also have to turn on the device or select Play mode manually after connecting the device to the machine.
Perform necessary operations on the PictBridge (Wireless LAN) compliant device before connecting it to this machine according to instructions given in the device's instruction manual.
- Depending on your PictBridge (Wireless LAN) compliant device, you can print on the label side of discs. However, you cannot print on 3.15 inches / 8 cm printable discs.

1. [Make sure machine is turned on.](#)
2. [Load paper.](#)
3. Connect PictBridge (Wireless LAN) compliant device to machine.

Detect the machine with the PictBridge (Wireless LAN) compliant device and connect the PictBridge (Wireless LAN) compliant device to the machine with LAN.

▶▶▶ Note

- For more on detecting the machine, refer to your PictBridge (Wireless LAN) compliant device's instruction manual.

4. Specify print settings such as paper type and layout.

You can perform settings using the menu on the LCD of your PictBridge (Wireless LAN) compliant device. Select the size and type of paper that you loaded in the machine.

■ [Settings on PictBridge \(Wireless LAN\) Compliant Device](#)

If your PictBridge (Wireless LAN) compliant device does not have a setting menu, change the setting from the machine.

■ [Settings on Machine](#)

▶▶▶ **Note**

- When printing from the PictBridge (Wireless LAN) compliant device, set the print quality with the operation panel on the machine. You cannot set the print quality on the PictBridge (Wireless LAN) compliant device.
- When printing onto printable disc, attach the disc tray following the on-screen instructions of PictBridge (Wireless LAN) compliant device.

For more on placing the printable disc on the disc tray:

■ [Placing a Printable Disc](#)

5. Start printing from your PictBridge (Wireless LAN) compliant device.

PictBridge (Wireless LAN) Print Settings

■ [Settings on PictBridge \(Wireless LAN\) Compliant Device](#)

■ [Settings on Machine](#)

Settings on PictBridge (Wireless LAN) Compliant Device

This section describes the PictBridge (Wireless LAN) function of the machine. For the print settings on a PictBridge (Wireless LAN) compliant device, refer to the instructions given in the device's instruction manual.

▶▶ Note

- In the following description, names of setting items are given according to those used in Canon-brand PictBridge (Wireless LAN) compliant devices. Setting item names may be different depending on the brand or model of your device.
- Some setting items explained below may not be available on some devices. In this case, the settings made on the machine are applied. Also, when some items are set to **Default** on a PictBridge (Wireless LAN) compliant device, the machine settings for these items are applied.

■ [PictBridge print settings](#)

- Depending on the PictBridge (Wireless LAN) compliant device, you can print a photo onto the disc label of the printable disc.

The following settings can be used when printing from a PictBridge (Wireless LAN) compliant device.

Paper size	4" x 6"/ 10 x 15 cm, 5" x 7"/ 13 x 18 cm*, 8" x 10"/ 20 x 25 cm, A4, 8.5" x 11"(Letter) * Can be selected only on certain Canon-brand PictBridge (Wireless LAN) compliant devices. (May not be selected depending on the device.)
Paper type	<ul style="list-style-type: none"> • Default: Glossy Photo Paper "Everyday Use" GP-501, GP-601/Photo Paper Plus Semi-gloss SG-201/Photo Paper Pro Luster LU-101 • Photo: Photo Paper Plus Glossy II PP-201/Photo Stickers* * When printing on sticker paper, select 4"x6"/10x15cm in Paper size. Do not set Layout to Borderless. • Fast Photo: Photo Paper Pro Platinum PT-101 • Plain: A4/Letter sized plain paper When Paper type is set to Plain, borderless printing will be disabled even when Layout is set to Borderless.
Layout	Default (Selections based on the machine setting), Index, Bordered, Borderless, N-up (2, 4, 9, 16)*1, 20-up*2, 35-up*3 *1 Layout compatible with A4 or Letter-sized paper and Canon-brand sticker above. -A4/Letter: 4-up -Photo Stickers: 2-up, 4-up, 9-up, 16-up.


	<p>*2 With a Canon brand PictBridge (Wireless LAN) compliant device, selecting items with "i" mark allows you to print shooting info (Exif Data) in list format (20-up) or on the margins of the specified data (1-up). (May not be available with some Canon-brand PictBridge (Wireless LAN) compliant devices.)</p> <p>*3 Printed in 35 mm Film Style Layout (Contact Printing Layout). Available only with a Canon-brand PictBridge (Wireless LAN) compliant device. (May not be available with some Canon-brand PictBridge (Wireless LAN) compliant devices.)</p>
Print date & file no.	Default (Off: No printing), Date, File No., Both, Off
Image optimize	<p>Default (Selections based on the machine setting), On (Auto photo fix)*1, Off, Red-Eye correction*2</p> <p>*1 The scene or person's face of a shot photo is recognized and the most suitable correction for each photo is made automatically. It makes a darkened face by backlight brighter to print. It also analyzes a scene such as scenery, night scene, person, etc. and corrects each scene with the most suitable color, brightness, or contrasts automatically to print.</p> <p>*2 Can be selected only on certain Canon-brand PictBridge (Wireless LAN) compliant devices. (May not be selected depending on the device.)</p>
Trimming	Default (Off: No trimming), On (follow the camera's setting), Off

Settings on Machine

You can change the PictBridge (Wireless LAN) print settings from the **PictBridge print settings** screen. Set the print settings to **Default** on the PictBridge (Wireless LAN) compliant device when you want to print according to the settings on the machine.

This section describes the procedure to display the **PictBridge print settings** screen.

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **Setup**.

[Using the Operation Panel](#)

3. Tap  **Device settings**.

4. Tap **PictBridge print settings**.

5. Check message that is displayed and tap **OK**.

6. Tap **Photo print setting**.

The **PictBridge print settings** screen is displayed.

For more on the setting items:

[PictBridge print settings](#)

▶▶ Note

- If you select **Disc label print setting**, the **Set disc print area** screen is displayed to change the disc label print setting.

■ [PictBridge print settings](#)

Paper Settings

By registering the paper size and the media type loaded in the cassette, you can prevent the machine from misprinting by displaying the message before printing starts when the paper size or the media type of the loaded paper differs from the print settings.

▶▶▶ Note

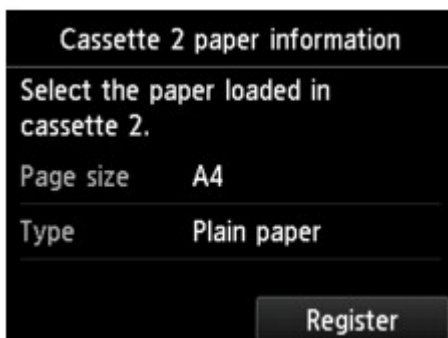
- The default display setting is different between when you print or copy from the operation panel of the machine and when you print using the printer driver.

■ [Default Setting for Displaying Message which Prevents Misprinting](#)

- **When you insert the cassette with paper loaded:**



The screen to register the cassette paper information is displayed.



Register the paper size and the media type according to the loaded paper.

▶▶▶ Important

- For copying, specify the paper settings for copying so that they match the cassette paper information.
- For more on the proper combination of paper settings you can specify by the printer driver or on the touch screen:
 - For Windows:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)
 - For Mac OS:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

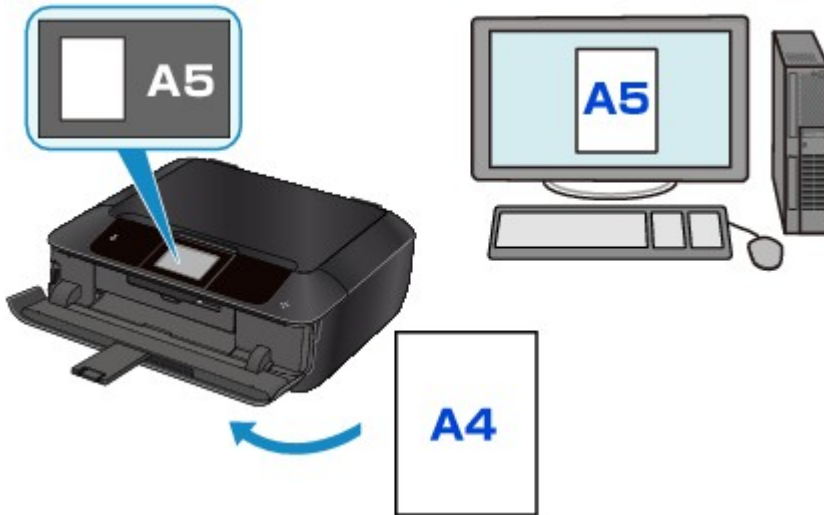
»» Note

- Depending on the registered cassette paper information, the screen to make sure whether you apply the registered information to the paper settings for copying is displayed. If you tap **Yes**, the information is applied to the paper settings for copying.

- **When the paper settings for printing or copying are different from the cassette paper information registered to the machine:**

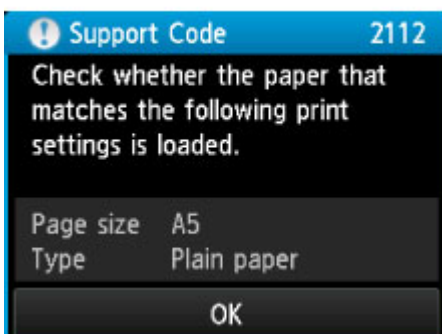
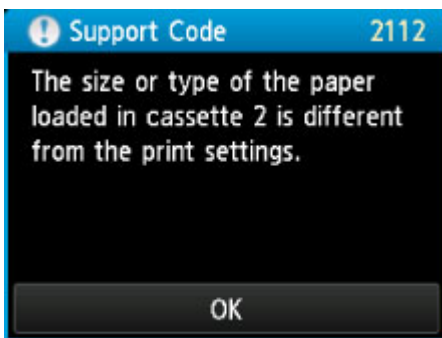
Ex:

- Paper setting for printing or copying: A5
- Cassette paper information registered to the machine: A4



When you start printing or copying, a message is displayed.

Tapping **OK** on the touch screen displays the paper setting specified for printing or copying under the message.



Check the message and tap **OK**. When the screen to select the operation is displayed, select one of the operations below.

»» Note

- Depending on the setting, the choices below may not be displayed.

Print with the loaded paper.

Select if you want to print on the paper loaded in the cassette without changing the paper settings.

For example, when the paper setting for printing or copying is A5 and the cassette paper information registered to the machine is A4, the machine starts printing or copying with A5 on the paper loaded in the cassette.

Replace the paper and print

Select if you want to print after replacing the paper of the cassette.

For example, when the paper setting for printing or copying is A5 and the cassette paper information registered to the machine is A4, you load A5 sized paper in the cassette before you start printing or copying.

The cassette paper information registration screen is displayed after replacing the paper and inserting the cassette. Register the cassette paper information according to the paper you loaded in the cassette.

»» Note

- If you do not know what paper information to register to the machine, touch the **Back** button when the screen to select the operation is displayed. When the previous screen is displayed, check the paper size and the media type and register them to the machine.

For more on the proper combination of paper settings you can specify by the printer driver or on the touch screen:

- For Windows:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)
- For Mac OS:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

Cancel

Cancels printing.

Select when you change the paper settings specified for printing or copying. Change the paper settings and try printing again.

Default Setting for Displaying Message which Prevents Misprinting

- **When you print using the operation panel of the machine:**

The message which prevents misprinting is enabled by default.

To change the display setting when you copy or print using the operation panel of the machine:

- [Cassette settings](#)

- **When you print using the printer driver:**

The message which prevents misprinting is disabled by default.

To change the display setting when you print using the printer driver:

- For Windows:

- [Changing the Printer Operation Mode](#)

- For Mac OS:

- [Changing the Printer Operation Mode](#)

▶▶ Important

- When the message which prevents misprinting is disabled:

The machine starts printing or copying even though the paper settings for printing or copying and the cassette paper information registered to the machine are different.

Copying



Making Copies  **Basics**



Reducing/Enlarging Copies



Two-Sided Copying



Special Copy Menu




Copying from Smartphone/Tablet

Making Copies

This section describes the procedure to copy with **Copy**.

1. [Make sure machine is turned on.](#)
2. [Load paper.](#)

3. Flick HOME screen and tap  **Copy**.

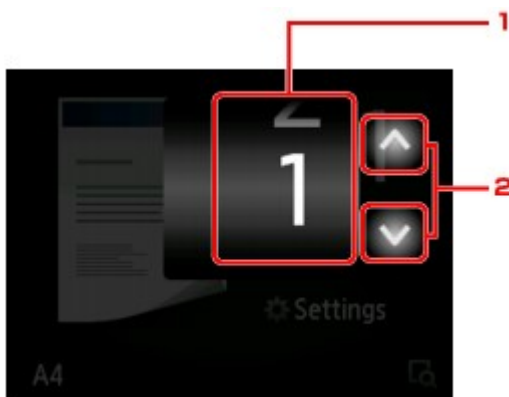
■ Using the Operation Panel

The Copy standby screen is displayed.

4. [Load original on platen glass.](#)
5. Specify settings as necessary.



- A. The copy layout is displayed.
Switch the layout (single-sided/2-on-1/two-sided).
- B. Tap to specify the number of copies.



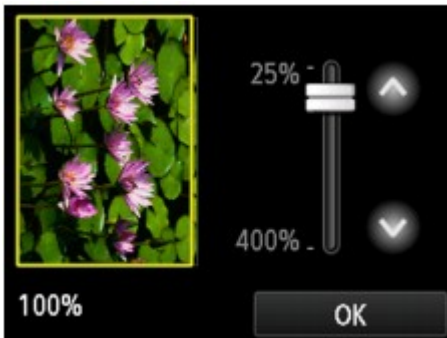
1. Flick to specify the number of copies.
 2. Tap to specify the number of copies.
If you keep touching here, the number scrolls by 10.
- C. Tap to display the print setting items.



For more on the setting items:

■ [Setting Items for Copying](#)

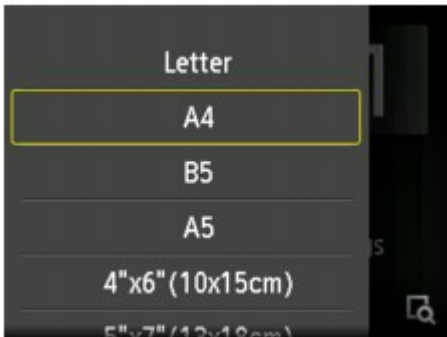
D. Tap to preview an image of the printout on the preview screen.



For details:

■ [Displaying Preview Screen](#)

E. Tap to specify the page size.



6. Touch **Color** button for color copying, or **Black** button for black & white copying.

The machine starts copying.

Remove the original on the platen glass after copying is complete.

▶▶▶ **Important**

- Do not open the document cover or remove the original from the platen glass until scanning is completed.

▶▶▶ **Note**

- To cancel copying, touch the **Stop** button.

Adding Copying Job (Reserve copy)

You can add the copying job while printing (Reserve copy).

The screen below is displayed when you can add the copying job.



Load the original on the platen glass and touch the same button (the **Color** button or the **Black** button) as the one which you previously touched.



▶▶▶ Important

- When you load the original on the platen glass, move the document cover gently.


▶▶▶ Note

- When **Print qlty** (print quality) is set **High**, you cannot add the copying job.
- When you add the copying job, the number of copies or the settings such as the page size or media type cannot be changed.
- If you touch the **Stop** button while reserve copying is in progress, the screen to select the method to cancel copying is displayed. If you tap **Cancel all reservations**, you can cancel copying all scanned data. If you tap **Cancel the last reservation**, you can cancel the last copying job.
- If you set a document of too many pages to add the copying job, **Cannot add more copy jobs. Please wait a while and redo the operation.** may appear on the touch screen. Tap **OK** and wait a while, and then try copying again.
- If **Failed to reserve the copy job. Start over from the beginning.** appears on the touch screen when scanning, tap **OK** and touch the **Stop** button to cancel copying. After that, copy the documents that have not been finished copying.

Displaying Preview Screen

When  is displayed on the Copy standby screen, tapping  allows you to preview an image of the printout on the preview screen.

▶▶▶ Important

- In the following conditions,  is not displayed when the Copy standby screen is displayed.
 - **2-sided** is selected for **2-sidedPrintSetting**.
 - **2-on-1 copy** or **4-on-1 copy** is selected for **Layout**.

When either of the conditions above is selected, you can set to display the preview screen after scanning the original is finished.

 [Two-Sided Copying](#)

 [Copying Two Pages onto Single Page](#)

 [Copying Four Pages onto Single Page](#)

- The original will be scanned to display the preview image. Therefore, do not open the document cover until the preview screen is displayed.
- Originals are rescanned after displaying the preview screen and before copying starts. Therefore, do not open the document cover or remove the original from the platen glass while **Scanning document...** is displayed.



- A. A frame showing the selected page size appears over the image. The inside of the frame will be printed.
- B. The original that is set on the platen glass is displayed. Tap to select **Fit to page**. If the displayed image is skewed, refer to [Loading Originals](#) and reset the original properly, display the preview screen again and then preview the original.
- C. The magnification setting, which was set when the preview screen was displayed, is displayed. If the setting other than **Fit to page** is selected, you can change the magnification setting by dragging the bar on the touch screen.
- D. Tap to specify the magnification.
If you keep touching, the magnification is changed by 10 %.
- E. Tap to return to the Copy standby screen.
- F. The magnification currently specified is displayed. Tap to select **Fit to page**.

Setting Items for Copying

You can change the copy settings such as magnification and intensity.

Print Settings Screen

▶▶▶ Note

- For more on the print setting screen or the setting item for **Photo copy**, see [Copying Photos](#).

How to display the print setting screen varies with the copy menu.

- In **Copy**:

The following screen is displayed by tapping **Settings** on the Copy standby screen.



- In **Borderless copy** or **Frame erase copy**:

The following screen is displayed before copying.



Setting Items

You can specify the following setting items.

Flick to display setting items and tap the setting item to display the settings. Tap to specify the setting.





»» Note

- Depending on the copy menu, some setting items cannot be selected. This section describes the setting items in **Copy**.

The setting item which cannot be selected is displayed grayed out.

For more on the setting items for **Photo copy**, see [Copying Photos](#).

- Some settings cannot be specified in combination with the setting of other setting item or the copy menu. If the setting which cannot be specified in combination is selected,  and **Error details** are displayed on the touch screen. In this case, tap  on the upper left on the touch screen to check the message and change the setting.
- The settings of the page size, media type, etc. are retained even if the machine is turned off.
- When copying starts in the copy menu that is not available with the specified setting, **The specified function is not available with current settings.** is displayed on the touch screen. Change the setting, following the on-screen instructions.

1. **Magnif.** (Magnification)

Specify the reduction/enlargement method.

 [Reducing/Enlarging Copies](#)

2. **Intensity**

Specify the intensity.



- A. Tap to activate/deactivate automatic intensity adjustment.

When **ON** is selected, the intensity is adjusted automatically according to the originals loaded on the platen glass.

- B. Drag to specify the intensity.

- C. Tap to check the intensity setting.

3. **Page size**

Select the page size of the loaded paper.

4. **Type** (Media type)

Select the media type of the loaded paper.

5. **Print qlty** (Print quality)

Adjust print quality according to the original.

»» Important

- If you use **Draft** with **Type** set to **Plain paper** and the quality is not as good as expected, select **Standard** or **High** for **Print qlty** and try copying again.
- Select **High** for **Print qlty** to copy in grayscale. Grayscale renders tones in a range of grays instead of black or white.

6. Layout

Select the layout.

■ [Copying Two Pages onto Single Page](#)

■ [Copying Four Pages onto Single Page](#)

7. 2-sidedPrintSetting

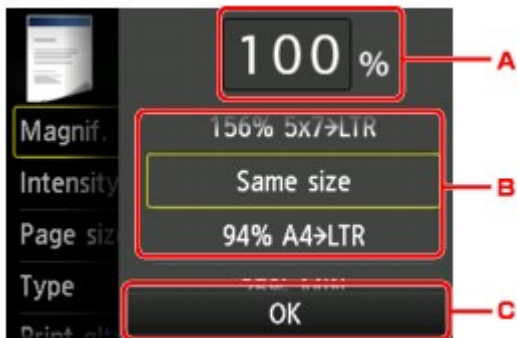
Select whether to perform two-sided copying.

■ [Two-Sided Copying](#)

Reducing/Enlarging Copies

You can specify the magnification optionally or select the preset-ratio copying or fit-to-page copying.

The screen below is displayed when you tap **Settings** in the Copy standby screen and tap **Magnif.** to select the reduction/enlargement method.



A. Tap to display the screen below.



1. Flick to specify the magnification.
2. Tap to specify the magnification.

If you keep touching, the magnification is changed by 10 %.

- B. Flick to specify the magnification.
- C. Tap to check the magnification.

Reduction/enlargement Method

▶▶▶ Note

- Some of the reduction/enlargement methods are not available depending on the copy menu.

- Fit to page

The machine automatically reduces or enlarges the image to fit the page size.



The setting in **Magnif.:** **Fit to page**

▶▶▶ Note

- When you select **Fit to page**, the page size may not be detected correctly depending on the original. In this case, select the setting other than **Fit to page**.

- Preset ratio

You can select one of the preset ratios to reduce or enlarge copies.



Select the appropriate ratio for size of original and page size.

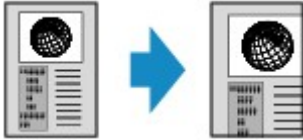
The setting in **Magnif.:** **70% A4->A5/86% A4->B5/94% A4->LTR/115% B5->A4/141% A5->A4/156% 5x7->LTR/183% 4x6->LTR**

▶▶ Note

- Some of the preset ratios are not available depending on the country or region of purchase.

- Ratio specified copy

You can specify the copy ratio as a percentage to reduce or enlarge copies.

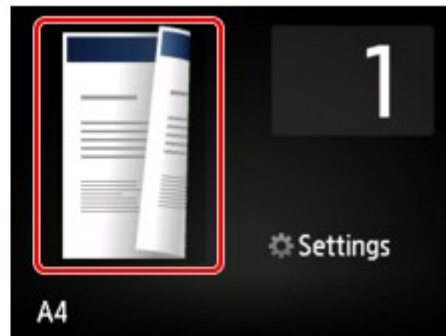
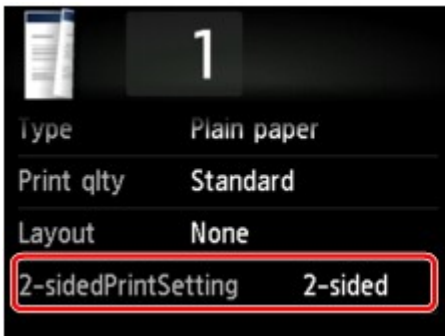


▶▶ Note

- **400% MAX** (maximum copy ratio) and **25% MIN** (minimum copy ratio) are selectable.
- If you make a copy at the same size as the original, select **Same size**.

Two-Sided Copying

When you select **2-sided** for **2-sidedPrintSetting** in **Copy**, you can copy two original pages onto the both sides of a single sheet of paper.



Select **2-sided** and tap **OK**.

If you tap **Advanced** with **2-sided** selected, you can specify the orientation and the stapling side of the original.

- When you select **Orientation: Portrait** and **Output: Long side bind**:



- When you select **Orientation: Portrait** and **Output: Short side bind**:



- When you select **Orientation: Landscape** and **Output: Long side bind**:



- When you select **Orientation: Landscape** and **Output: Short side bind**:



After selecting the stapling side, you can select whether you use the preview screen. If you tap **ON**, the preview screen is displayed so that you can check the orientation.

▶▶▶ Note

- If **Device memory is full. Cannot continue process.** appears on the touch screen when scanning, set the print quality to **Standard** and try copying again. If the problem is not resolved, set the print quality to **Draft** and try copying again.
- Two-sided copy setting can be used in combination with **2-on-1 copy** or **4-on-1 copy**.

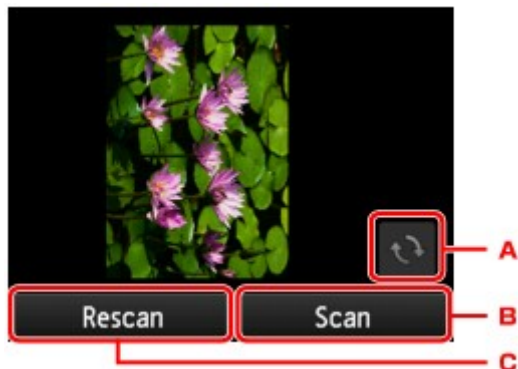
■ [Copying Two Pages onto Single Page](#)

■ [Copying Four Pages onto Single Page](#)

- If you are copying in black & white, print intensity of the Two-sided copy may differ from that of a single-sided copy.

When checking orientation:

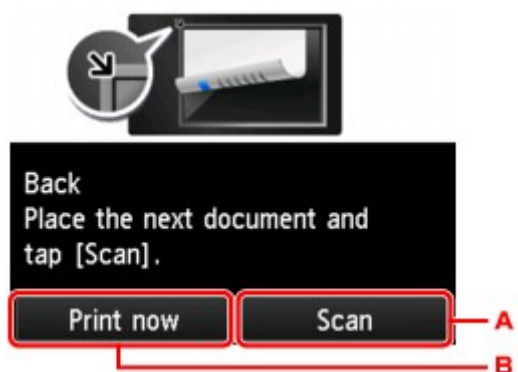
When you are using the preview screen, the screen below is displayed before copying starts so that you can check the orientation.



- A. Tap to rotate the original by 180 degrees.
- B. Tap to start scanning the original.
- C. Tap to rescan the original.

When scanning is finished:

The screen below appears after scanning each sheet of original.



- A. Tap to start scanning the original.
Remove the sheet of original from the platen glass after scanning and load the next sheet on the platen glass and tap **Scan**.
- B. Tap to start copying the original already scanned.

►► Note

- You can add the copying job while printing.

■ [Adding Copying Job \(Reserve copy\)](#)

Special Copy Menu

The following menus are selectable in the **Advanced print** menu to copy originals.



Borderless copy

You can copy images so that they fill the entire page without borders.

■ [Copying without Borders](#)



Frame erase copy

When copying thick originals such as books, you can make a copy without black margins around the image and gutter shadows.

■ [Copying Thick Originals Such as Books](#)



Photo copy

You can copy all photos you scanned.

■ [Copying Photos](#)

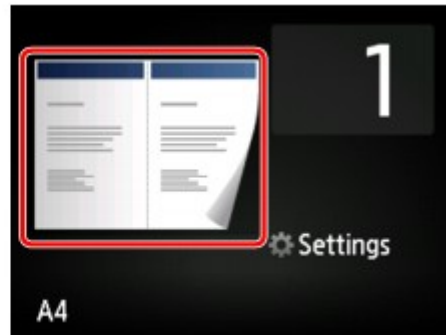
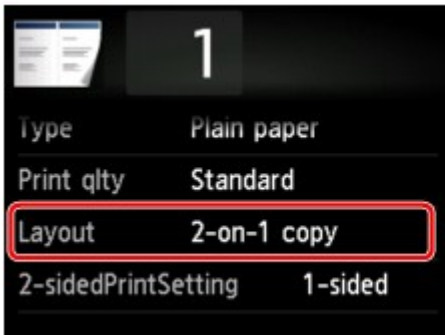
▶▶ Note

- In addition to the copying method in the **Advanced print** menu, the methods below are available.
 - Copy two original pages onto the both sides of a single sheet of paper.
■ [Two-Sided Copying](#)
 - Copy two original pages onto a single sheet of paper by reducing each image.
■ [Copying Two Pages onto Single Page](#)
 - Copy four original pages onto a single sheet of paper by reducing each image.
■ [Copying Four Pages onto Single Page](#)

Copying Two Pages onto Single Page

When you select **2-on-1 copy** for **Layout** in **Copy**, you can copy two original pages onto a single sheet of paper by reducing each image.

Tap **Settings** on the Copy standby screen to display the print settings screen and select **2-on-1 copy** for **Layout**.



Select **2-on-1 copy** and tap **OK**.

If you tap **Advanced** with **2-on-1 copy** selected, you can specify the orientation and the order of the original.

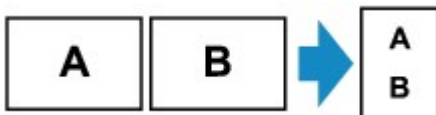
- When you select **Orientation: Portrait** and **Left to right**:



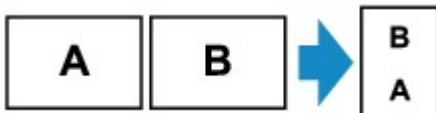
- When you select **Orientation: Portrait** and **Right to left**:



- When you select **Orientation: Landscape** and **Top to bottom**:



- When you select **Orientation: Landscape** and **Bottom to top**:



After selecting the order, you can select whether you use the preview screen. If you tap **ON**, the preview screen is displayed so that you can check the orientation.

»» Note

- If **Device memory is full. Cannot continue process.** appears on the touch screen when scanning, set the print quality to **Standard** and try copying again. If the problem is not resolved, set the print quality to **Draft** and try copying again.
- This function can be used in combination with Two-sided copy.

If you use this function in combination, you can copy four original pages on one sheet of paper. In this case, two original pages are copied on each side of paper.

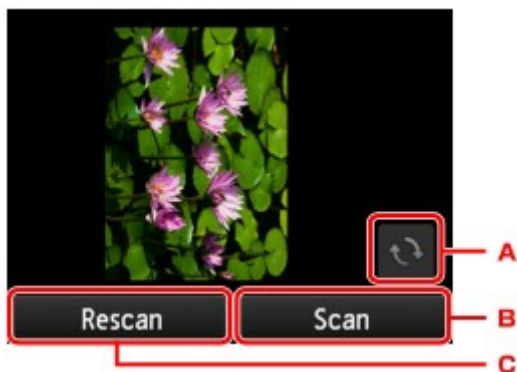
If you use this function in combination, select **2-sided** for **2-sidedPrintSetting** and select the orientation and the stapling side of print paper on the Print settings screen.

For more on two-sided copy function:

■ [Two-Sided Copying](#)

When checking orientation:

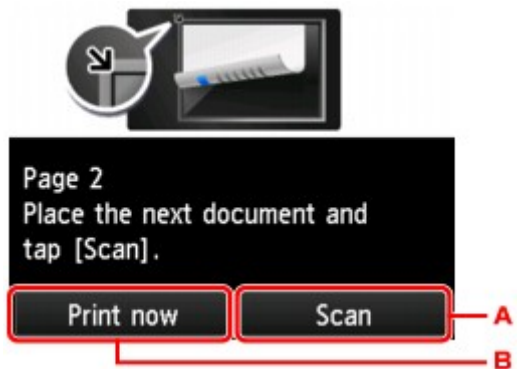
When you are using the preview screen, the screen below is displayed before copying starts so that you can check the orientation.



- A. Tap to rotate the original by 180 degrees.
- B. Tap to start scanning the original.
- C. Tap to rescan the original.

When scanning is finished:

The screen below appears after scanning the first sheet of original.



- A. Tap to start scanning the original.

Remove the sheet of original from the platen glass after scanning and load the next sheet on the platen glass and tap **Scan**.

- B. Tap to start copying the original already scanned.

The machine starts scanning the second sheet of original and copying.

▶▶▶ Note

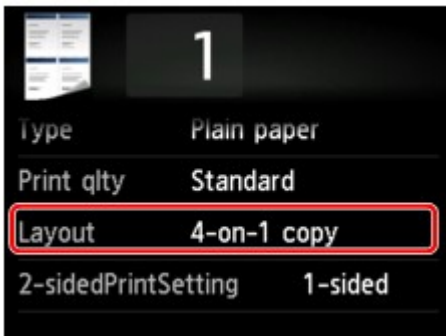
- You can add the copying job while printing.

■ [Adding Copying Job \(Reserve copy\)](#)

- If you use this function in combination with Two-sided copy, the screen above is displayed after scanning the second sheet of original is complete. Follow the on-screen instructions to scan the third and fourth sheet of original.
-

Copying Four Pages onto Single Page

When you select **4-on-1 copy** for **Layout** in **Copy**, you can copy four original pages onto a single sheet of paper by reducing each image. Four different layouts are available.



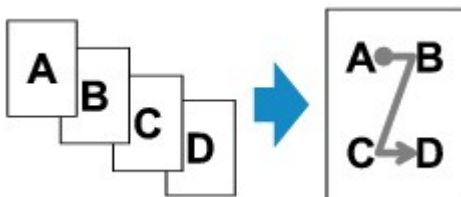
Select **4-on-1 copy** and tap **OK**.

If you tap **Advanced** with **4-on-1 copy** selected, you can specify the orientation and the order of the original.

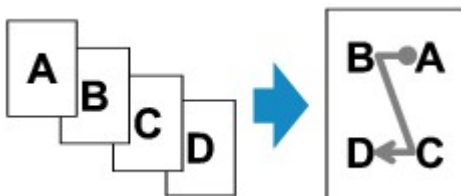
▶▶▶ Note

- The order is the same regardless of the orientation.

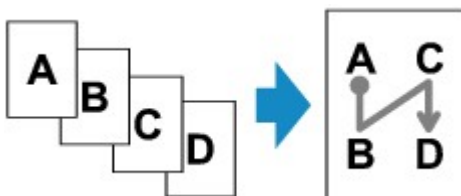
- When you select **Upper-left to right**



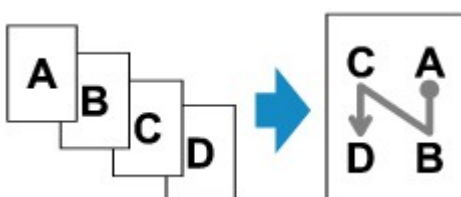
- When you select **Upper-right to left**



- When you select **Upper-left to bottom**



- When you select **Upper-right to bottom**



After selecting the order, you can select whether you use the preview screen. If you tap **ON**, the preview screen is displayed so that you can check the orientation.

▶▶▶ Note

- If **Device memory is full. Cannot continue process.** appears on the touch screen when scanning, set the print quality to **Standard** and try copying again. If the problem is not resolved, set the print quality to **Draft** and try copying again.
- This function can be used in combination with Two-sided copy.

If you use this function in combination, you can copy eight original pages on one sheet of paper. In this case, four original pages are copied on each side of paper.

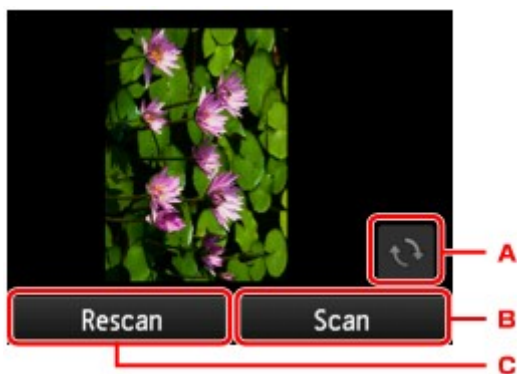
If you use this function in combination, select **2-sided** for **2-sidedPrintSetting** and select the orientation and the stapling side of print paper on the Print settings screen.

For more on two-sided copy function:

■ [Two-Sided Copying](#)

When checking orientation:

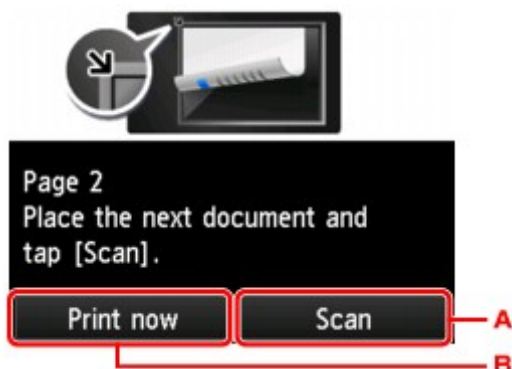
When you are using the preview screen, the screen below is displayed before copying starts so that you can check the orientation.



- Tap to rotate the original by 180 degrees.
- Tap to start scanning the original.
- Tap to rescan the original.

When scanning is finished:

The screen below appears after scanning each sheet of original.



- Tap to start scanning the original.

Remove the sheet of original from the platen glass after scanning and load the next sheet on the platen glass and tap **Scan**.

B. Tap to start copying the original already scanned.

After scanning the fourth sheet of original, the machine starts copying.

▶▶ Note

- You can add the copying job while printing.

■ [Adding Copying Job \(Reserve copy\)](#)

- If you use this function in combination with Two-sided copy, the screen above is displayed after scanning the second sheet of original is complete. Follow the on-screen instructions to scan the rest of originals.


Copying Thick Originals Such as Books

When copying thick originals such as books, you can make a copy without black margins around the image and gutter shadows. Using this function, you can reduce unnecessary ink consumption.



1. [Make sure machine is turned on.](#)

2. [Load paper.](#)

3. Flick HOME screen and tap  **Advanced print.**

■ [Using the Operation Panel](#)

4. Tap **Frame erase copy**.

5. [Load original document on platen glass.](#)


6. Specify settings as necessary.

Tap **Copies** to display the screen to specify the number of copies.

For the setting items other than **Copies**:

■ [Setting Items for Copying](#)

▶▶▶ Note

- When the Copy standby screen is displayed, tapping  allows you to preview an image of the printout on the preview screen.

■ [Displaying Preview Screen](#)

7. Touch **Color** button for color copying, or **Black** button for black & white copying.

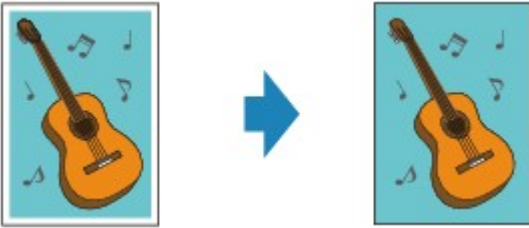
The machine starts copying.

▶▶▶ Note

- Close the document cover.
- There may be a narrow black margin that appears around the image. This function removes the dark margins only. If a scanned book is too thin or when the machine is used near a window or in a bright environment, a faint black frame may remain. Also, if the color of an original is dark, the machine cannot distinguish the document color from the shadow and this may cause slight cropping or a shadow on the crease.


Copying without Borders

You can copy images on photo paper so that they fill the entire page without borders.



1. [Make sure machine is turned on.](#)

2. [Load photo paper.](#)

3. Flick HOME screen and tap  **Advanced print.**

■ [Using the Operation Panel](#)

4. Tap **Borderless copy.**

5. [Load original on platen glass.](#)

6. Specify settings as necessary.

Tap **Copies** to display the screen to specify the number of copies.

For the setting items other than **Copies**:

■ [Setting Items for Copying](#)

7. Touch **Color** button for color copying, or **Black** button for black & white copying.

The machine starts copying.

▶▶▶ Note

- Slight cropping may occur at the edges since the copied image is enlarged to fill the whole page. You can change the width to be cropped from the borders of the original image as needed.

For details:

■ [Extended copy amount](#)


- For more on the paper size and the media type available for borderless copying:

■ [Printing Area](#)

Copying Photos

You can scan printed photos and print them all at one time.

1. [Make sure machine is turned on.](#)
2. [Load photo paper.](#)

3. Flick HOME screen and tap  **Advanced print.**

■ [Using the Operation Panel](#)

4. Tap **Photo copy.**
5. Check on-screen instructions and tap **OK.**
6. Load printed photo on platen glass following on-screen instructions and tap **OK.**

▶▶▶ Note

- For more on loading photos on the platen glass:

■ [Loading Originals](#)



When scanning is complete, the print settings confirmation screen is displayed.

7. Specify settings as necessary.

Flick to display setting items and tap the setting item to display the settings. Tap to specify the setting.



▶▶▶ Note

- Depending on the setting item, some settings cannot be specified in combination with the setting of other setting items. If the setting cannot be specified in combination is selected,  and **Error details** are displayed on the touch screen. In this case, tap  on the upper left on the touch screen to check the message and change the setting.

1. **Copies**
Specifies the number of copies.
2. **Page size**

Select the page size of the loaded paper.

3. **Type** (Media type)

Select the media type of the loaded paper.

4. **Print qlty** (Print quality)

Select print quality according to the original.

5. **Border** (Bordered/Borderless print)

Select bordered or borderless print.

6. **Photo fix**


Select **No correction**, **Auto photo fix**, or **Fade restoration**.

▶▶▶ **Note**

- When **No correction** is selected, the machine prints the scanned image without correction.
- When **Auto photo fix** is selected, the machine corrects the scanned image automatically.
- When **Fade restoration** is selected, the machine corrects the scanned image that have faded over time.

7. By tapping, you can preview an image of the printout on the preview screen. Flick the photo to change the display.

▶▶▶ **Note**

- If  appears on the photo, the printed photo may not be scanned properly. Rescan the printed photo.

8. Touch **Color** button for color printing, or **Black** button for black & white printing.

The machine starts printing.

▶▶▶ **Note**

- If the printed photo was not scanned properly, the confirmation screen asking you if you continue printing is displayed. By tapping **Yes**, the machine starts printing. If you rescan the photo, tap **No** and scan the photo again.

Copying from Smartphone/Tablet

Installing Canon PRINT Inkjet/SELPHY on your smartphone/tablet allows you to perform copy settings or operations from your smartphone/tablet.

Canon PRINT Inkjet/SELPHY can be downloaded from App Store and Google Play.

1. [Make sure machine is turned on.](#)
2. [Load paper.](#)
3. Connect machine and your smartphone/tablet.
 - Connection with a wireless router:
 - [Wireless Connection](#)
 - Connection without a wireless router:
 - [Using Machine with Direct Connection](#)
4. Start Canon PRINT Inkjet/SELPHY from your smartphone/tablet.
5. Make sure your machine is selected.

If not, select your machine.
6. Tap **Copy**.
7. Specify settings as necessary.

The setting items below are available.

 - Number of copies
 - Media type
 - Paper size
 - Magnification
 - Quality
 - Intensity
8. [Load original document on platen glass.](#)
9. Tap **Color** for color copying or **Black** for black & white copying.
10. If screen asking you to enter password is displayed, enter password and tap **OK**.

The machine starts copying.

▶▶▶ Note

- The machine serial number is used as a password at the time of purchase.
 - [Administrator Password](#)

Scanning



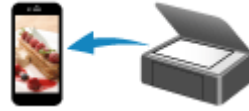
Scanning from Computer (Windows)



Scanning from Computer (Mac OS)



Scanning from Operation Panel



Scanning Using Smartphone/Tablet

Scanning from Computer (Windows)

- ▶ **Using IJ Scan Utility**
- ▶ **Scanning Using Application Software (ScanGear)**
- ▶ **Other Scanning Methods**
- ▶ **IJ Network Scanner Selector EX Menu and Setting Screen**
- ▶ **Scanning Tips**
- ▶ **Positioning Originals (Scanning from Computer)**
- ▶ **Network Scan Settings**

Scanning from Computer (Mac OS)

- ▶ **Using IJ Scan Utility**
- ▶ **Using Scanner Driver**
- ▶ **Scanning Tips**
- ▶ **Positioning Originals (Scanning from Computer)**
- ▶ **Network Scan Settings**

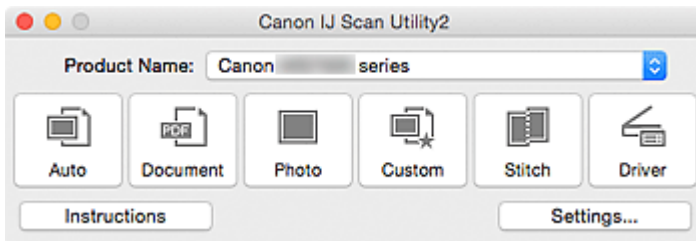
Using IJ Scan Utility

- ▶ **What Is IJ Scan Utility (Scanner Software)?**
- ▶ **Starting IJ Scan Utility**
- ▶ **Easy Scanning with Auto Scan** 📄 **Basics**
- ▶ **Scanning Documents**
- ▶ **Scanning Photos**
- ▶ **Scanning with Favorite Settings**
- ▶ **Scanning Originals Larger than the Platen (Image Stitch)**
 - Adjusting Cropping Frames in the **Image Stitch** Window
- ▶ **Scanning Multiple Originals at One Time**
- ▶ **Saving after Checking Scan Results**
- ▶ **Sending Scanned Images via E-mail**
- ▶ **Extracting Text from Scanned Images (OCR)**
- ▶ **IJ Scan Utility Screens**

What Is IJ Scan Utility (Scanner Software)?

IJ Scan Utility is an application that allows you to easily scan documents, photos, etc.

You can complete from scanning to saving at one time by simply clicking the corresponding icon in the IJ Scan Utility main screen.



What You Can Do with IJ Scan Utility

Scan Easily according to Purposes

You can scan by simply clicking an icon such as **Auto** to scan easily, **Document** to sharpen text in a document or magazine for better readability, or **Photo** to scan with settings suitable for photos, according to the item type or your purpose.

»» Note

- Refer to "[IJ Scan Utility Main Screen](#)" for details on the IJ Scan Utility main screen.

Save Scanned Images Automatically

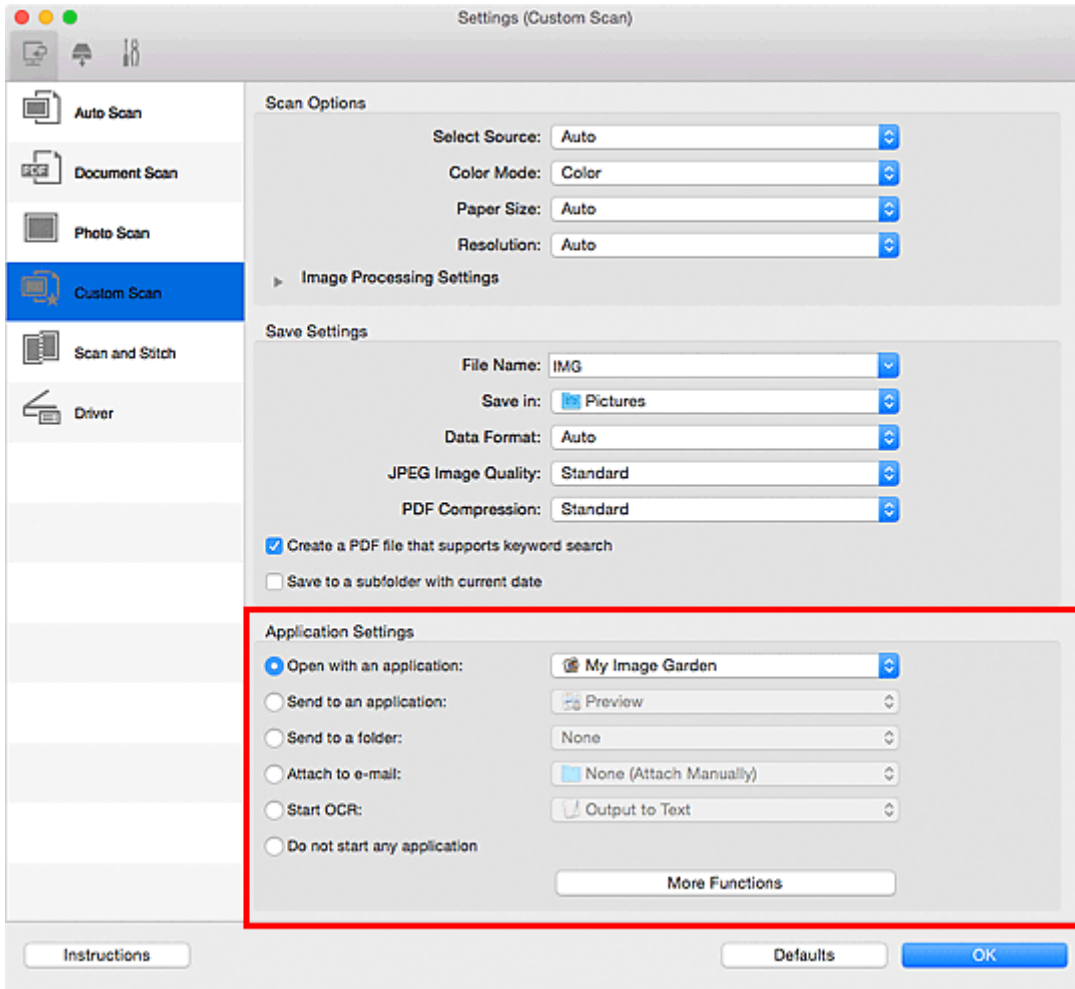
Scanned images are automatically saved in a preset folder. You can change the folder as required.

»» Note

- The default save folder is the **Pictures** folder.
- Refer to "[Settings Dialog](#)" for how to specify a folder.

Integrate with Applications

You can utilize scanned images through integration with other applications; display scanned images in your favorite application, attach them to e-mails, extract text from images, and more.



»»» Important

- Some functions are available only when My Image Garden is installed.

»»» Note

- Refer to "[Settings Dialog](#)" for how to set the applications to integrate with.

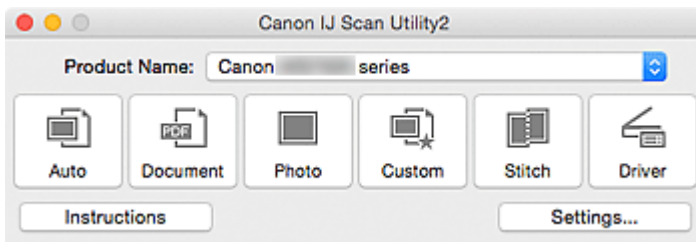
Starting IJ Scan Utility

▶▶▶ Note

- If you have more than one scanner or have changed the connection from USB connection to network connection, set up the network environment from IJ Scan Utility.

■ [Network Scan Settings](#)

From the **Go** menu of Finder, select **Applications**, then double-click the **Canon Utilities** folder, **IJ Scan Utility** folder, and then **Canon IJ Scan Utility2** icon to start IJ Scan Utility.



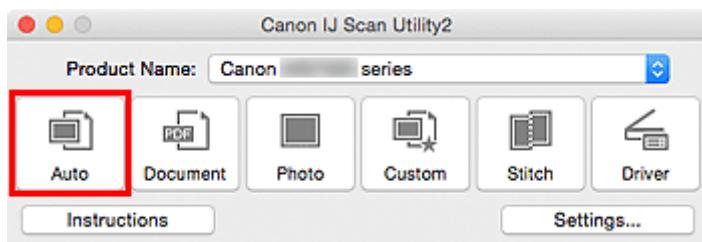
Easy Scanning with Auto Scan

You can scan easily by automatically detecting the item type.

►► Important

- The following types of items may not be scanned correctly. In that case, adjust the cropping frames (selection boxes; scan areas) in the screen displayed by clicking **Driver** in the IJ Scan Utility main screen and scan again.
 - Photos that have a whitish background
 - Items printed on white paper, hand-written documents, business cards, etc.
 - Thin items
 - Thick items

1. Make sure that your scanner or printer is turned on.
2. Place items on the platen of your scanner or printer.
 - [Positioning Originals \(Scanning from Computer\)](#)
3. [Start IJ Scan Utility.](#)
4. Click **Auto**.



Scanning starts.

►► Note

- Click **Cancel** to cancel the scan.
- To apply suitable corrections based on the item type, click **Settings...**, then select the **Apply recommended image correction** checkbox in the **Settings (Auto Scan)** dialog.
- Scanned images are saved in the folder set for **Save in** in the [Settings \(Auto Scan\) dialog](#) displayed by clicking **Settings...**. In the **Settings (Auto Scan)** dialog, you can also make advanced scan settings.
- Refer to the following pages to scan by specifying the item type.
 - [Scanning Photos](#)
 - [Scanning Documents](#)
 - [Scanning with Favorite Settings](#)

Scanning Documents

You can scan items placed on the platen with settings suitable for documents.

1. Place the item on the platen.

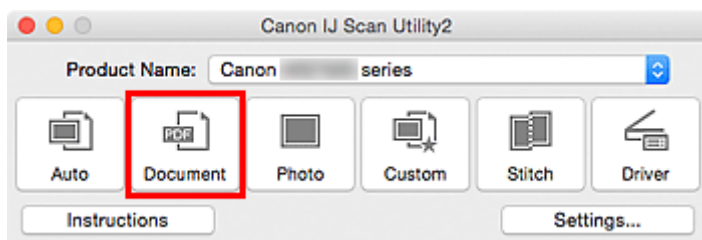
■ [Positioning Originals \(Scanning from Computer\)](#)

2. [Start IJ Scan Utility.](#)

3. Click **Settings...**, then set the paper size, resolution, etc. in the [Settings \(Document Scan\) dialog](#) as required.

When setting is completed, click **OK**.

4. Click **Document**.



Scanning starts.

▶▶▶ Note

- Click **Cancel** to cancel the scan.
- Scanned images are saved in the folder set for **Save in** in the [Settings \(Document Scan\) dialog](#) displayed by clicking **Settings...**. In the **Settings (Document Scan)** dialog, you can also make advanced scan settings.

Scanning Photos

You can scan photos placed on the platen with settings suitable for photos.

1. Place the photo on the platen.

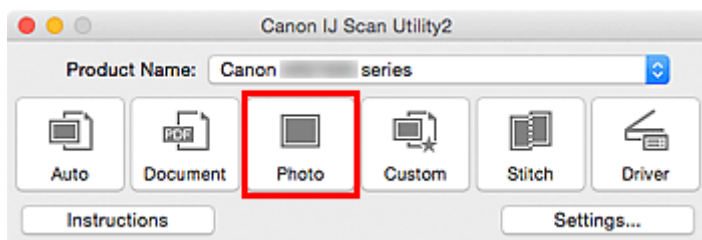
■ [Positioning Originals \(Scanning from Computer\)](#)

2. [Start IJ Scan Utility.](#)

3. Click **Settings...**, then set the paper size, resolution, etc. in the [Settings \(Photo Scan\) dialog](#) as required.

When setting is completed, click **OK**.

4. Click **Photo**.



Scanning starts.

▶▶▶ Note

- Click **Cancel** to cancel the scan.
- Scanned images are saved in the folder set for **Save in** in the [Settings \(Photo Scan\) dialog](#) displayed by clicking **Settings...**. In the **Settings (Photo Scan)** dialog, you can also make advanced scan settings.

Scanning with Favorite Settings

You can scan items placed on the platen with your favorite settings saved beforehand.

This is convenient for saving frequently used settings or when specifying scan settings in detail.

1. [Start IJ Scan Utility](#).
2. Click **Settings...**, then set the item type, resolution, etc. in the [Settings \(Custom Scan\) dialog](#) as required.

When setting is completed, click **OK**.

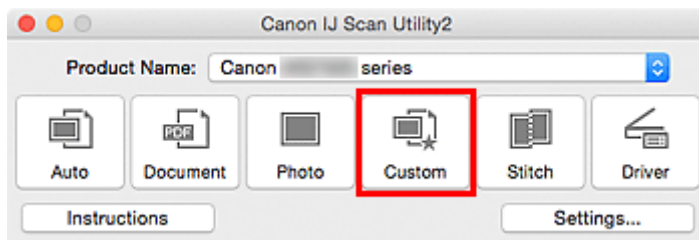
▶▶▶ Note

- Once the settings are made, you can scan with the same settings from the next time.

3. Place the item on the platen.

■ [Positioning Originals \(Scanning from Computer\)](#)

4. Click **Custom**.



Scanning starts.

▶▶▶ Note

- Click **Cancel** to cancel the scan.
- Scanned images are saved in the folder set for **Save in** in the [Settings \(Custom Scan\) dialog](#) displayed by clicking **Settings...** In the **Settings (Custom Scan) dialog**, you can also make advanced scan settings.

Scanning Originals Larger than the Platen (Image Stitch)

You can scan the left and right halves of an item larger than the platen and combine them back into one image. Items up to approximately twice as large as the platen are supported.

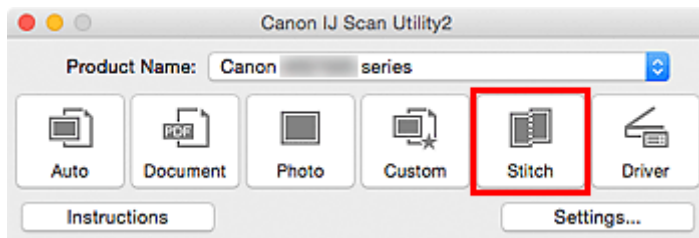
▶▶▶ Note

- The following explains how to scan from the item to be placed on the left side.

1. [Start IJ Scan Utility](#).
2. Click **Settings...**, then set the item type, resolution, etc. in the [Settings \(Scan and Stitch\) dialog](#) as required.

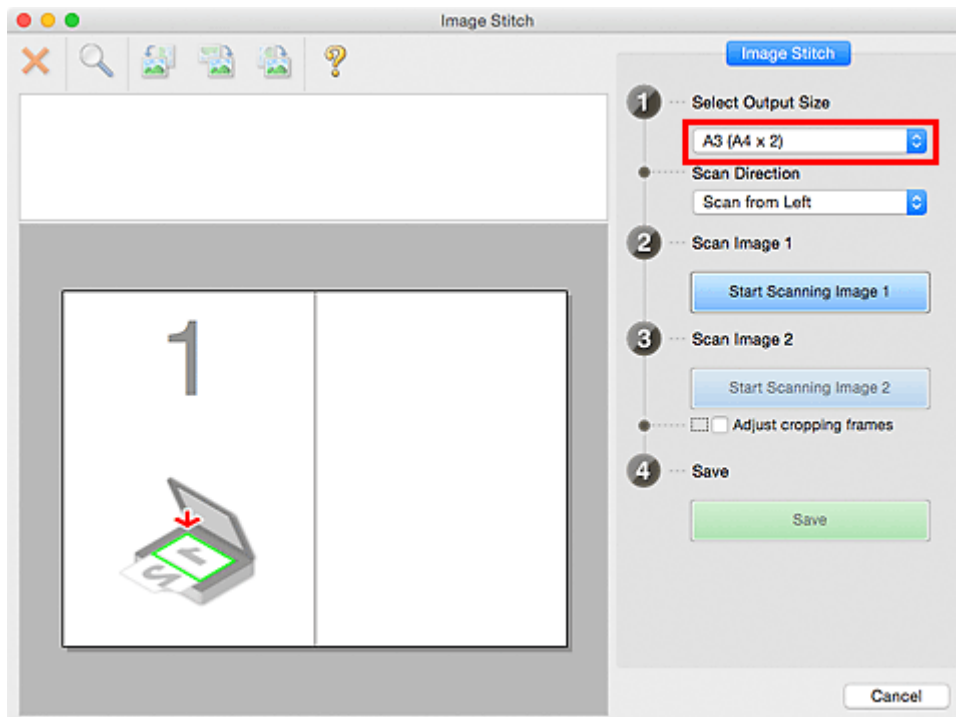
When setting is completed, click **OK**.

3. Click **Stitch**.

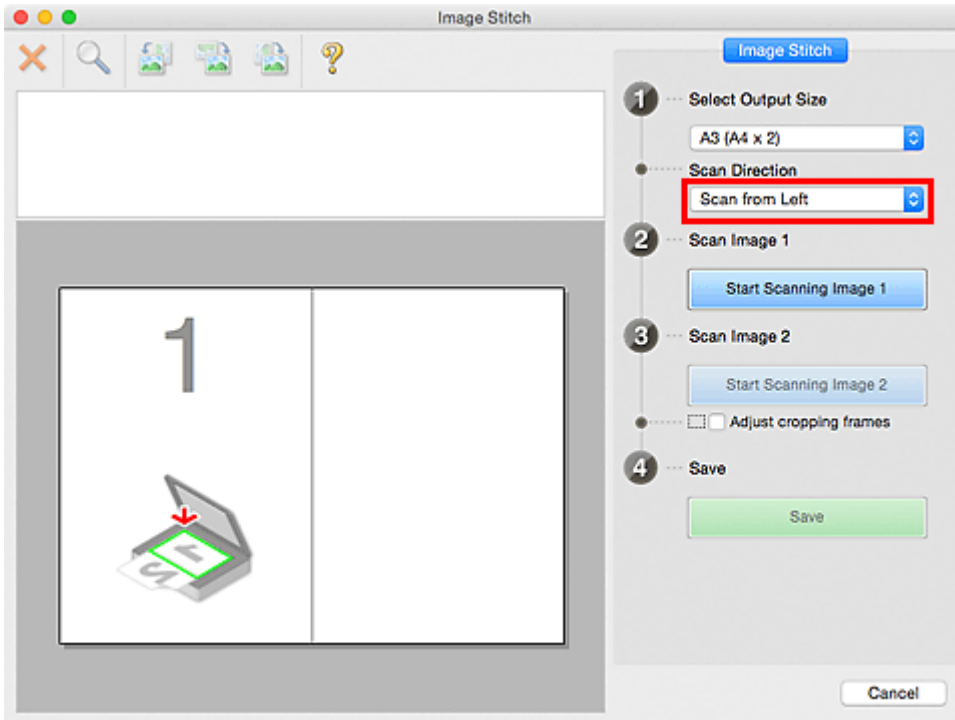


The **Image Stitch** window appears.

4. In **Select Output Size**, select an output size according to the paper size.

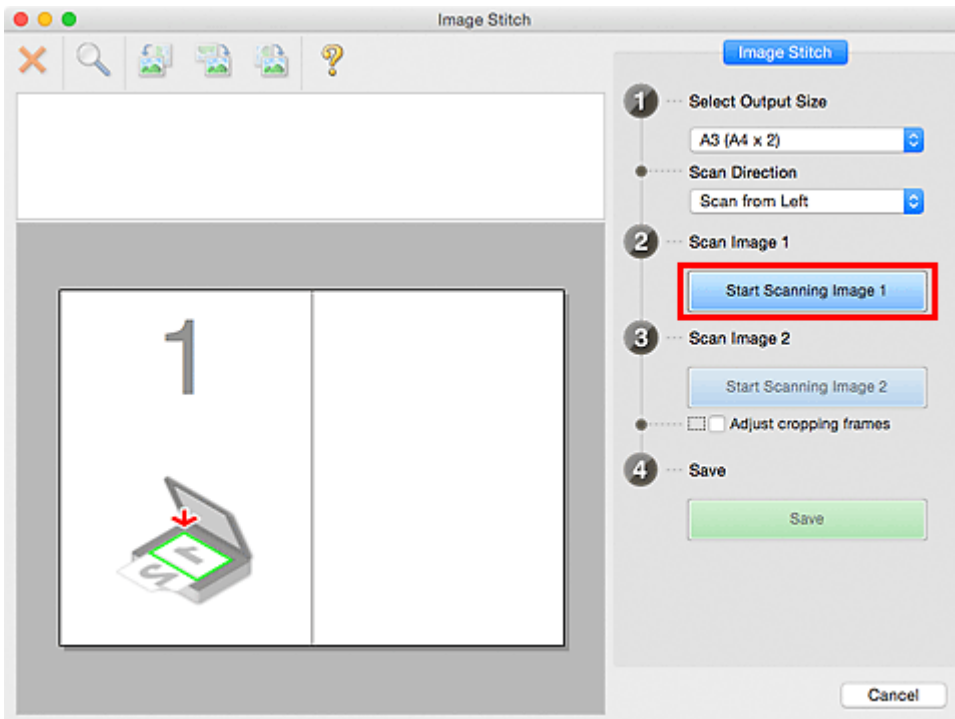


5. Make sure that **Scan from Left** is selected in **Scan Direction**.



6. Place the item that is to be displayed on the left side of the screen face-down on the platen.

7. Click **Start Scanning Image 1**.



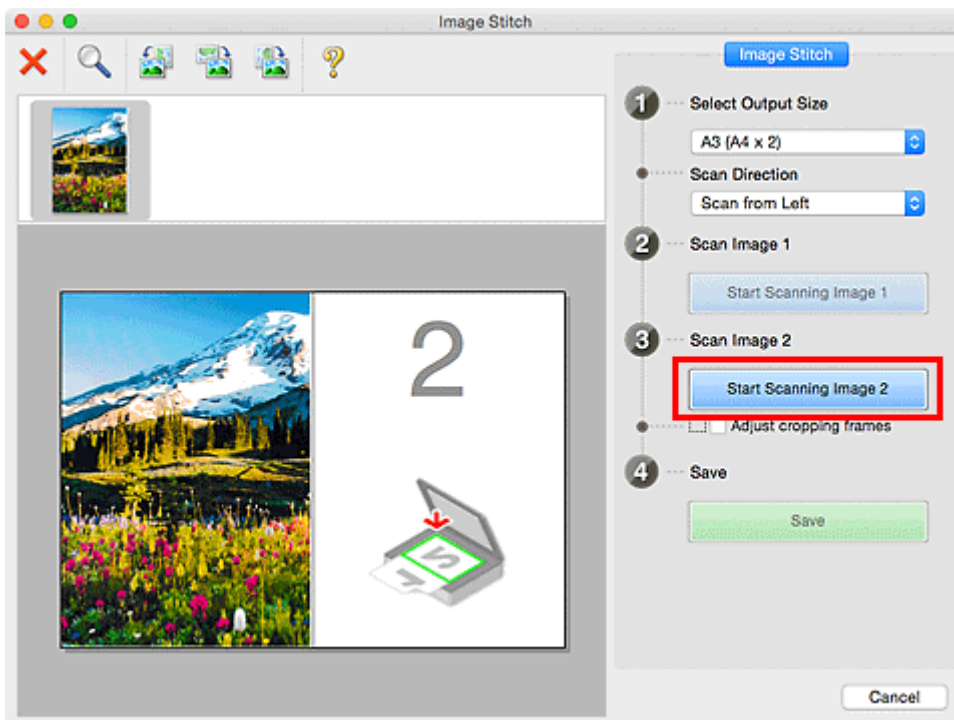
The first item is scanned and appears in 1.

►►► Note

- Click **Cancel** to cancel the scan.

8. Place the item that is to be displayed on the right side of the screen face-down on the platen.

9. Click **Start Scanning Image 2**.



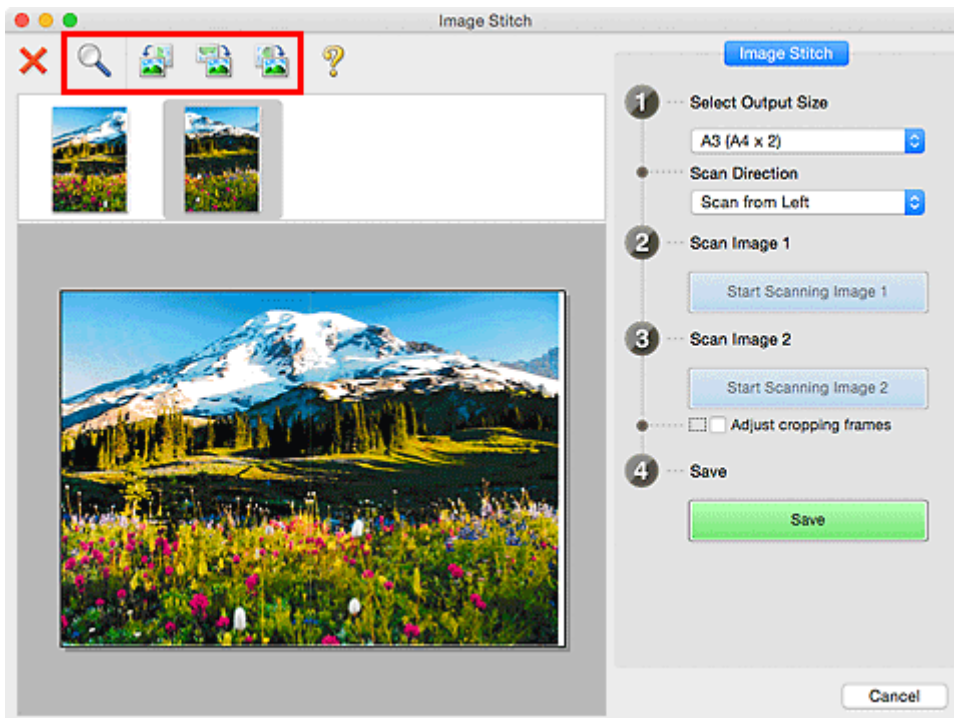
The second item is scanned and appears in 2.

►►► **Note**

- Click **Cancel** to cancel the scan.

10. Adjust the scanned images as required.


Use the Toolbar to rotate or zoom in/out, or drag the images to adjust their positions.



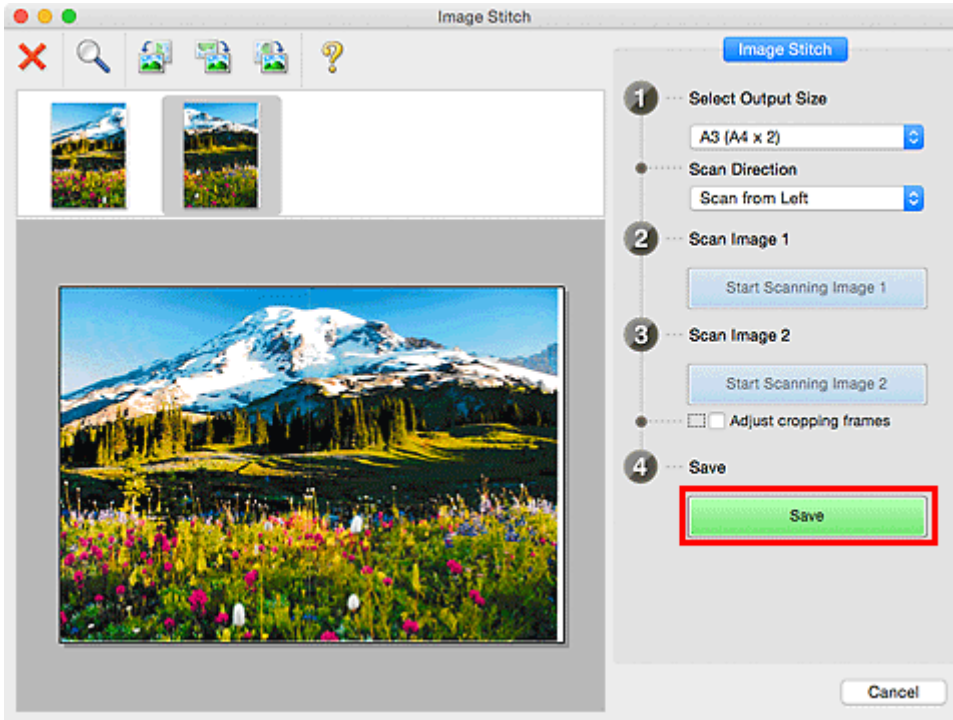
►►► **Note**

- Select the **Adjust cropping frames** checkbox to specify the area to be saved.

■ [Adjusting Cropping Frames in the Image Stitch Window](#)

- To scan an item again, select the image in the Preview area or the thumbnail at the top of the screen, then click  (Delete). The selected image is deleted, allowing you to scan the item again.

11. Click **Save**.



The combined image is saved.

▶▶▶ **Note**

- Refer to "[Image Stitch Window](#)" for details on the **Image Stitch** window.
- You can make advanced scan settings in the [Settings \(Scan and Stitch\) dialog](#) displayed by clicking **Settings....**

Adjusting Cropping Frames in the Image Stitch Window

"Cropping" is the act of selecting the area you want to keep in an image and discarding the rest when scanning it.

In the **Image Stitch** window, you can specify a cropping frame on the image displayed in the Preview area.

»» Note

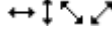
- Refer to Help of Image Capture for how to adjust the cropping frames (selection boxes) in the screen displayed by clicking **Driver** in the IJ Scan Utility main screen.

Initial Cropping Frame


No cropping frame is specified. When you select the **Adjust cropping frames** checkbox, an active cropping frame is automatically specified around the image in the Preview area. You can drag the cropping frame to specify the area.

When you perform a scan, the image in the area specified with the cropping frame will be scanned.

Adjusting a Cropping Frame

The cursor will change into  (Arrow) when it is positioned over a cropping frame. Click and drag the mouse to expand or contract the cropping frame.



The cursor will change into  (Hand) when it is positioned within a cropping frame. Click and drag the mouse to move the entire cropping frame.



Deleting Cropping Frames

To delete the cropping frame, deselect the **Adjust cropping frames** checkbox.

Scanning Multiple Originals at One Time

You can scan two or more photos (small items) placed on the platen at one time and save each image individually.

►►► Important

- The following types of items may not be scanned correctly. In that case, adjust the cropping frames (selection boxes; scan areas) in the screen displayed by clicking **Driver** in the IJ Scan Utility main screen and scan again.
 - Photos that have a whitish background
 - Items printed on white paper, hand-written documents, business cards, etc.
 - Thin items
 - Thick items

Using Auto Scan:

Whether there are multiple items or not is detected automatically. Click **Auto** in the IJ Scan Utility main screen and scan.

- [Easy Scanning with Auto Scan](#)

Not Using Auto Scan:

In the Settings dialog, set **Paper Size** to **Auto scan** and scan.

►►► Note

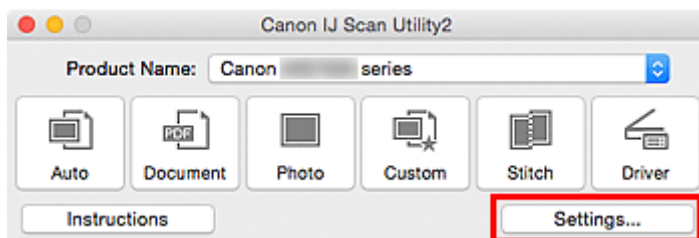
- The screens for scanning with favorite settings are used as examples in the following descriptions.

1. Place the items on the platen.

- [Positioning Originals \(Scanning from Computer\)](#)

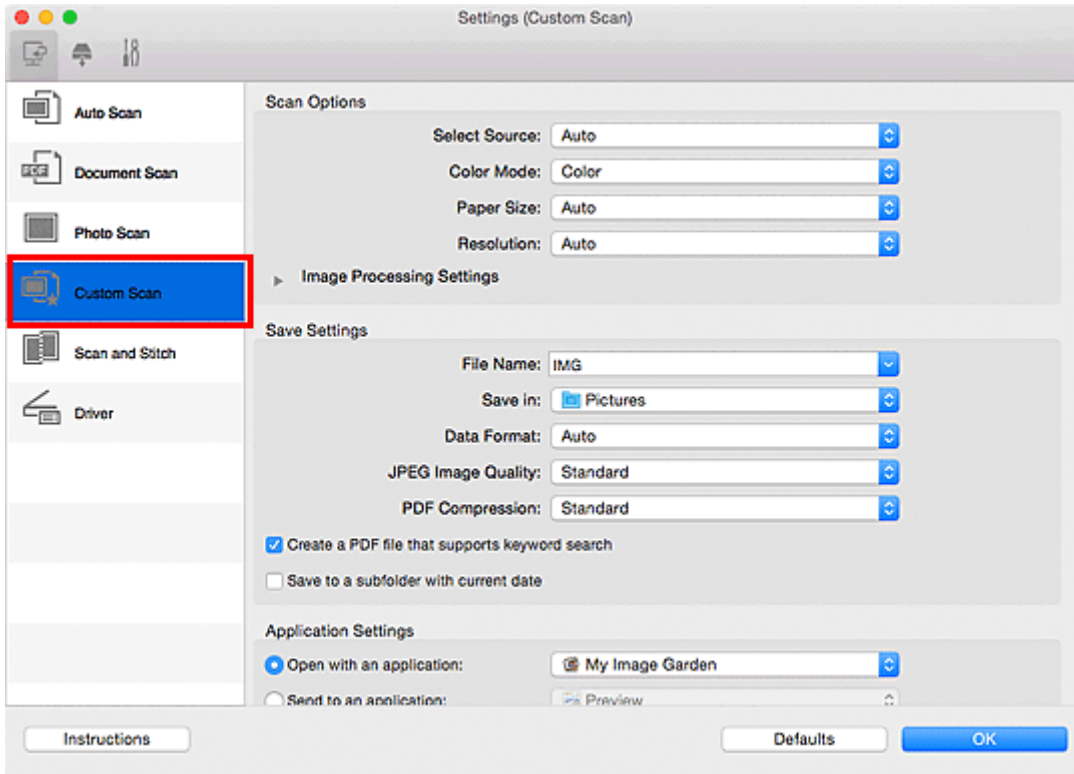
2. [Start IJ Scan Utility.](#)

3. Click **Settings....**

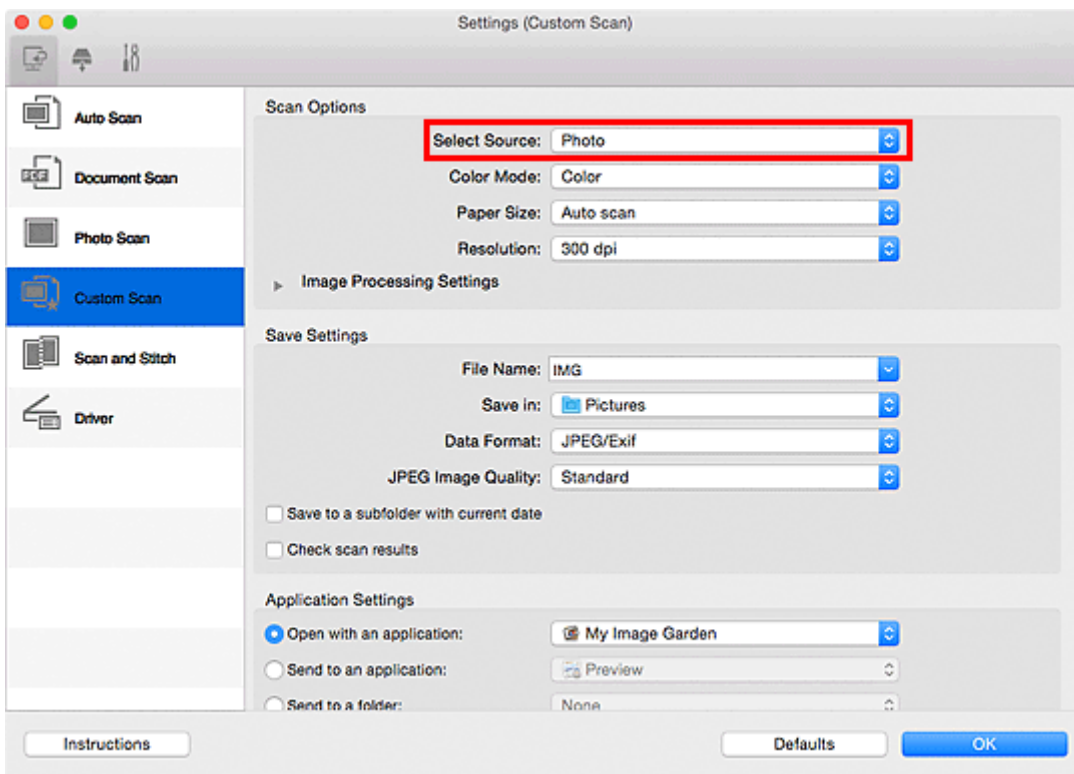


The Settings dialog appears.

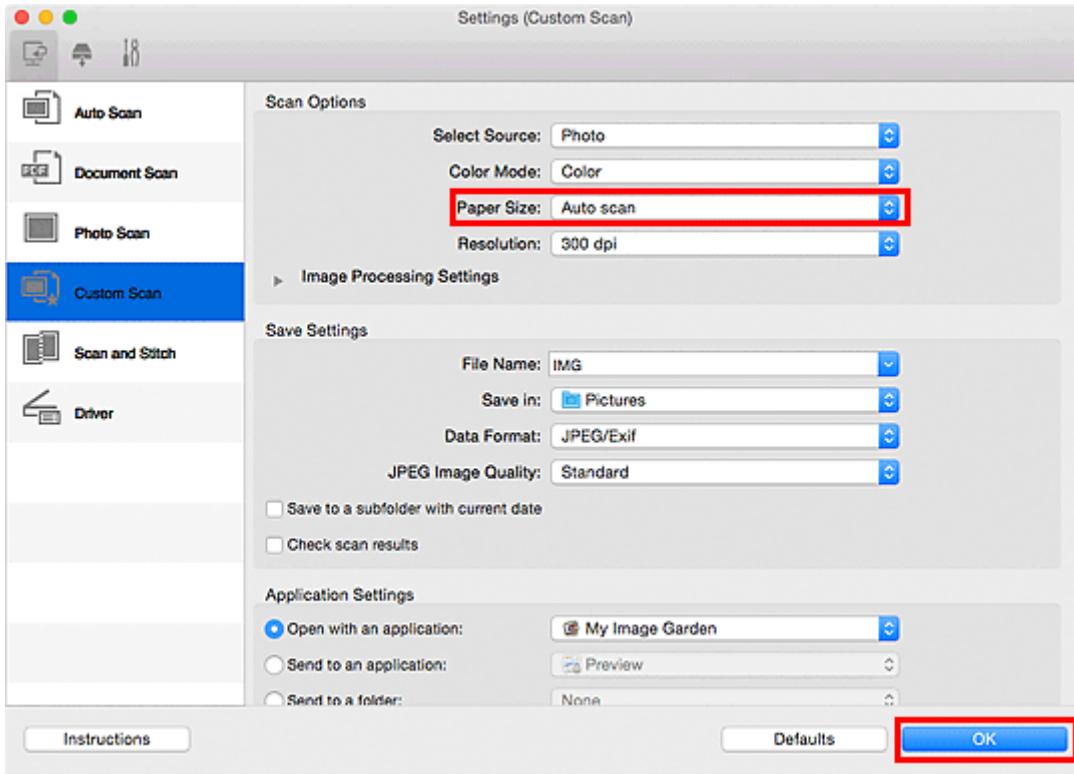
4. Click **Custom Scan**.



5. Select **Select Source** according to the items to be scanned.



6. Select **Auto scan** for **Paper Size**, then click **OK**.



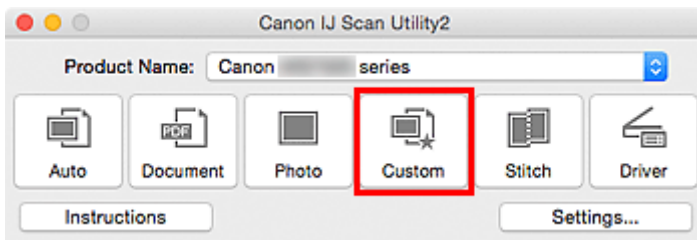
The IJ Scan Utility main screen appears.

»»» Note

- Refer to the following pages for details on the setting items in the Settings dialog.

- [Settings \(Document Scan\) Dialog](#)
- [Settings \(Photo Scan\) Dialog](#)
- [Settings \(Custom Scan\) Dialog](#)

7. Click **Custom**.



Multiple items are scanned at one time.

»»» Note

- Click **Cancel** to cancel the scan.
- Scanned images are saved in the folder set for **Save in** in the corresponding Settings dialog displayed by clicking **Settings...**. In each Settings dialog, you can also make advanced scan settings.

Saving after Checking Scan Results

You can check the scan results, then save the images to a computer.

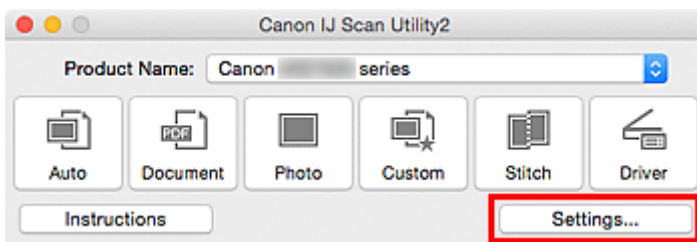
▶▶▶ Important

- You cannot check the scan results before saving when scanned using **Auto** scan or the operation panel.

▶▶▶ Note

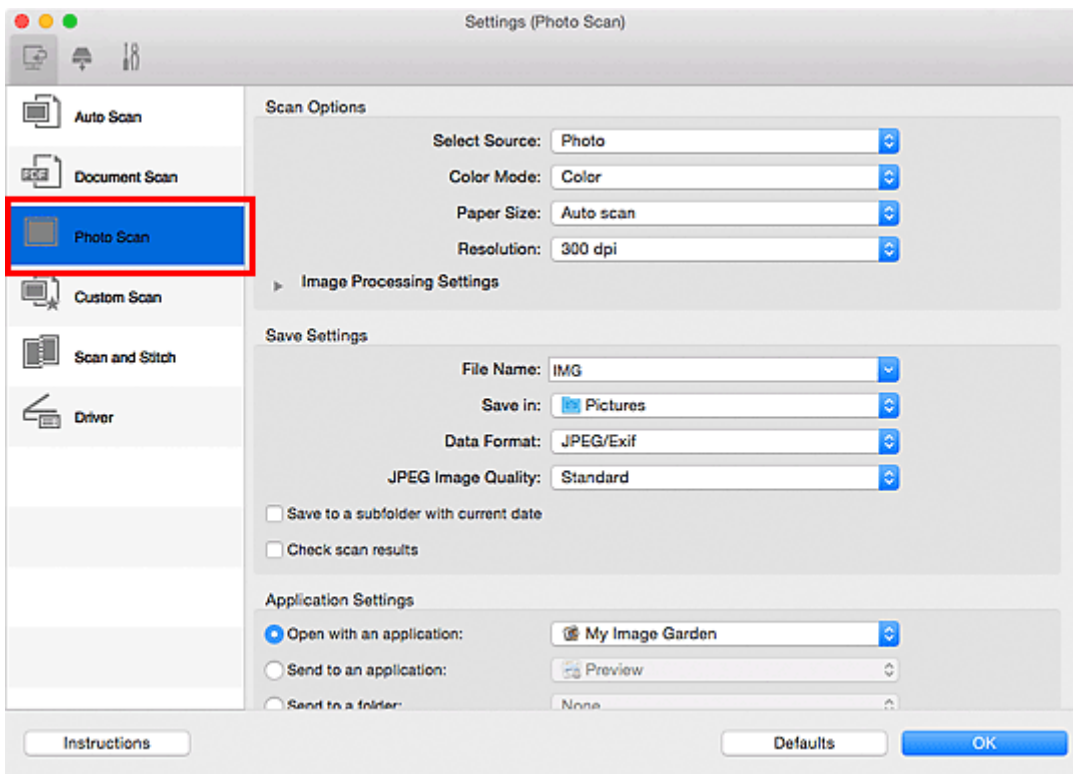
- The screens for scanning photos are used as examples in the following descriptions.

1. [Start IJ Scan Utility](#).
2. Click **Settings...**

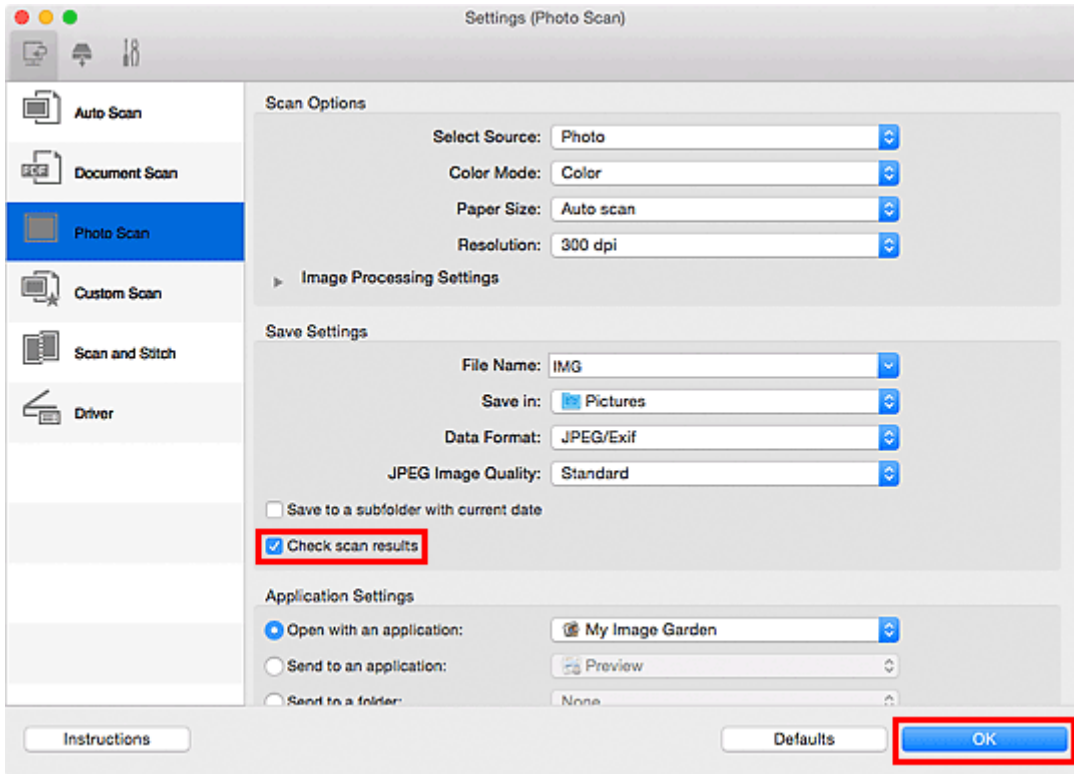


The [Settings dialog](#) appears.

3. Click **Photo Scan**.



4. Select the **Check scan results** checkbox, then click **OK**.



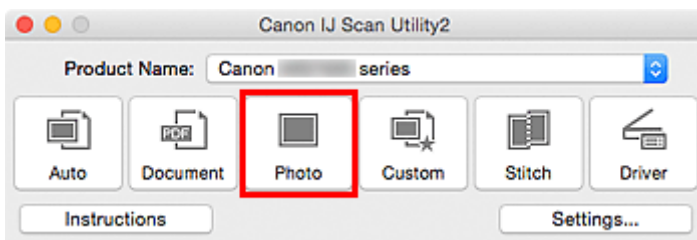
The IJ Scan Utility main screen appears.

►►► Note

- Refer to the following pages for details on the setting items in the Settings dialog.

- [Settings \(Document Scan\) Dialog](#)
- [Settings \(Photo Scan\) Dialog](#)
- [Settings \(Custom Scan\) Dialog](#)
- [Settings \(Scan and Stitch\) Dialog](#)
- [Settings \(Driver\) Dialog](#)

5. Click **Photo**.



Scanning starts.

When scanning is completed, the **Save Settings** dialog appears.

►►► Note

- Click **Cancel** to cancel the scan.

6. Change the image order or file save options as required.

You can change the image order or file save options in the [Save Settings dialog](#).

»» Note

- The default save folder is the **Pictures** folder.

7. Click **OK**.

Scanned images are saved according to the settings.

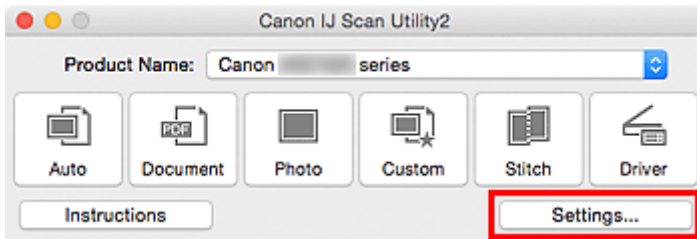
Sending Scanned Images via E-mail

You can send scanned images via e-mail.

►►► Note

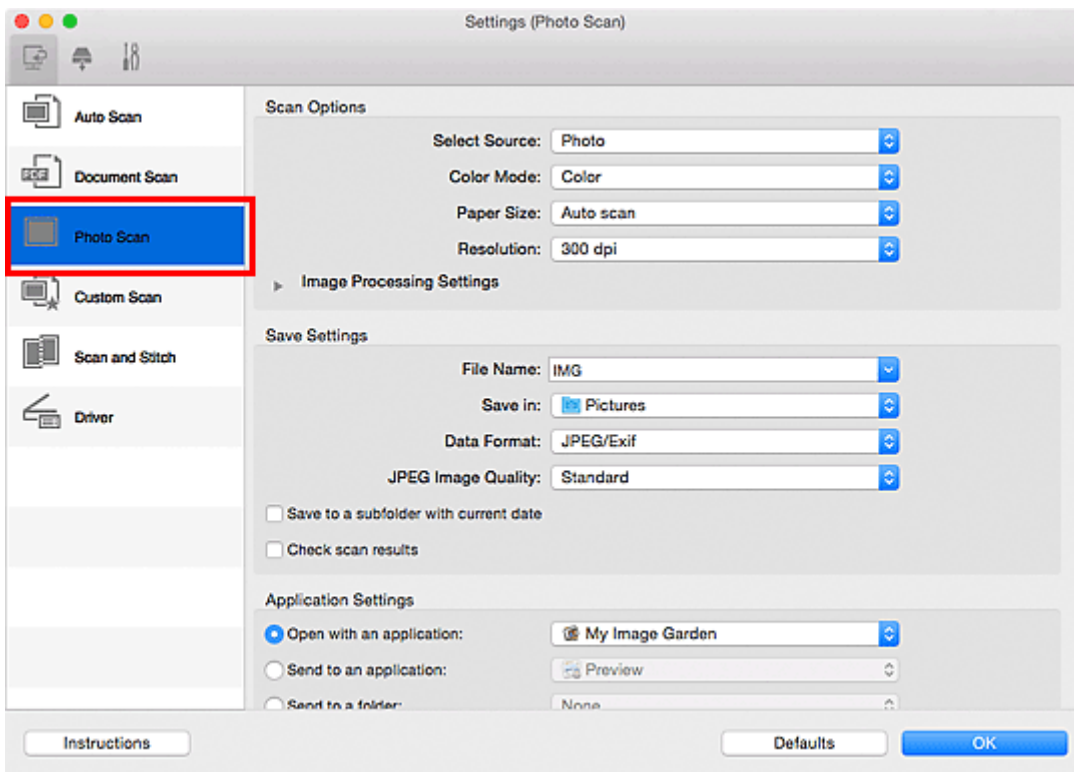
- The screens for scanning photos are used as examples in the following descriptions.

1. [Start IJ Scan Utility](#).
2. Click **Settings...**

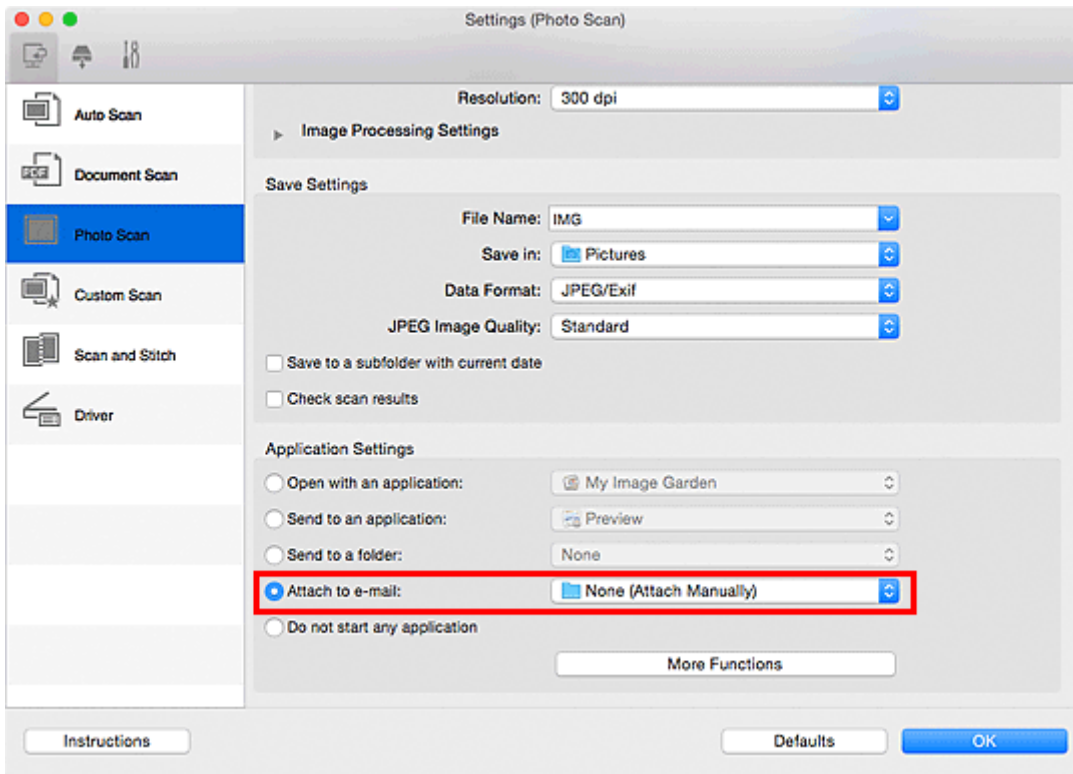


The [Settings dialog](#) appears.

3. Click **Photo Scan**.



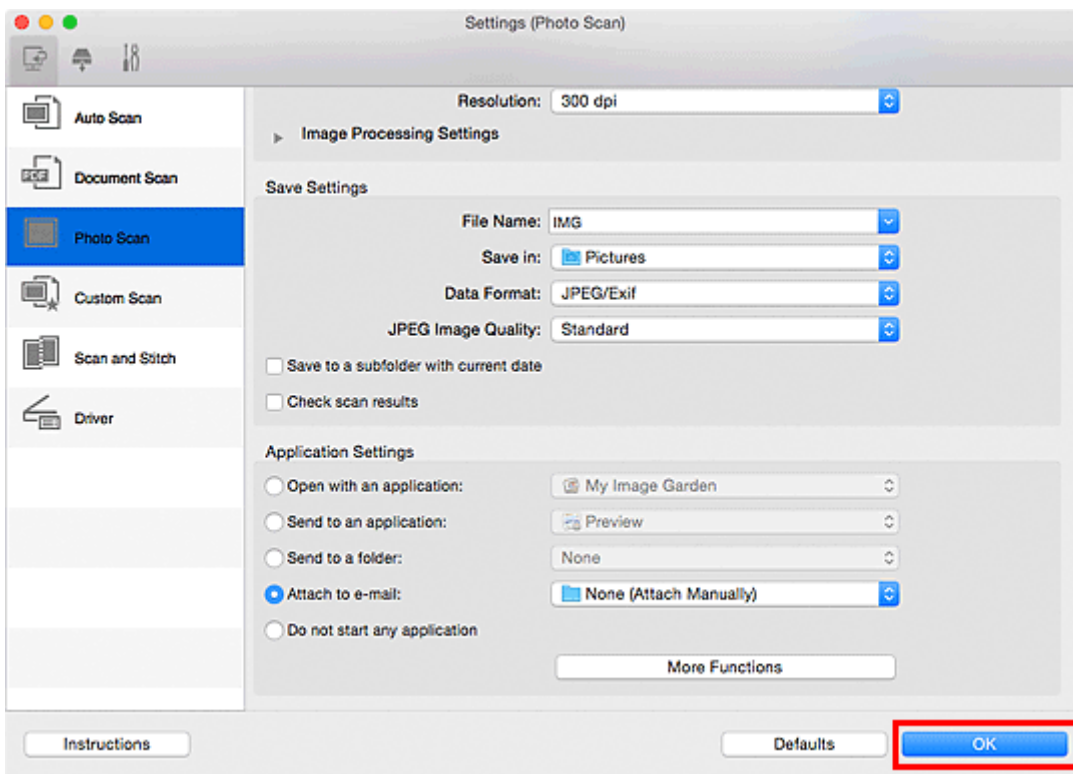
4. Select **Attach to e-mail** in **Application Settings**, then select an e-mail client.



►► Note

- You can add e-mail clients to use for attachments from the pop-up menu.
- If **None (Attach Manually)** is selected, manually attach scanned and saved images to e-mail.

5. Click **OK**.



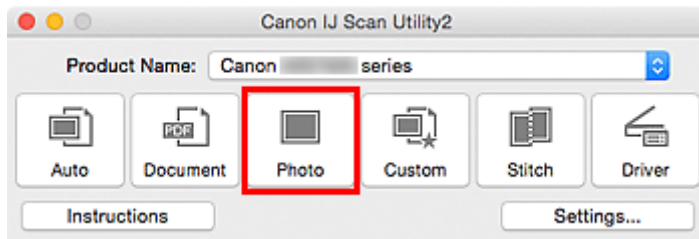
The IJ Scan Utility main screen appears.

▶▶▶ Note

- Refer to the following pages for details on the setting items in the Settings dialog.

- [Settings \(Auto Scan\) Dialog](#)
- [Settings \(Document Scan\) Dialog](#)
- [Settings \(Photo Scan\) Dialog](#)
- [Settings \(Custom Scan\) Dialog](#)
- [Settings \(Driver\) Dialog](#)

6. Click **Photo**.



Scanning starts.

When scanning is completed, the specified e-mail client starts and the images will be attached to a new message.

▶▶▶ Note

- Click **Cancel** to cancel the scan.
- The scanned images are saved according to the settings made in the Settings dialog.
- When the **Check scan results** checkbox is selected in the Settings dialog, the [Save Settings dialog](#) appears. After you set the save options and click **OK**, the scanned images are saved and automatically attached to a new message of the specified e-mail client.

7. Specify the recipient, enter the subject and message, then send e-mail.

Refer to the manual of your e-mail client for e-mail settings.

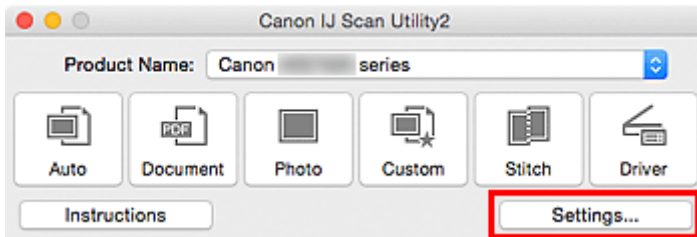
Extracting Text from Scanned Images (OCR)

Scan text in scanned magazines and newspapers and display it in your text editor.

►►► Note

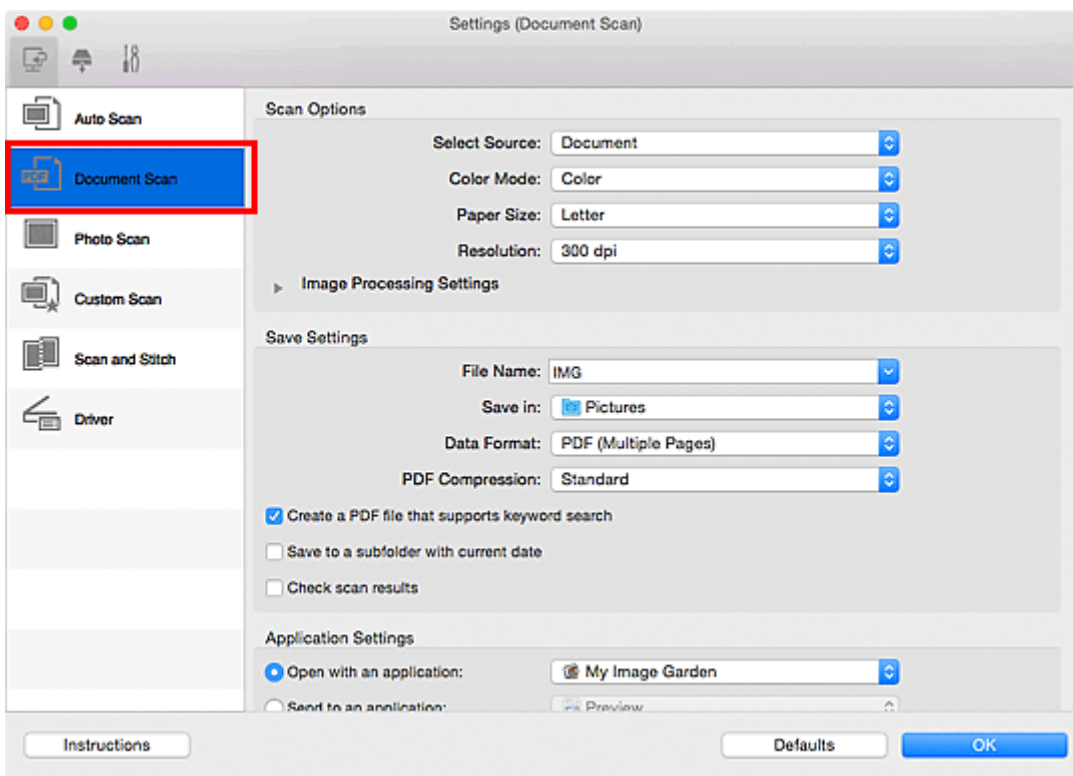
- You can extract text when scanning via **Document**, **Custom**, or **Driver**.
- The screens for scanning documents are used as examples in the following descriptions.

1. [Start IJ Scan Utility](#).
2. Click **Settings....**



The [Settings dialog](#) appears.

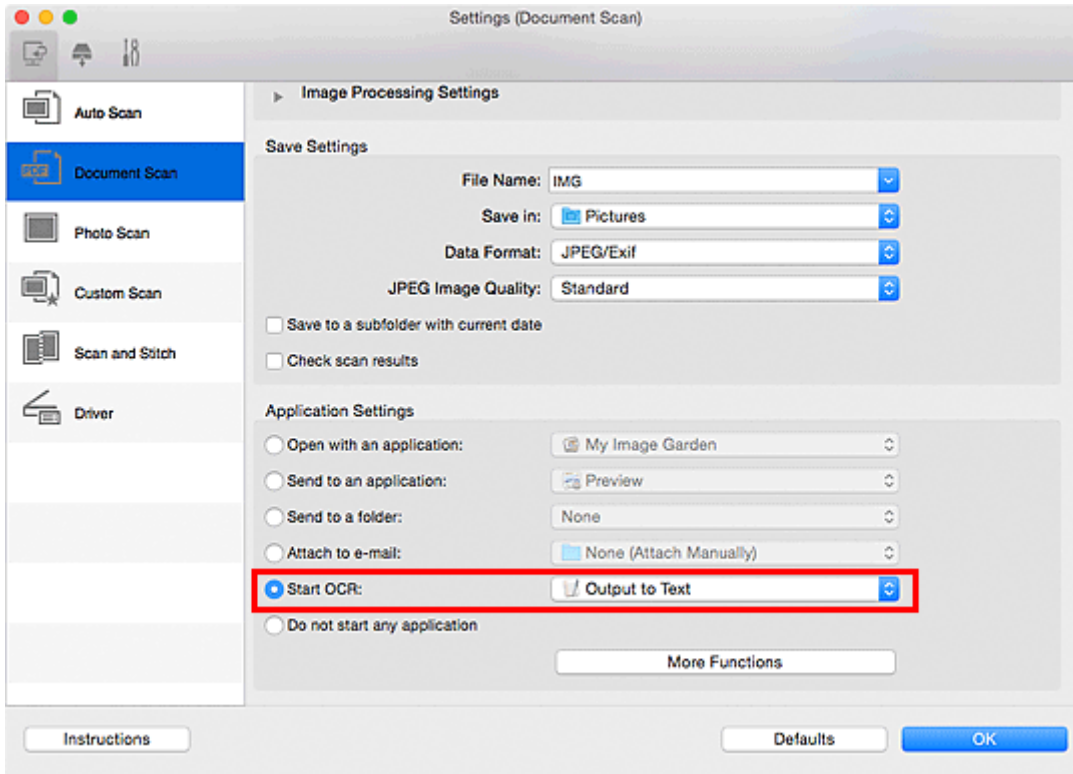
3. Click **Document Scan**.



►►► Note

- For **Resolution**, only **300 dpi** or **400 dpi** can be set when **Start OCR** is selected in **Application Settings**.

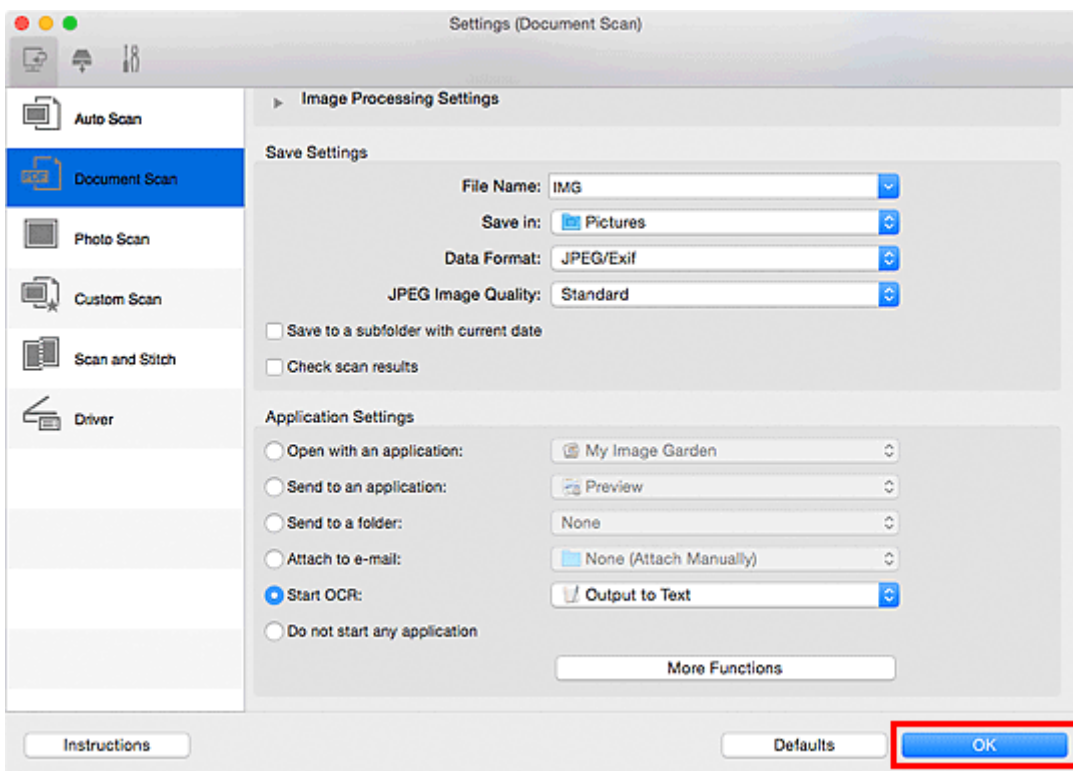
4. Select **Start OCR** for **Application Settings**, then select the application in which you want to display the result.



►►► Note

- If a compatible application is not installed, the text in the image is extracted and appears in your text editor.
Text to be displayed is based on **Document Language** in the [Settings \(General Settings\) dialog](#). Select the language you want to extract in **Document Language** and scan.
- You can add the application from the pop-up menu.

5. Click **OK**.

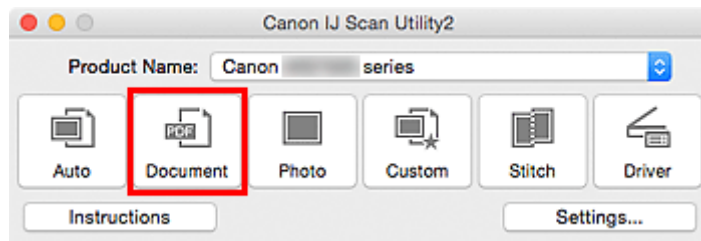


The IJ Scan Utility main screen appears.

▶▶▶ Note

- Refer to the following pages for details on the setting items in the Settings dialog.
 - [Settings \(Document Scan\) Dialog](#)
 - [Settings \(Custom Scan\) Dialog](#)
 - [Settings \(Driver\) Dialog](#)

6. Click **Document**.



Scanning starts.

When scanning is completed, the scanned images are saved according to the settings, and the extracted text appears in the specified application.

▶▶▶ Note

- Click **Cancel** to cancel the scan.
- Text displayed in your text editor is for guidance only. Text in the image of the following types of documents may not be detected correctly.
 - Documents containing text with font size outside the range of 8 points to 40 points (at 300 dpi)
 - Slanted documents
 - Documents placed upside down or documents with text in the wrong orientation (rotated characters)
 - Documents containing special fonts, effects, italics, or hand-written text
 - Documents with narrow line spacing
 - Documents with colors in the background of text
 - Documents containing multiple languages

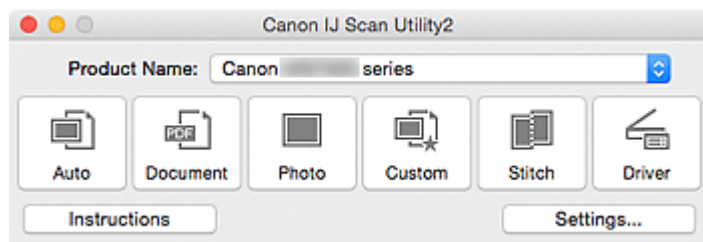
IJ Scan Utility Screens

- ▶ **IJ Scan Utility Main Screen**
- ▶ **Settings Dialog**
 - **Settings (Auto Scan) Dialog**
 - **Settings (Document Scan) Dialog**
 - **Settings (Photo Scan) Dialog**
 - **Settings (Custom Scan) Dialog**
 - **Settings (Scan and Stitch) Dialog**
 - **Settings (Driver) Dialog**
 - **Settings (Save to PC (Auto)) Dialog**
 - **Settings (Save to PC (Document)) Dialog**
 - **Settings (Save to PC (Photo)) Dialog**
 - **Settings (Attach to E-mail (Auto)) Dialog**
 - **Settings (Attach to E-mail (Document)) Dialog**
 - **Settings (Attach to E-mail (Photo)) Dialog**
 - **Settings (General Settings) Dialog**
- ▶ **Network Selection Screen**
- ▶ **Save Settings Dialog**
- ▶ **Image Stitch Window**

IJ Scan Utility Main Screen

From the **Go** menu of Finder, select **Applications**, then double-click the **Canon Utilities** folder, **IJ Scan Utility** folder, and then **Canon IJ Scan Utility2** icon to start IJ Scan Utility.

You can complete from scanning to saving at one time by simply clicking the corresponding icon.



Product Name

Displays the name of the product that IJ Scan Utility is currently set to use.

If the displayed product is not the one you want to use, select the desired product from the list.

In addition, for network connection, select one with "Network" after the product name.

»» Note

- Refer to "[Network Scan Settings](#)" for how to set up a network environment.

Auto

Detects the item type automatically and saves them to a computer. The data format for saving will also be set automatically.

Save settings and the response after scanning can be specified in the [Settings \(Auto Scan\) dialog](#).

Document

Scans items as documents and saves them to a computer.

Scan/save settings and the response after scanning can be specified in the [Settings \(Document Scan\) dialog](#).

Photo

Scans items as photos and saves them to a computer.

Scan/save settings and the response after scanning can be specified in the [Settings \(Photo Scan\) dialog](#).

Custom

Scans items with your favorite settings and saves the images to a computer. The item type can be automatically detected.

Scan/save settings and the response after scanning can be specified in the [Settings \(Custom Scan\) dialog](#).

Stitch

Displays the **Image Stitch** window in which you can scan the left and right halves of an item larger than the platen and combine the scanned images back into one image.

Scan/save settings and the response after scanning can be specified in the [Settings \(Scan and Stitch\) dialog](#).

Driver

Allows you to make image corrections and color adjustments when scanning.

Scan/save settings and the response after scanning can be specified in the [Settings \(Driver\) dialog](#).




Instructions

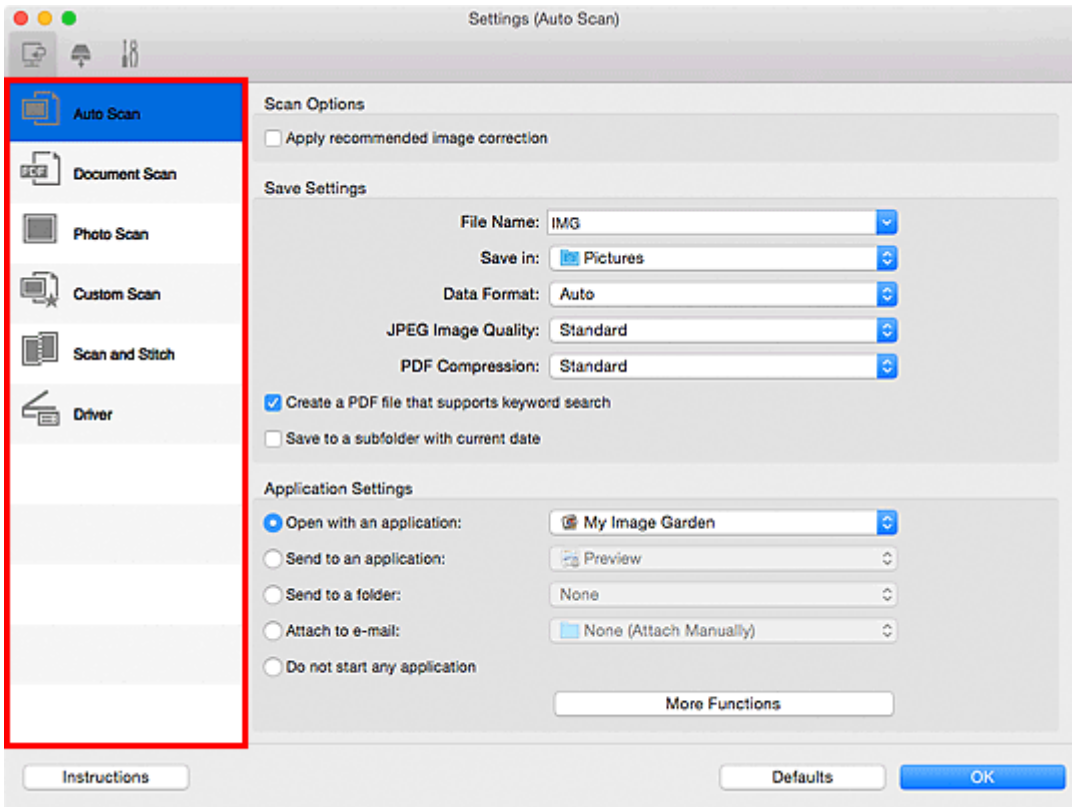
Opens this guide.

Settings...

Displays the [Settings dialog](#) in which you can specify the scan/save settings and the response after scanning.

Settings Dialog

There are three tabs in the Settings dialog:  (Scanning from a Computer),  (Scanning from the Operation Panel), and  (General Settings). When you click a tab, the view in the red frame switches and you can make advanced settings to functions on each tab.



(Scanning from a Computer) Tab

You can specify how to respond when scanning from IJ Scan Utility or My Image Garden.


- [Settings \(Auto Scan\) Dialog](#)
- [Settings \(Document Scan\) Dialog](#)
- [Settings \(Photo Scan\) Dialog](#)
- [Settings \(Custom Scan\) Dialog](#)
- [Settings \(Scan and Stitch\) Dialog](#)
- [Settings \(Driver\) Dialog](#)

(Scanning from the Operation Panel) Tab

You can specify how to respond when scanning from the operation panel.

- [Settings \(Save to PC \(Auto\)\) Dialog](#)
- [Settings \(Save to PC \(Document\)\) Dialog](#)
- [Settings \(Save to PC \(Photo\)\) Dialog](#)
- [Settings \(Attach to E-mail \(Auto\)\) Dialog](#)
- [Settings \(Attach to E-mail \(Document\)\) Dialog](#)
- [Settings \(Attach to E-mail \(Photo\)\) Dialog](#)

»» Important

- When the Settings dialog is displayed from My Image Garden, the  (Scanning from the Operation Panel) tab does not appear.




(General Settings) Tab

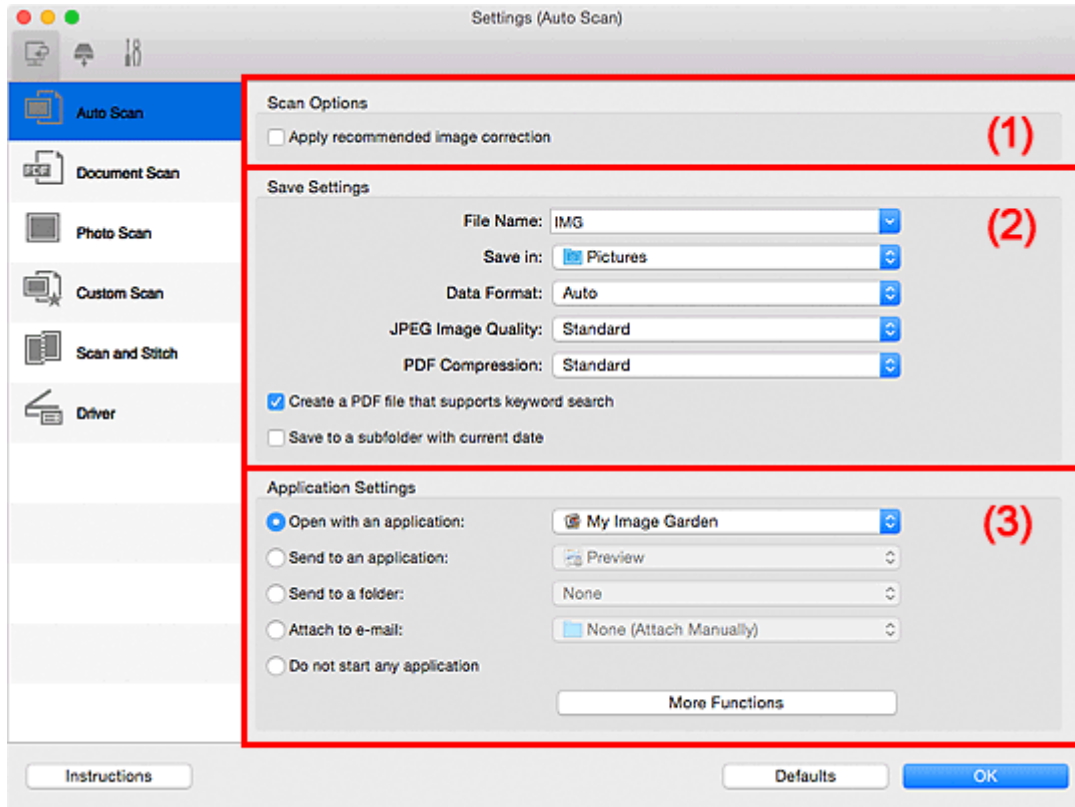
You can set the product to use, file size restriction on e-mail attachment, language to detect text in images, and folder in which to save images temporarily.

■ [Settings \(General Settings\) Dialog](#)

Settings (Auto Scan) Dialog

Click **Auto Scan** on the  (Scanning from a Computer) tab to display the **Settings (Auto Scan)** dialog.

In the **Settings (Auto Scan)** dialog, you can make advanced scan settings to scan by automatically detecting the item type.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

»»» Important

- When the Settings dialog is displayed from My Image Garden, the setting items for **Application Settings** do not appear.

Supported Items

Photos, postcards, business cards, magazines, newspapers, documents, and BD/DVD/CD.

»»» Important

- To scan the following types of items, specify the item type and size in the **Settings (Document Scan)** dialog, **Settings (Photo Scan)** dialog, or **Settings (Custom Scan)** dialog, then click **Photo**, **Document**, or **Custom** in the IJ Scan Utility main screen. You cannot scan correctly with **Auto**.
 - A4 size photos
 - Text documents smaller than 2L (5 inches x 7 inches) (127 mm x 178 mm), such as paperback pages with the spine cut off
 - Items printed on thin white paper
 - Long narrow items such as panoramic photos
- Reflective disc labels may not be scanned as expected.
- Place items to be scanned on the platen correctly. Otherwise, items may not be scanned correctly.

Refer to "[Positioning Originals \(Scanning from Computer\)](#)" for how to place items.

►► Note

- To reduce moire in scans, set **Select Source** to **Magazine** in the **Settings (Document Scan)** dialog or **Settings (Custom Scan)** dialog, then click **Document** or **Custom** in the IJ Scan Utility main screen.

(1) Scan Options Area

Apply recommended image correction

Applies suitable corrections automatically based on the item type.

►► Important

- The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

►► Note

- Scanning takes longer than usual when you enable this function.

(2) Save Settings Area

File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

►► Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

►► Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

Data Format

Auto is selected. The following data formats are automatically applied according to the item type when saving.

- Photos, postcards, BD/DVD/CD, and business cards: JPEG
- Magazines, newspapers, and documents: PDF

►► Important

- The save format may differ depending on how you place the item.

■ [Positioning Originals \(Scanning from Computer\)](#)

JPEG Image Quality

You can specify the image quality of JPEG files.

PDF Compression

Select the compression type for saving PDF files.

Standard

It is recommended that you normally select this setting.


High

Compresses the file size when saving, allowing you to reduce the load on your network/server.

Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

►►► Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

(3) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder

Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Attach to e-mail

Select this when you want to send e-mails with the scanned images attached.

You can specify the e-mail client you want to start from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

►►► Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click



(Plus) in the displayed dialog and specify the application or folder.


Instructions

Opens this guide.

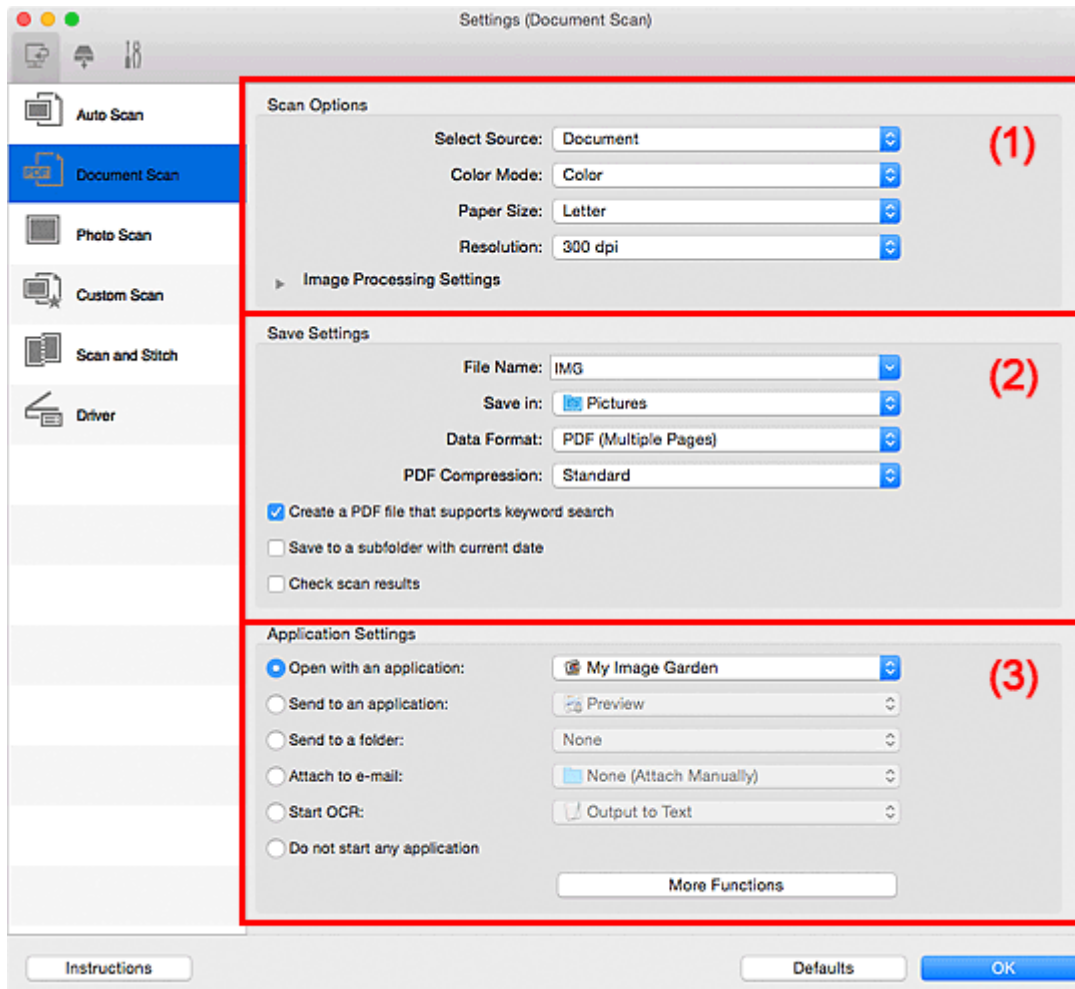
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Document Scan) Dialog

Click **Document Scan** on the  (Scanning from a Computer) tab to display the **Settings (Document Scan)** dialog.

In the **Settings (Document Scan)** dialog, you can make advanced scan settings to scan items as documents.



■ [\(1\) Scan Options Area](#)

■ [\(2\) Save Settings Area](#)

■ [\(3\) Application Settings Area](#)

▶▶▶ Important

- When the Settings dialog is displayed from the Scan screen of My Image Garden, the setting items for **Application Settings** do not appear.

(1) Scan Options Area

Select Source

Select the type of item to be scanned.

- Scanning documents: **Document**
- Scanning magazines: **Magazine**

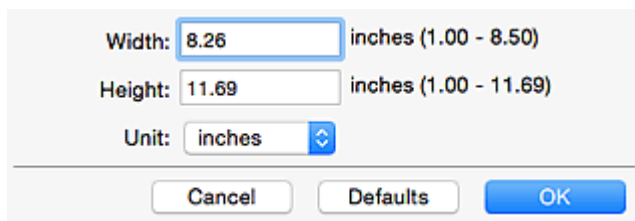
Color Mode


Select the color mode in which to scan the item.

Paper Size

Select the size of the item to be scanned.

When you select **Custom**, a screen in which you can specify the paper size appears. Select a **Unit**, then enter the **Width** and **Height**, and then click **OK**.



Width: inches (1.00 - 8.50)
Height: inches (1.00 - 11.69)
Unit: 

►►► Note

- Click **Defaults** to restore the specified settings to the default settings.

Resolution

Select the resolution of the item to be scanned.


The higher the resolution (value), the more detail in your image.

■ [Resolution](#)

►►► Note

- Only **300 dpi** or **400 dpi** can be set when **Start OCR** is selected in **Application Settings**.

Image Processing Settings

Click  (Right Arrow) to set the following.

►►► Note

- When **Color Mode** is **Black and White**, only **Reduce gutter shadow**, **Correct slanted text document**, and **Detect the orientation of text document and rotate image** appear.

Apply Auto Document Fix

Select this checkbox to sharpen text in a document or magazine for better readability.

►►► Important

- The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

►►► Note

- Scanning takes longer than usual when you enable this function.

Sharpen outline

Emphasizes the outline of the subjects to sharpen the image.

Reduce show-through

Sharpens text in an item or reduces show-through in newspapers, etc.

Reduce moire

Reduces moire patterns.

Printed materials are displayed as a collection of fine dots. "Moire" is a phenomenon where uneven gradation or a stripe pattern appears when such photos or pictures printed with fine dots are scanned.

»» Note

- Scanning takes longer than usual when you enable **Reduce moire**.

Reduce gutter shadow

Reduces gutter shadows that appear between pages when scanning open booklets.

»» Note

- Click **Driver** in the IJ Scan Utility main screen and scan to correct gutter shadows when scanning non-standard size items or specified areas.
Refer to "[Gutter Correction](#)" for details.
- When you enable this function, scanning may take longer than usual with network connection.

Correct slanted text document

Detects the scanned text and corrects the angle (within -0.1 to -10 degrees or +0.1 to +10 degrees) of the document.

»» Important

- The following types of documents may not be corrected properly since the text cannot be detected correctly.
 - Documents in which the text lines are inclined more than 10 degrees or the angles vary by line
 - Documents containing both vertical and horizontal text
 - Documents with extremely large or small fonts
 - Documents with small amount of text
 - Documents containing figures/images
 - Hand-written text
 - Documents containing both vertical and horizontal lines (tables)

»» Note

- Scanning takes longer than usual when you enable **Correct slanted text document**.

Detect the orientation of text document and rotate image

Automatically rotates the image to the correct orientation by detecting the orientation of text in the scanned document.

»» Important

- Only text documents written in the language selected from **Document Language** in the [Settings \(General Settings\) dialog](#) are supported.
- The orientation may not be detected for the following types of settings or documents since the text cannot be detected correctly.
 - Resolution is outside the range of 300 dpi to 600 dpi
 - Font size is outside the range of 8 points to 48 points
 - Documents containing special fonts, effects, italics, or hand-written text
 - Documents with patterned backgrounds

In that case, select the **Check scan results** checkbox and rotate the image in the [Save Settings dialog](#).

(2) Save Settings Area

File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

▶▶▶ Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

▶▶▶ Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

Data Format

Select the data format in which to save the scanned images.

You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, or **PDF (Multiple Pages)**.

▶▶▶ Important

- You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.
- When **Start OCR** is selected in **Application Settings**, you cannot select **PDF** or **PDF (Multiple Pages)**.

▶▶▶ Note

- With network connection, scanning may take longer than usual when you set **TIFF** or **PNG** in **Data Format**.

PDF Compression

Select the compression type for saving PDF files.

Standard

It is recommended that you normally select this setting.

High

Compresses the file size when saving, allowing you to reduce the load on your network/server.

▶▶▶ Important

- This appears only when **PDF** or **PDF (Multiple Pages)** is selected in **Data Format**.
- When **Black and White** is selected in **Color Mode**, this option does not appear.

JPEG Image Quality

You can specify the image quality of JPEG files.

▶▶▶ Important

- This appears only when **JPEG/Exif** is selected in **Data Format**.


Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

»» Important

- This appears only when **PDF** or **PDF (Multiple Pages)** is selected in **Data Format**.

»» Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

Check scan results

Displays the [Save Settings dialog](#) after scanning.

»» Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

(3) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder

Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Attach to e-mail

Select this when you want to send e-mails with the scanned images attached.

You can specify the e-mail client you want to start from the pop-up menu.

Start OCR

Select this when you want to convert text in the scanned image into text data.

You can specify the application from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

»» Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click



(Plus) in the displayed dialog and specify the application or folder.

Instructions

Opens this guide.

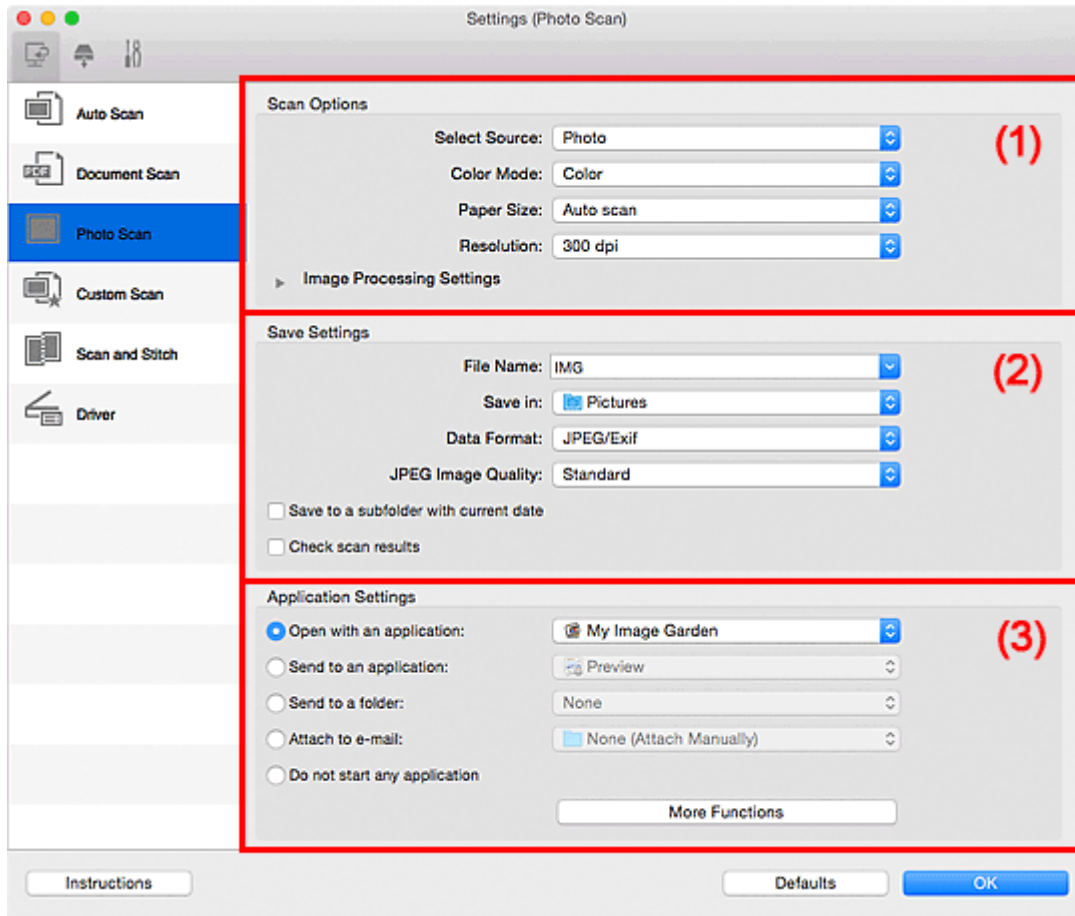
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Photo Scan) Dialog

Click **Photo Scan** on the  (Scanning from a Computer) tab to display the **Settings (Photo Scan)** dialog.

In the **Settings (Photo Scan)** dialog, you can make advanced scan settings to scan items as photos.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

»»» Important

- When the Settings dialog is displayed from My Image Garden, the setting items for **Application Settings** do not appear.

(1) Scan Options Area

Select Source

Photo is selected.

Color Mode

Select the color mode in which to scan the item.

Paper Size

Select the size of the item to be scanned.

When you select **Custom**, a screen in which you can specify the paper size appears. Select a **Unit**, then enter the **Width** and **Height**, and then click **OK**.

Width: 8.26 inches (1.00 - 8.50)
Height: 11.69 inches (1.00 - 11.69)
Unit: inches

Cancel Defaults OK

»»» Note

- Click **Defaults** to restore the specified settings to the default settings.


Resolution

Select the resolution of the item to be scanned.

The higher the resolution (value), the more detail in your image.

■ [Resolution](#)

Image Processing Settings

Click  (Right Arrow) to set the following.

»»» Important

- When **Color Mode** is **Black and White**, **Image Processing Settings** is not available.

Sharpen outline

Emphasizes the outline of the subjects to sharpen the image.

(2) Save Settings Area


File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

»»» Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

»»» Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

Data Format

Select the data format in which to save the scanned images.

You can select **JPEG/Exif**, **TIFF**, or **PNG**.

»»» Important

- You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.

»»» Note

- With network connection, scanning may take longer than usual when you set **TIFF** or **PNG** in **Data Format**.

JPEG Image Quality

You can specify the image quality of JPEG files.

»»» Important

- This appears only when **JPEG/Exif** is selected in **Data Format**.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

Check scan results

Displays the [Save Settings dialog](#) after scanning.

»»» Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

(3) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder

Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Attach to e-mail


Select this when you want to send e-mails with the scanned images attached.

You can specify the e-mail client you want to start from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

»»» Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the application or folder.


Instructions

Opens this guide.

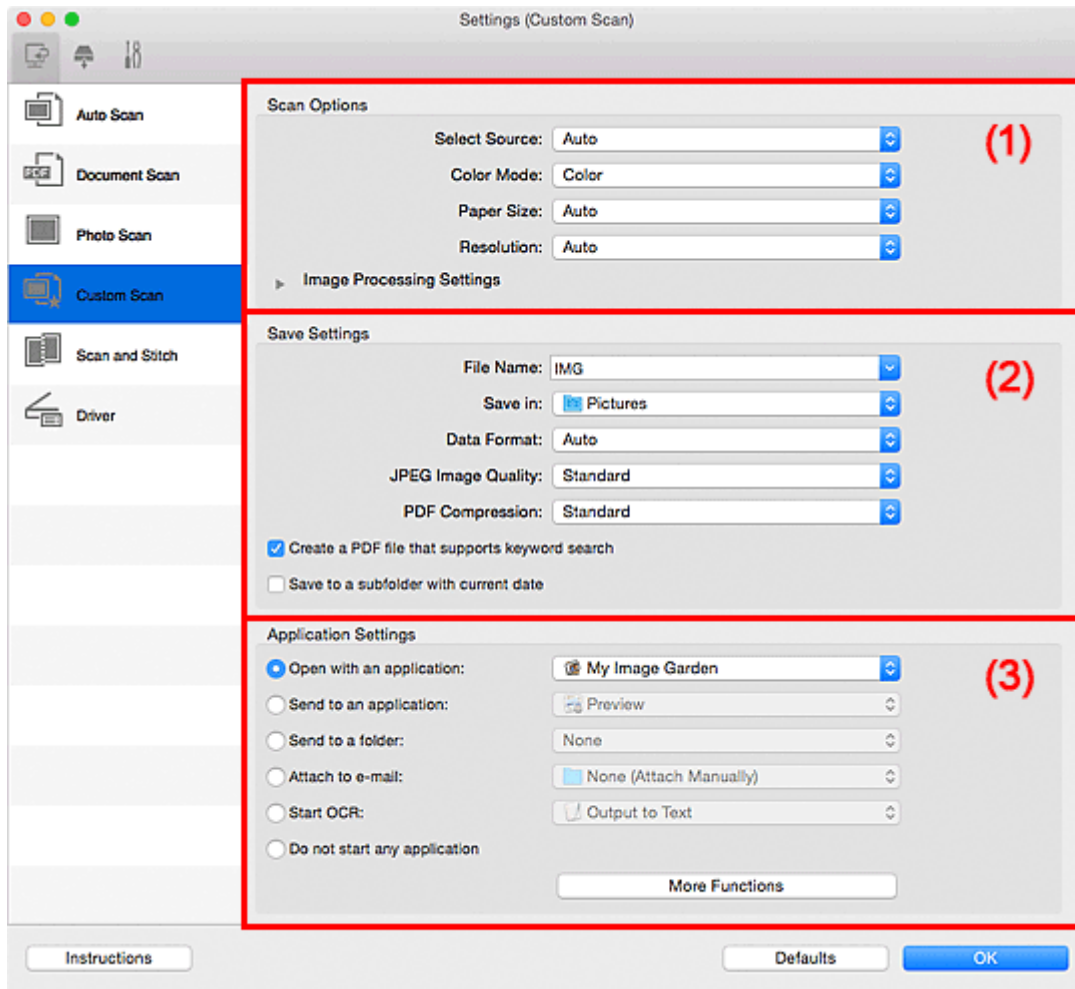
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Custom Scan) Dialog

Click **Custom Scan** on the  (Scanning from a Computer) tab to display the **Settings (Custom Scan)** dialog.

In the **Settings (Custom Scan)** dialog, you can make advanced scan settings to scan according to your preference.



■ [\(1\) Scan Options Area](#)

■ [\(2\) Save Settings Area](#)

■ [\(3\) Application Settings Area](#)

▶▶▶ Important

- When the Settings dialog is displayed from the Scan screen of My Image Garden, the setting items for **Application Settings** do not appear.

(1) Scan Options Area

Select Source

Select the type of item to be scanned. Select **Auto** to detect the item type automatically and to set **Color Mode**, **Paper Size**, and **Resolution** automatically as well.

▶▶▶ Important

- Item types supported by **Auto** are photos, postcards, business cards, magazines, newspapers, documents, and BD/DVD/CD.

- To scan the following types of items, specify the item type or size. You cannot scan correctly with **Auto**.
 - A4 size photos
 - Text documents smaller than 2L (5 inches x 7 inches) (127 mm x 178 mm), such as paperback pages with the spine cut off
 - Items printed on thin white paper
 - Long narrow items such as panoramic photos
 - Reflective disc labels may not be scanned as expected.
 - Place items correctly according to the type of item to be scanned. Otherwise, items may not be scanned correctly.
- Refer to "[Positioning Originals \(Scanning from Computer\)](#)" for how to place items.

►►► Note

- To convert text in the image into text data after scanning, specify **Select Source** instead of selecting **Auto**.
- To reduce moire, set **Select Source** to **Magazine** or select the **Reduce moire** checkbox in **Image Processing Settings**.

Color Mode

Select the color mode in which to scan the item.

►►► Note

- Only **Color** is available when **Select Source** is **Auto**.

Paper Size

Select the size of the item to be scanned.

When you select **Custom**, a screen in which you can specify the paper size appears. Select a **Unit**, then enter the **Width** and **Height**, and then click **OK**.

Width: inches (1.00 - 8.50)
 Height: inches (1.00 - 11.69)
 Unit:

►►► Note

- Only **Auto** is available when **Select Source** is **Auto**.
- Click **Defaults** in the screen in which you can specify the paper size to restore the specified settings to the default settings.

Resolution

Select the resolution of the item to be scanned.

The higher the resolution (value), the more detail in your image.

■ [Resolution](#)

►►► Note

- Only **Auto** is available when **Select Source** is **Auto**.
- Only **300 dpi** or **400 dpi** can be set when **Start OCR** is selected in **Application Settings**.

Image Processing Settings

Click  (Right Arrow) to set the following. Available setting items vary by **Select Source**.

- **When Select Source is Auto:**

Apply recommended image correction

Applies suitable corrections automatically based on the item type.

Important

- The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

Note

- Scanning takes longer than usual when you enable this function.

- **When Select Source is Photo:**

Important

- When **Color Mode** is **Black and White**, **Image Processing Settings** is not available.

Sharpen outline

Emphasizes the outline of the subjects to sharpen the image.

- **When Select Source is Magazine or Document:**

Note

- When **Color Mode** is **Black and White**, only **Reduce gutter shadow**, **Correct slanted text document**, and **Detect the orientation of text document and rotate image** appear.

Apply Auto Document Fix

Select this checkbox to sharpen text in a document or magazine for better readability.

Important

- The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

Note

- Scanning takes longer than usual when you enable this function.

Sharpen outline

Emphasizes the outline of the subjects to sharpen the image.

Reduce show-through

Sharpens text in an item or reduces show-through in newspapers, etc.

Reduce moire

Reduces moire patterns.

Printed materials are displayed as a collection of fine dots. "Moire" is a phenomenon where uneven gradation or a stripe pattern appears when such photos or pictures printed with fine dots are scanned.

Note

- Scanning takes longer than usual when you enable **Reduce moire**.

Reduce gutter shadow

Reduces gutter shadows that appear between pages when scanning open booklets.

▶▶▶ Note

- Click **Driver** in the IJ Scan Utility main screen and scan to correct gutter shadows when scanning non-standard size items or specified areas.
Refer to "[Gutter Correction](#)" for details.
- When you enable this function, scanning may take longer than usual with network connection.

Correct slanted text document

Detects the scanned text and corrects the angle (within -0.1 to -10 degrees or +0.1 to +10 degrees) of the document.

▶▶▶ Important

- The following types of documents may not be corrected properly since the text cannot be detected correctly.
 - Documents in which the text lines are inclined more than 10 degrees or the angles vary by line
 - Documents containing both vertical and horizontal text
 - Documents with extremely large or small fonts
 - Documents with small amount of text
 - Documents containing figures/images
 - Hand-written text
 - Documents containing both vertical and horizontal lines (tables)

▶▶▶ Note

- Scanning takes longer than usual when you enable **Correct slanted text document**.

Detect the orientation of text document and rotate image

Automatically rotates the image to the correct orientation by detecting the orientation of text in the scanned document.

▶▶▶ Important

- Only text documents written in languages that can be selected from **Document Language** in the [Settings \(General Settings\) dialog](#) are supported.
- The orientation may not be detected for the following types of settings or documents since the text cannot be detected correctly.
 - Resolution is outside the range of 300 dpi to 600 dpi
 - Font size is outside the range of 8 points to 48 points
 - Documents containing special fonts, effects, italics, or hand-written text
 - Documents with patterned backgrounds

In that case, select the **Check scan results** checkbox and rotate the image in the [Save Settings dialog](#).

(2) Save Settings Area

File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

▶▶▶ Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

▶▶▶ Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

Data Format

Select the data format in which to save the scanned images.

You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, **PDF (Multiple Pages)**, or **Auto**.

▶▶▶ Important

- When **Auto** is selected, the save format may differ depending on how you place the item.
 - [Positioning Originals \(Scanning from Computer\)](#)
- You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.
- When **Start OCR** is selected in **Application Settings**, you cannot select **PDF**, **PDF (Multiple Pages)**, or **Auto**.

▶▶▶ Note

- **Auto** appears only when **Auto** is selected for **Select Source**.
- With network connection, scanning may take longer than usual when you set **TIFF** or **PNG** in **Data Format**.

JPEG Image Quality

You can specify the image quality of JPEG files.

▶▶▶ Important

- This appears only when **JPEG/Exif** or **Auto** is selected in **Data Format**.

PDF Compression

Select the compression type for saving PDF files.

Standard

It is recommended that you normally select this setting.

High

Compresses the file size when saving, allowing you to reduce the load on your network/server.

▶▶▶ Important

- This appears only when **PDF**, **PDF (Multiple Pages)**, or **Auto** is selected in **Data Format**.
- When **Black and White** is selected in **Color Mode**, this option does not appear.


Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

Important

- This appears only when **PDF**, **PDF (Multiple Pages)**, or **Auto** is selected in **Data Format**.

Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

Check scan results

Displays the [Save Settings dialog](#) after scanning.

Important

- This does not appear when **Select Source** is **Auto**.
- When the Settings dialog is displayed from My Image Garden, this option does not appear.

(3) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder

Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Attach to e-mail

Select this when you want to send e-mails with the scanned images attached.

You can specify the e-mail client you want to start from the pop-up menu.

Start OCR


Select this when you want to convert text in the scanned image into text data.

You can specify the application from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

»» Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the application or folder.


Instructions

Opens this guide.

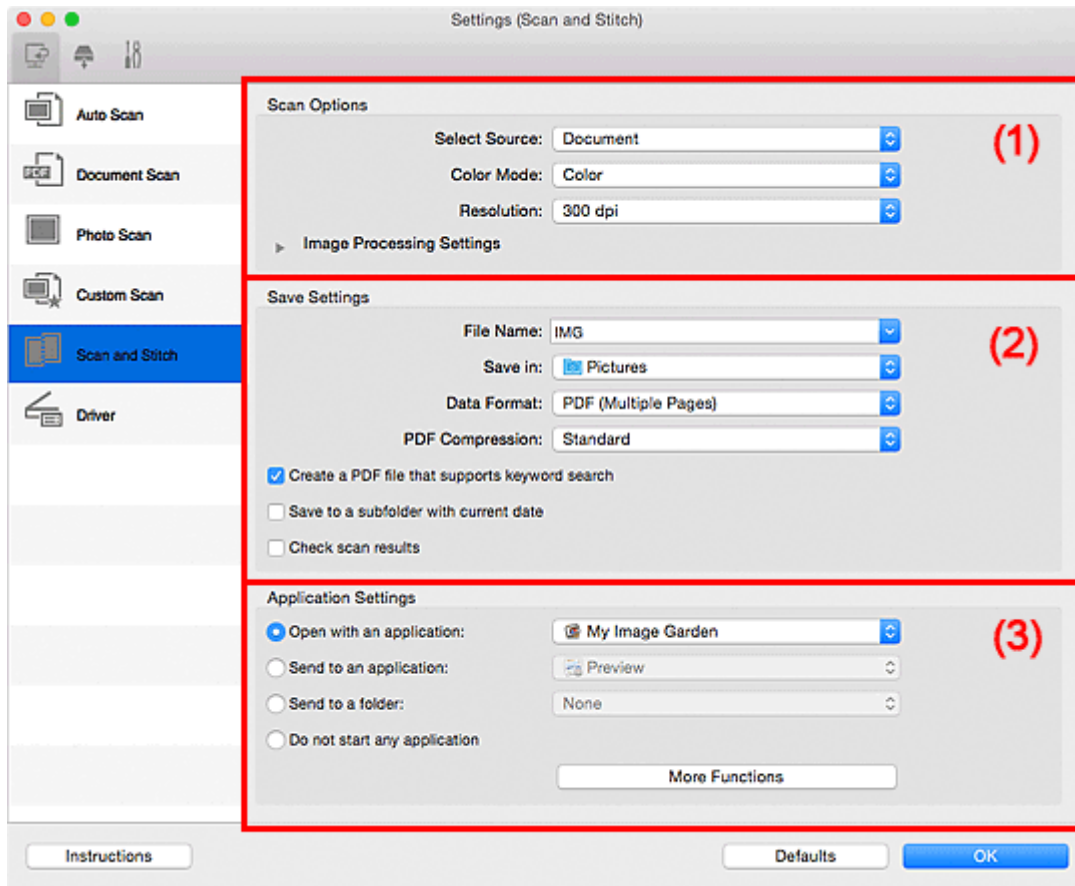
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Scan and Stitch) Dialog

Click **Scan and Stitch** on the  (Scanning from a Computer) tab to display the **Settings (Scan and Stitch)** dialog.

In the **Settings (Scan and Stitch)** dialog, you can make advanced scan settings for scanning items larger than the platen.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

►►► Important

- When the Settings dialog is displayed from the Scan screen of My Image Garden, the setting items for **Application Settings** do not appear.

(1) Scan Options Area

Select Source

Select the type of item to be scanned.

- Scanning photos: **Photo**
- Scanning documents: **Document**
- Scanning magazines: **Magazine**

►►► Note

- To reduce moire, set **Select Source** to **Magazine** or select the **Reduce moire** checkbox in **Image Processing Settings**.

Color Mode

Select the color mode in which to scan the item.

Resolution

Select the resolution of the item to be scanned.

The higher the resolution (value), the more detail in your image.

■ [Resolution](#)

Image Processing Settings

Click  (Right Arrow) to set the following. Available setting items vary by **Select Source**.

►► Important

- When **Color Mode** is **Black and White**, **Image Processing Settings** is not available.

- **When Select Source is Photo:**

Sharpen outline

Emphasizes the outline of the subjects to sharpen the image.

- **When Select Source is Magazine or Document:**

Sharpen outline

Emphasizes the outline of the subjects to sharpen the image.

Reduce show-through

Sharpens text in an item or reduces show-through in newspapers, etc.

Reduce moire

Reduces moire patterns.

Printed materials are displayed as a collection of fine dots. "Moire" is a phenomenon where uneven gradation or a stripe pattern appears when such photos or pictures printed with fine dots are scanned.

►► Note

- Scanning takes longer than usual when you enable **Reduce moire**.

(2) Save Settings Area


File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

►► Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

►► Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

Data Format

Select the data format in which to save the scanned images.

You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, or **PDF (Multiple Pages)**.

Important

- You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.

Note

- With network connection, scanning may take longer than usual when you set **TIFF** or **PNG** in **Data Format**.

PDF Compression

Select the compression type for saving PDF files.

Standard

It is recommended that you normally select this setting.

High

Compresses the file size when saving, allowing you to reduce the load on your network/server.

Important

- This appears only when **PDF** or **PDF (Multiple Pages)** is selected in **Data Format**.
- When **Black and White** is selected in **Color Mode**, this option does not appear.


Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

Important

- This appears only when **PDF** or **PDF (Multiple Pages)** is selected in **Data Format**.

Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

JPEG Image Quality

You can specify the image quality of JPEG files.

Important

- This appears only when **JPEG/Exif** is selected in **Data Format**.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

Check scan results

Displays the [Save Settings dialog](#) after scanning.

Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

(3) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder

Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

▶▶▶ Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click



(Plus) in the displayed dialog and specify the application or folder.

Instructions

Opens this guide.

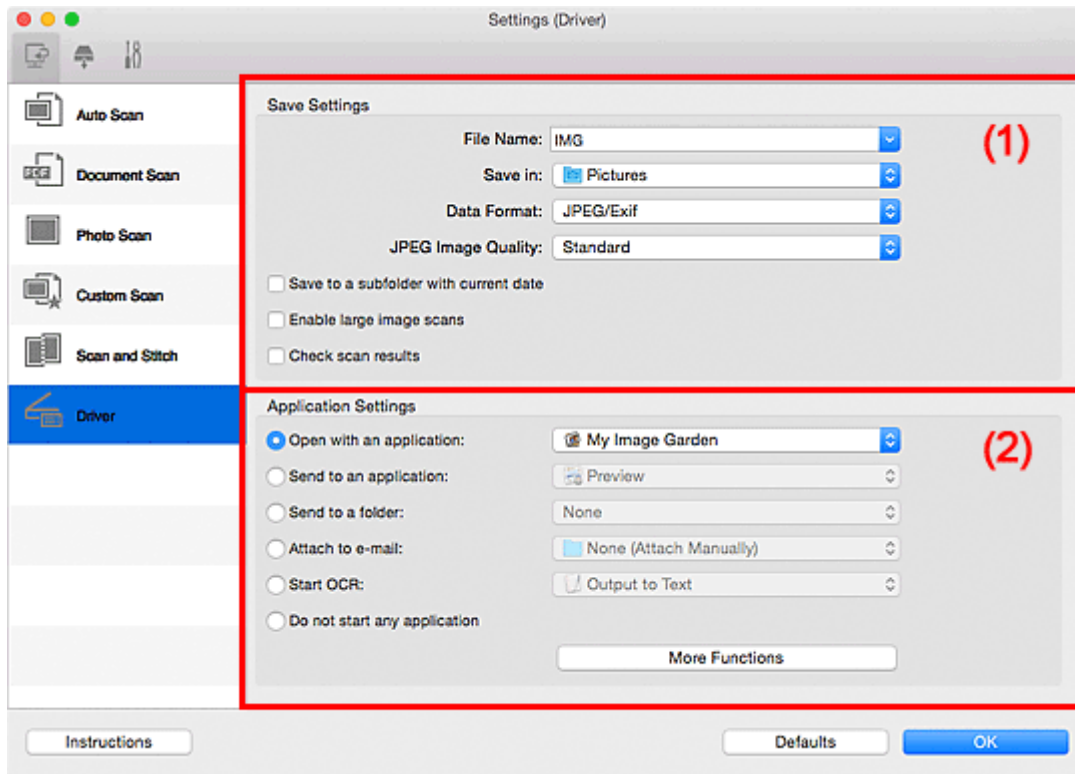
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Driver) Dialog

Click **Driver** on the  (Scanning from a Computer) tab to display the **Settings (Driver)** dialog.

In the **Settings (Driver)** dialog, you can specify how to save images when scanning items by starting the scanner driver from IJ Scan Utility and how to respond after saving them.



■ [\(1\) Save Settings Area](#)

■ [\(2\) Application Settings Area](#)

►►► Important

- When the Settings dialog is displayed from My Image Garden, the setting items for **Application Settings** do not appear.

(1) Save Settings Area


File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

►►► Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

►►► Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

Data Format

Select the data format in which to save the scanned images.

You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, or **PDF (Multiple Pages)**.

»»» Note

- When **PDF** or **PDF (Multiple Pages)** is selected, images up to 9600 pixels x 9600 pixels can be scanned.
- When the **Enable large image scans** checkbox is selected in **Save Settings**, or when **Start OCR** is selected in **Application Settings**, you can select **JPEG/Exif**, **TIFF**, or **PNG**.
- With network connection, scanning may take longer than usual when you set **TIFF** or **PNG** in **Data Format**.

JPEG Image Quality

You can specify the image quality of JPEG files.

»»» Important

- This appears only when **JPEG/Exif** is selected in **Data Format**.

PDF Compression

Select the compression type for saving PDF files.

Standard

It is recommended that you normally select this setting.

High

Compresses the file size when saving, allowing you to reduce the load on your network/server.

»»» Important

- This appears only when **PDF** or **PDF (Multiple Pages)** is selected in **Data Format**.


Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

»»» Important

- This appears only when **PDF** or **PDF (Multiple Pages)** is selected in **Data Format**.

»»» Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

Enable large image scans

Select this checkbox to scan images up to 21000 pixels x 30000 pixels and 1.8 GB.

»»» Important

- When this checkbox is selected, you cannot select **Send to an application**, **Send to a folder**, **Attach to e-mail**, or **Start OCR**.

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

»» Note

- When this checkbox is not selected, images up to 10208 pixels x 14032 pixels can be scanned.

Check scan results

Displays the [Save Settings dialog](#) after scanning.

»» Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

(2) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder

Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Attach to e-mail

Select this when you want to send e-mails with the scanned images attached.

You can specify the e-mail client you want to start from the pop-up menu.

Start OCR

Select this when you want to convert text in the scanned image into text data.

You can specify the application from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

»» Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click



(Plus) in the displayed dialog and specify the application or folder.


Instructions

Opens this guide.

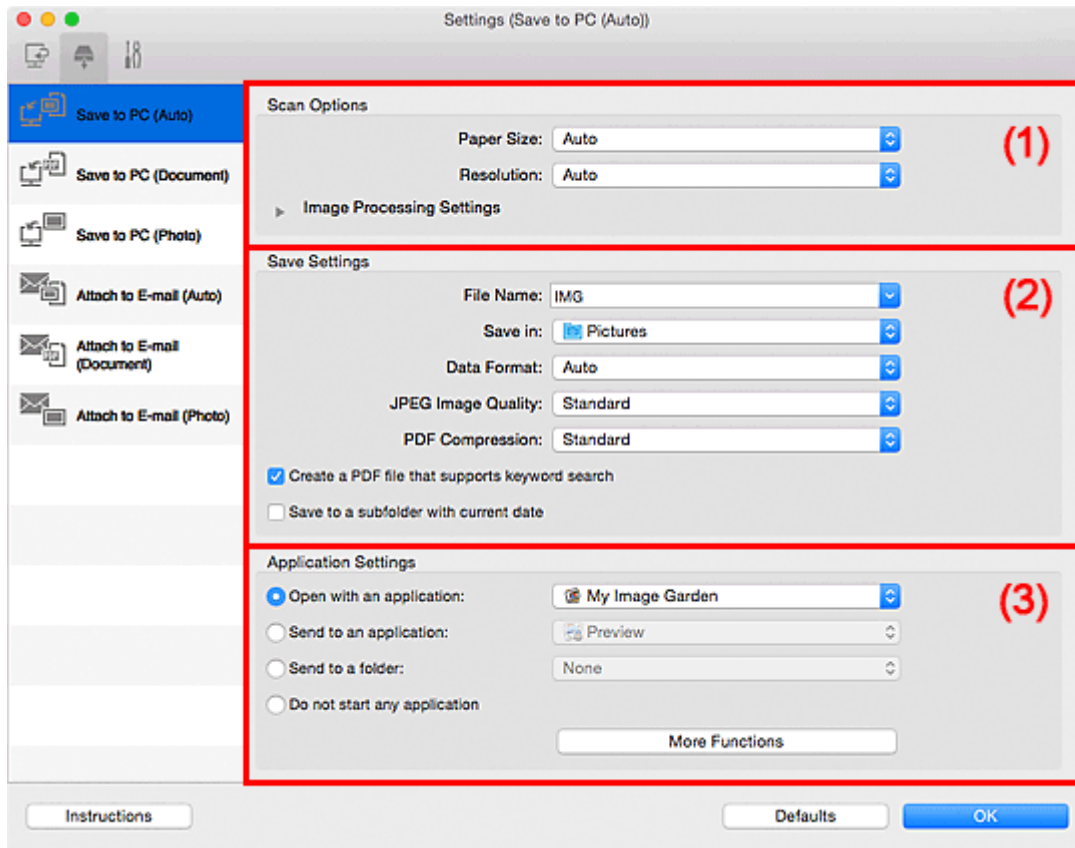
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Save to PC (Auto)) Dialog

Click **Save to PC (Auto)** on the  (Scanning from the Operation Panel) tab to display the **Settings (Save to PC (Auto))** dialog.

In the **Settings (Save to PC (Auto))** dialog, you can specify how to respond when saving images to a computer after scanning them from the operation panel by automatically detecting the item type.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

(1) Scan Options Area


Paper Size

Auto is selected.

Resolution

Auto is selected.

Image Processing Settings

Click  (Right Arrow) to set the following.

Apply recommended image correction

Applies suitable corrections automatically based on the item type.

Important

- The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

»» Note

- Scanning takes longer than usual when you enable this function.

(2) Save Settings Area

File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

»» Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

Data Format

Auto is selected. The following data formats are automatically applied according to the item type when saving.

- Photos, postcards, BD/DVD/CD, and business cards: JPEG
- Magazines, newspapers, and documents: PDF

»» Important

- The save format may differ depending on how you place the item.
Refer to "[Positioning Originals \(Scanning from Computer\)](#)" for how to place items.

JPEG Image Quality

You can specify the image quality of JPEG files.

PDF Compression

Select the compression type for saving PDF files.

Standard

It is recommended that you normally select this setting.


High

Compresses the file size when saving, allowing you to reduce the load on your network/server.

Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

»» Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

(3) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder


Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

▶▶▶ Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the application or folder.


Instructions

Opens this guide.

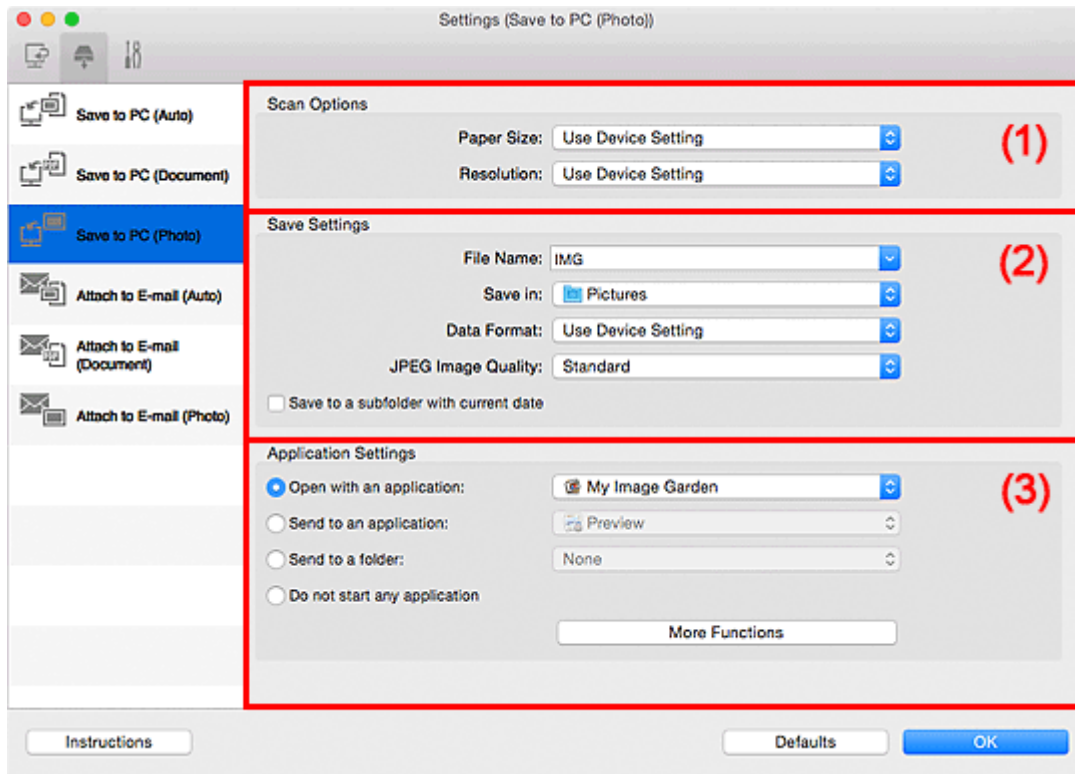
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Save to PC (Photo)) Dialog

Click **Save to PC (Photo)** on the  (Scanning from the Operation Panel) tab to display the **Settings (Save to PC (Photo))** dialog.

In the **Settings (Save to PC (Photo))** dialog, you can specify how to respond when saving images to a computer as photos after scanning them from the operation panel.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

(1) Scan Options Area

Paper Size

Set from the operation panel.

Resolution

Set from the operation panel.

(2) Save Settings Area

File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

►►► Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

Data Format

Set from the operation panel.

JPEG Image Quality

You can specify the image quality of JPEG files.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

(3) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder

Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

▶▶▶ Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click

(Plus) in the displayed dialog and specify the application or folder.


Instructions

Opens this guide.

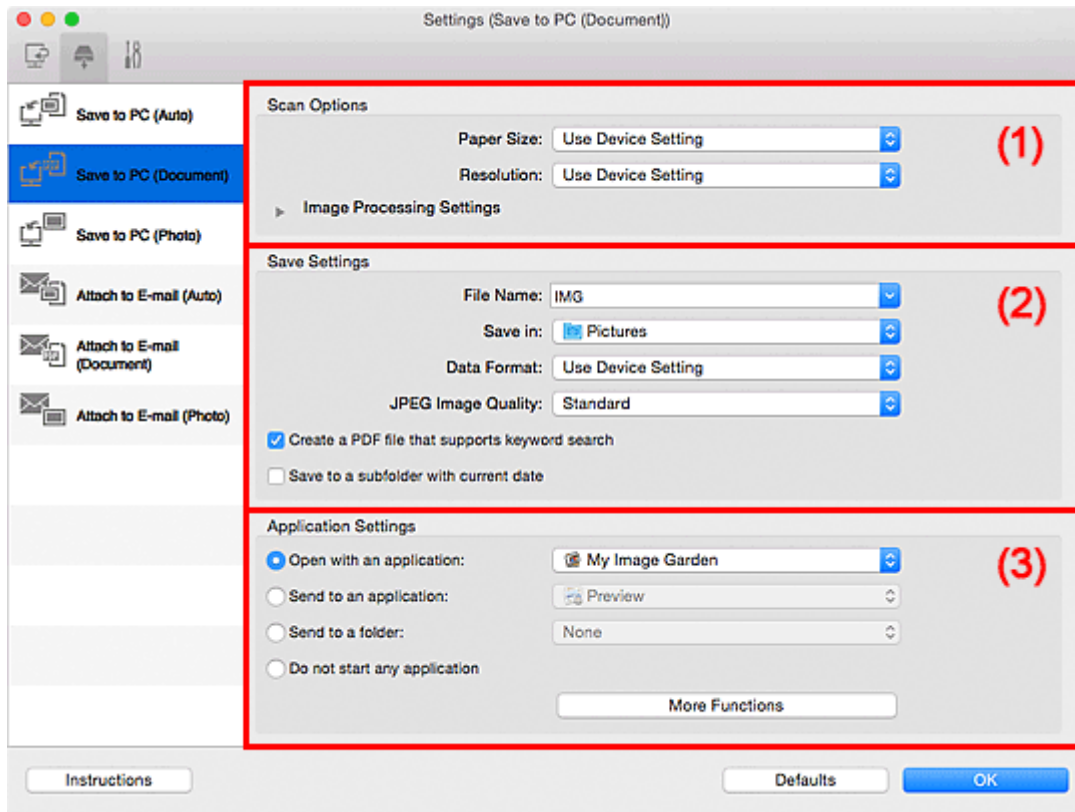
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Save to PC (Document)) Dialog

Click **Save to PC (Document)** on the  (Scanning from the Operation Panel) tab to display the **Settings (Save to PC (Document))** dialog.

In the **Settings (Save to PC (Document))** dialog, you can specify how to respond when saving images to a computer as documents after scanning them from the operation panel.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

(1) Scan Options Area


Paper Size

Set from the operation panel.

Resolution

Set from the operation panel.

Image Processing Settings

Click  (Right Arrow) to set the following.

Apply Auto Document Fix

Select this checkbox to sharpen text in a document or magazine for better readability.

►► Important

- The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

►► Note

- Scanning takes longer than usual when you enable this function.

Reduce gutter shadow

Reduces gutter shadows that appear between pages when scanning open booklets.

▶▶▶ Note

- When you enable this function, scanning may take longer than usual with network connection.

Correct slanted text document

Detects the scanned text and corrects the angle (within -0.1 to -10 degrees or +0.1 to +10 degrees) of the document.

▶▶▶ Important

- The following types of documents may not be corrected properly since the text cannot be detected correctly.
 - Documents in which the text lines are inclined more than 10 degrees or the angles vary by line
 - Documents containing both vertical and horizontal text
 - Documents with extremely large or small fonts
 - Documents with small amount of text
 - Documents containing figures/images
 - Hand-written text
 - Documents containing both vertical and horizontal lines (tables)

▶▶▶ Note

- Scanning takes longer than usual when you enable **Correct slanted text document**.

Detect the orientation of text document and rotate image

Automatically rotates the image to the correct orientation by detecting the orientation of text in the scanned document.

▶▶▶ Important

- Only text documents written in languages that can be selected from **Document Language** in the [Settings \(General Settings\) dialog](#) are supported.
- The orientation may not be detected for the following types of settings or documents since the text cannot be detected correctly.
 - Resolution is outside the range of 300 dpi to 600 dpi
 - Font size is outside the range of 8 points to 48 points
 - Documents containing special fonts, effects, italics, or hand-written text
 - Documents with patterned backgrounds

(2) Save Settings Area


File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

▶▶▶ Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

Data Format

Set from the operation panel.


JPEG Image Quality

You can specify the image quality of JPEG files.

Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

(3) Application Settings Area

Open with an application

Select this when you want to enhance or correct the scanned images.

You can specify the application from the pop-up menu.

Send to an application

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.

You can specify the application from the pop-up menu.

Send to a folder


Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.

You can specify the folder from the pop-up menu.

Do not start any application

Saves to the folder specified in **Save in**.

Note

- To add an application or folder to the pop-up menu, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the application or folder.


Instructions

Opens this guide.

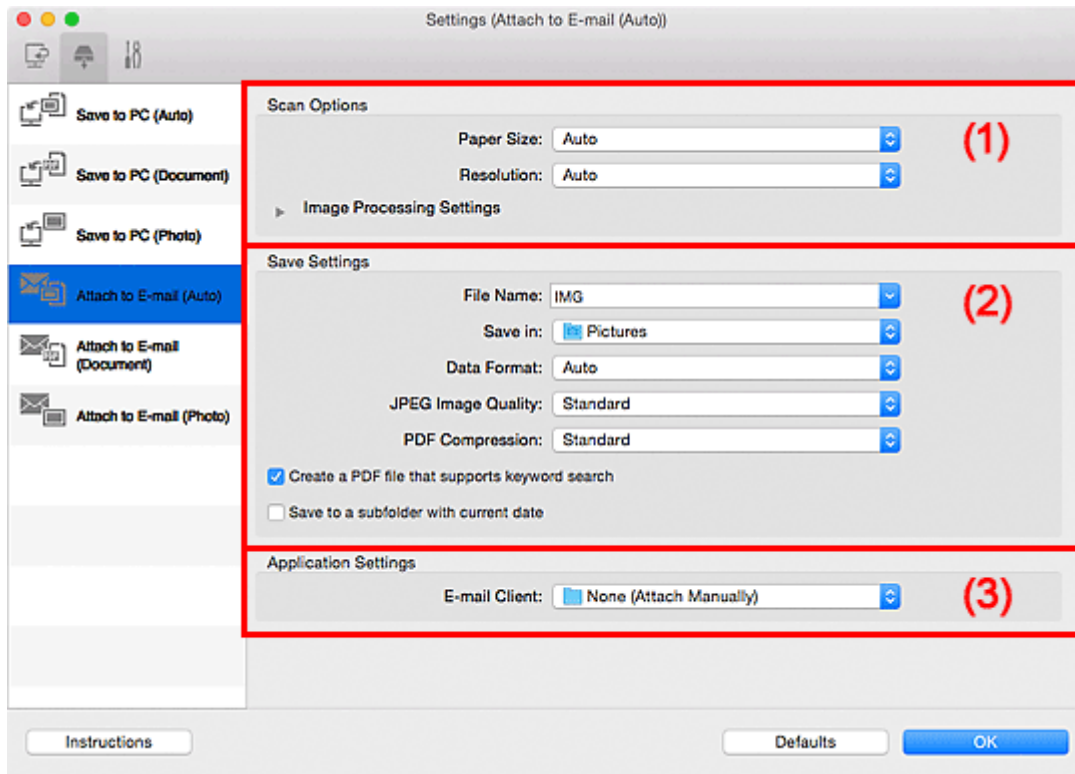
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Attach to E-mail (Auto)) Dialog

Click **Attach to E-mail (Auto)** on the  (Scanning from the Operation Panel) tab to display the **Settings (Attach to E-mail (Auto))** dialog.

In the **Settings (Attach to E-mail (Auto))** dialog, you can specify how to respond when attaching images to an e-mail after scanning them from the operation panel by automatically detecting the item type.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

(1) Scan Options Area


Paper Size

Auto is selected.

Resolution

Auto is selected.

Image Processing Settings

Click  (Right Arrow) to set the following.

Apply recommended image correction

Applies suitable corrections automatically based on the item type.

►►► Important

- The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

►►► Note

- Scanning takes longer than usual when you enable this function.

(2) Save Settings Area

File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

▶▶▶ Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

Data Format

Auto is selected. The following data formats are automatically applied according to the item type when saving.

- Photos, postcards, BD/DVD/CD, and business cards: JPEG
- Magazines, newspapers, and documents: PDF

▶▶▶ Important

- The save format may differ depending on how you place the item.
Refer to "[Positioning Originals \(Scanning from Computer\)](#)" for how to place items.

JPEG Image Quality

You can specify the image quality of JPEG files.

PDF Compression

Select the compression type for saving PDF files.

Standard

It is recommended that you normally select this setting.


High

Compresses the file size when saving, allowing you to reduce the load on your network/server.

Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

▶▶▶ Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.


(3) Application Settings Area

E-mail Client

Specify the e-mail client to use for attaching scanned images.

You can specify the e-mail client you want to start from the pop-up menu.

▶▶▶ Note

- To add an e-mail client to the pop-up menu, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the e-mail client.


Instructions

Opens this guide.

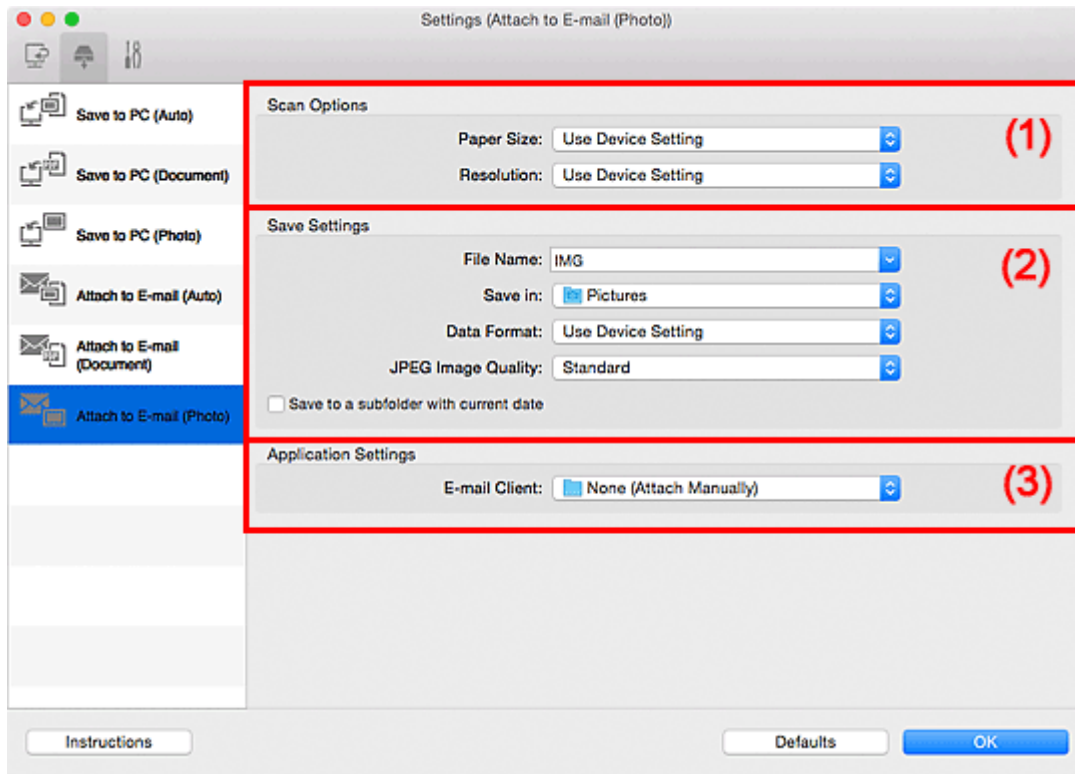
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Attach to E-mail (Photo)) Dialog

Click **Attach to E-mail (Photo)** on the  (Scanning from the Operation Panel) tab to display the **Settings (Attach to E-mail (Photo))** dialog.

In the **Settings (Attach to E-mail (Photo))** dialog, you can specify how to respond when attaching images to an e-mail as photos after scanning them from the operation panel.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

(1) Scan Options Area

Paper Size

Set from the operation panel.

Resolution

Set from the operation panel.

(2) Save Settings Area


File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

►►► Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

Data Format

Set from the operation panel.

JPEG Image Quality

You can specify the image quality of JPEG files.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.


(3) Application Settings Area

E-mail Client

Specify the e-mail client to use for attaching scanned images.

You can specify the e-mail client you want to start from the pop-up menu.

▶▶▶ Note

- To add an e-mail client to the pop-up menu, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the e-mail client.


Instructions

Opens this guide.

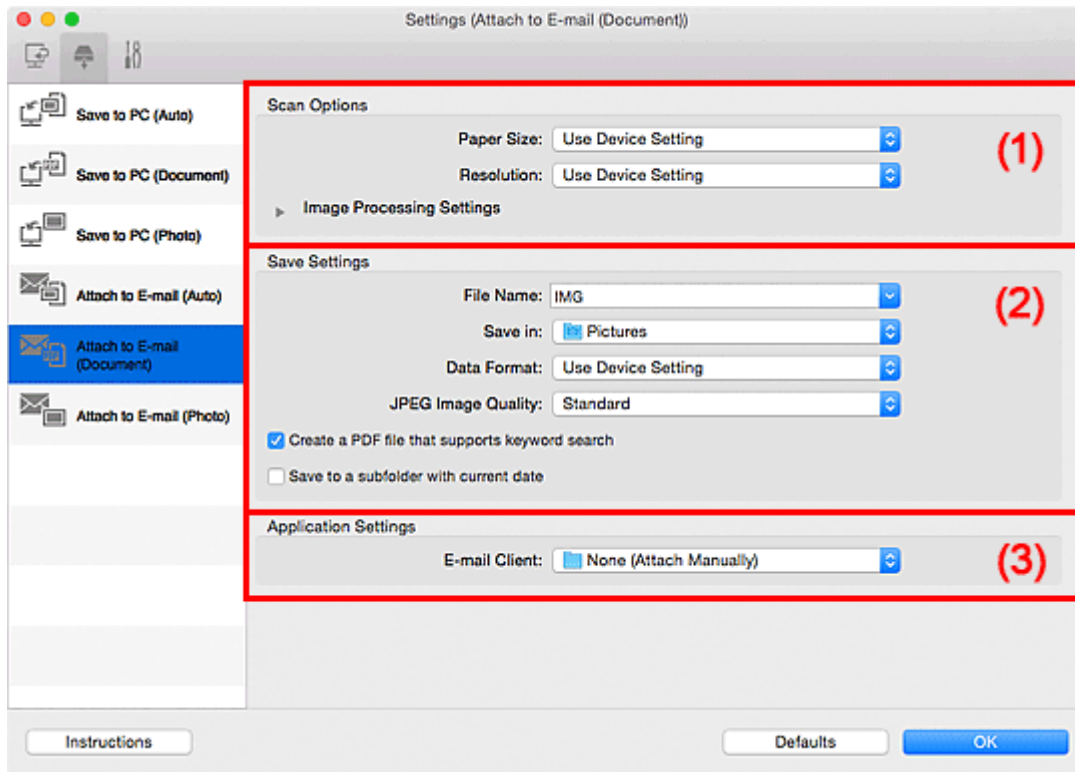
Defaults

You can restore the settings in the displayed screen to the default settings.

Settings (Attach to E-mail (Document)) Dialog

Click **Attach to E-mail (Document)** on the  (Scanning from the Operation Panel) tab to display the **Settings (Attach to E-mail (Document))** dialog.

In the **Settings (Attach to E-mail (Document))** dialog, you can specify how to respond when attaching images to an e-mail as documents after scanning them from the operation panel.



- [\(1\) Scan Options Area](#)
- [\(2\) Save Settings Area](#)
- [\(3\) Application Settings Area](#)

(1) Scan Options Area


Paper Size

Set from the operation panel.

Resolution

Set from the operation panel.

Image Processing Settings

Click  (Right Arrow) to set the following.

Apply Auto Document Fix

Select this checkbox to sharpen text in a document or magazine for better readability.

►►► Important

- The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

►►► Note

- Scanning takes longer than usual when you enable this function.

Reduce gutter shadow

Reduces gutter shadows that appear between pages when scanning open booklets.

▶▶▶ Note

- When you enable this function, scanning may take longer than usual with network connection.

Correct slanted text document

Detects the scanned text and corrects the angle (within -0.1 to -10 degrees or +0.1 to +10 degrees) of the document.

▶▶▶ Important

- The following types of documents may not be corrected properly since the text cannot be detected correctly.
 - Documents in which the text lines are inclined more than 10 degrees or the angles vary by line
 - Documents containing both vertical and horizontal text
 - Documents with extremely large or small fonts
 - Documents with small amount of text
 - Documents containing figures/images
 - Hand-written text
 - Documents containing both vertical and horizontal lines (tables)

▶▶▶ Note

- Scanning takes longer than usual when you enable **Correct slanted text document**.

Detect the orientation of text document and rotate image

Automatically rotates the image to the correct orientation by detecting the orientation of text in the scanned document.

▶▶▶ Important

- Only text documents written in languages that can be selected from **Document Language** in the [Settings \(General Settings\) dialog](#) are supported.
- The orientation may not be detected for the following types of settings or documents since the text cannot be detected correctly.
 - Resolution is outside the range of 300 dpi to 600 dpi
 - Font size is outside the range of 8 points to 48 points
 - Documents containing special fonts, effects, italics, or hand-written text
 - Documents with patterned backgrounds

(2) Save Settings Area


File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

▶▶▶ Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

Data Format

Set from the operation panel.


JPEG Image Quality

You can specify the image quality of JPEG files.

Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.


(3) Application Settings Area

E-mail Client

Specify the e-mail client to use for attaching scanned images.

You can specify the e-mail client you want to start from the pop-up menu.

Note

- To add an e-mail client to the pop-up menu, select **Add...** from the pop-up menu, then click  (Plus) in the displayed dialog and specify the e-mail client.

Instructions

Opens this guide.

Defaults

You can restore the settings in the displayed screen to the default settings.

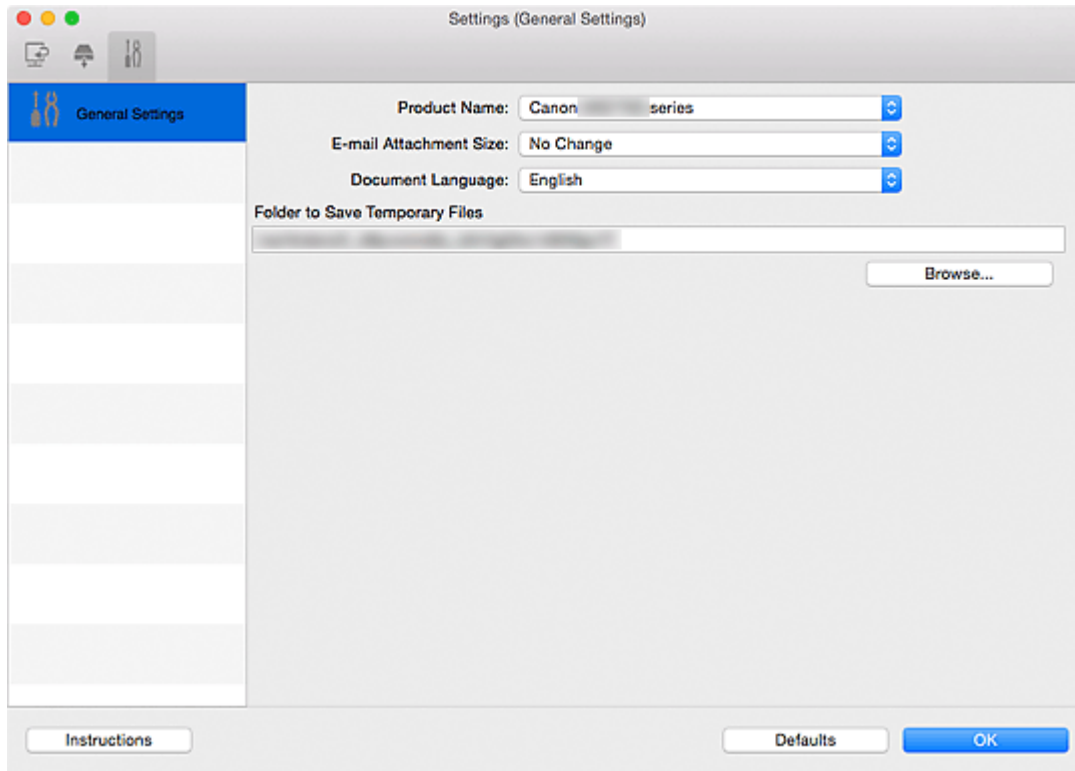
Settings (General Settings) Dialog

Click the  (General Settings) tab to display the **Settings (General Settings)** dialog.

In the **Settings (General Settings)** dialog, you can set the product to use, file size restriction on e-mail attachment, language to detect text in images, and folder in which to save images temporarily.

»» Important

- When the Settings dialog is displayed from My Image Garden, some options may not appear.



Product Name

Displays the name of the product that IJ Scan Utility is currently set to use.

If the displayed product is not the one you want to use, select the desired product from the list.

In addition, for network connection, select one with "Network" after the product name.

»» Note

- With network connection, **Select** appears on the right side of the product name. Click **Select** to display the network selection screen in which you can change the scanner to use. Refer to "[Network Scan Settings](#)" for the setting procedure.

E-mail Attachment Size

You can restrict the size of scanned images to be attached to an e-mail.

You can select **Small (Suitable for 640 x 480 Windows)**, **Medium (Suitable for 800 x 600 Windows)**, **Large (Suitable for 1024 x 768 Windows)**, or **No Change**.

Document Language

You can select the language for detecting text in images and for use with search when a PDF file that supports keyword search is created.

Folder to Save Temporary Files

Displays the folder in which to save images temporarily. Click **Browse...** to specify the destination folder.

Instructions

Opens this guide.

Defaults

You can restore the settings in the displayed screen to the default settings.

Network Selection Screen

You can select the scanners or printers to be used for scanning or printing over a network from your computer or the operation panel.

Network Selection Screen

In **Product Name** in the **Settings (General Settings)** dialog, select an item with "Network" after the product name from the list, then click **Select** that appears to the right of the product name to display the network selection screen.

Scanners

The Bonjour service names of the scanners or printers that can be used over the network are displayed.

You can select one scanner or printer per model. Selecting a scanner or printer automatically enables scanning from the operation panel.

»» Important

- You cannot use over the network if Bonjour is disabled. Enable Bonjour on your scanner or printer.
- If you have changed the Bonjour service name after selecting your scanner or printer by Bonjour service name, reopen the network selection screen and select the new Bonjour service name from **Scanners**.

Instructions

Opens this guide.

Scan-from-Operation-Panel Settings

The Scan-from-Operation-Panel Settings screen appears. You can select up to three scanners and printers in total for scanning from the operation panel. You can scan items using the operation panel of the selected scanner or printer, and send the scanned images to your computer over a network.

»» Important

- When using a model with which you cannot scan over a network from the operation panel, that model does not appear in **Scanners** and the setting is not available.

Scan-from-Operation-Panel Settings Screen

Click **Scan-from-Operation-Panel Settings** in the network selection screen to display the Scan-from-Operation-Panel Settings screen.

Scanners

The Bonjour service names of the scanners or printers that can be used over the network are displayed.

You can select up to three scanners and printers in total at the same time.

»» Important

- You cannot use over the network if Bonjour is disabled. Enable Bonjour on your scanner or printer.
- If you have changed the Bonjour service name after selecting your scanner or printer by Bonjour service name, reopen the network selection screen and select the new Bonjour service name from **Scanners**.

»» Note

- If the Bonjour service name of your scanner or printer does not appear or cannot be selected, check the following, click **OK** to close the screen, then reopen it and try selecting again.
 - The scanner driver is installed
 - Network settings of your scanner or printer is completed after installing the scanner driver
 - Network communication between your scanner or printer and computer is enabledIf your scanner or printer still does not appear, refer to "Network Communication Problems" for your model from Home of the *Online Manual*.

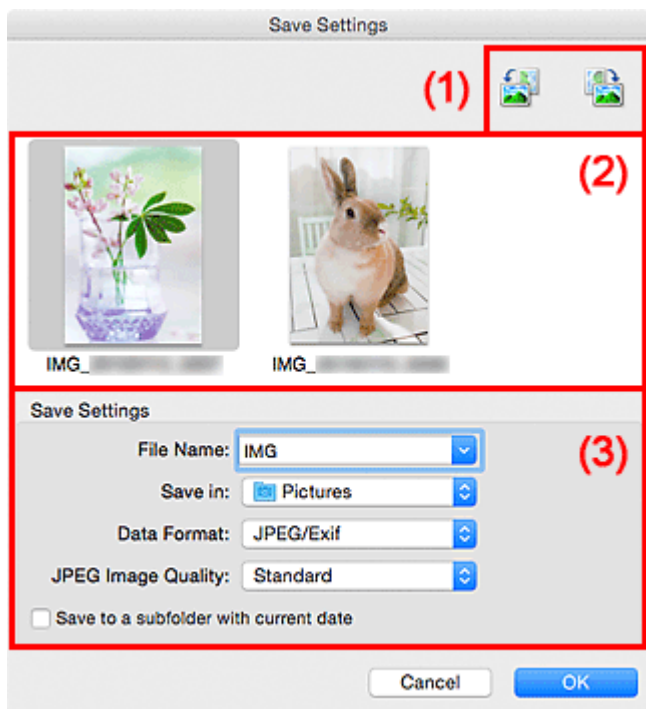
Save Settings Dialog

Select the **Check scan results** checkbox in **Save Settings** of the Settings dialog to display the **Save Settings** dialog after scanning.

You can specify the data format and destination while viewing the thumbnails of scan results.

▶▶▶ Important

- After scanning from My Image Garden or the operation panel, the **Save Settings** dialog does not appear.



■ (1) [Preview Operation Buttons](#)

■ (2) [Scan Results Area](#)

■ (3) [Save Settings Area](#)

(1) Preview Operation Buttons

 /  (Rotate Left 90°)/(Rotate Right 90°)

Rotates scanned images 90 degrees counter-clockwise or clockwise.

Select the image you want to rotate, then click  (Rotate Left 90°) or  (Rotate Right 90°).

▶▶▶ Important

- The preview operation buttons do not appear when the **Enable large image scans** checkbox is selected in the **Settings (Driver)** dialog.

(2) Scan Results Area

Displays the thumbnails of the scanned images. You can change the save order of images via drag-and-drop. The file names for saving appear below the thumbnails.

(3) Save Settings Area

File Name

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

▶▶▶ Note

- When you select the **Save to a subfolder with current date** checkbox, the date and four digits are appended to the set file name.

Save in

Displays the folder in which to save the scanned images. To add a folder, select **Add...** from the pop-up menu, then click (Plus) in the displayed dialog and specify the destination folder.

The default save folder is the **Pictures** folder.

Data Format

Select the data format in which to save the scanned images.

You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, or **PDF (Multiple Pages)**.

▶▶▶ Important

- You cannot select **PDF** or **PDF (Multiple Pages)** in the following cases.
 - When scanned by clicking **Photo** in the IJ Scan Utility main screen
 - The **Enable large image scans** checkbox is selected in **Save Settings** of the **Settings (Driver)** dialog
 - **Start OCR** is selected in **Application Settings** of the **Settings (Document Scan)**, **Settings (Custom Scan)**, or **Settings (Driver)** dialog
- You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.

▶▶▶ Note

- With network connection, scanning may take longer than usual when you set **TIFF** or **PNG** in **Data Format**.

JPEG Image Quality

You can specify the image quality of JPEG files.

▶▶▶ Important

- This appears only when **JPEG/Exif** is selected in **Data Format**.

PDF Compression

Select the compression type for saving PDF files.

Standard

It is recommended that you normally select this setting.

High

Compresses the file size when saving, allowing you to reduce the load on your network/server.

▶▶▶ Important

- This appears only when **PDF** or **PDF (Multiple Pages)** is selected in **Data Format**.
- When **Black and White** is selected in **Color Mode**, this option does not appear.


Create a PDF file that supports keyword search

Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

▶▶▶ Important

- This appears only when **PDF** or **PDF (Multiple Pages)** is selected in **Data Format**.

▶▶▶ Note

- PDF files that are searchable in the language selected in **Document Language** on the  (General Settings) tab of the Settings dialog are created.

Save to a subfolder with current date

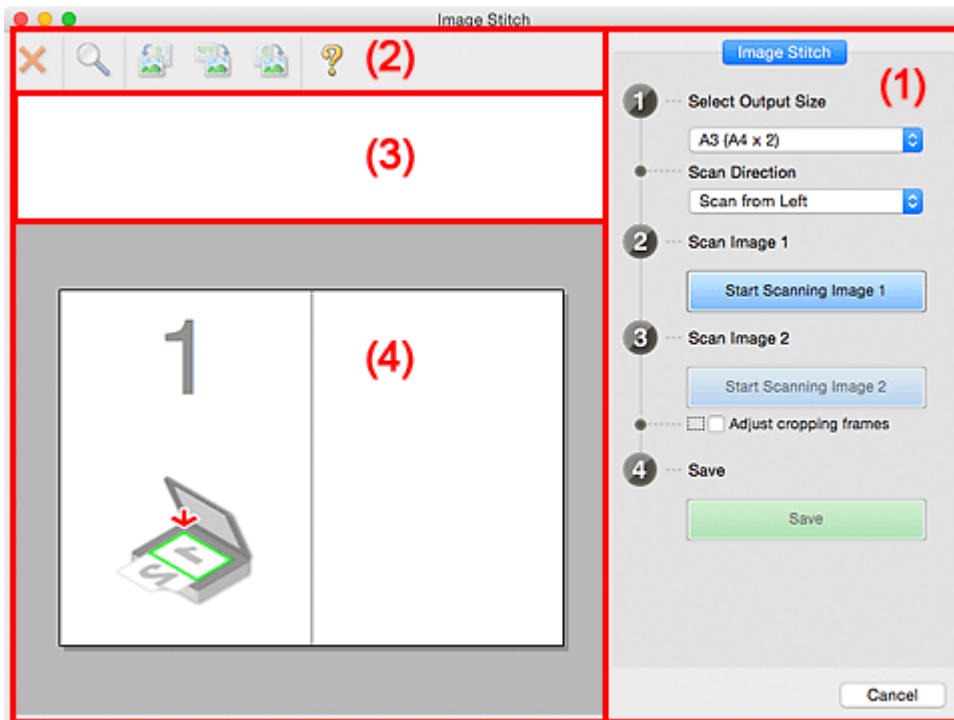
Select this checkbox to create a current date folder in the folder specified in **Save in** and save scanned images in it. The folder will be created with a name such as "20XX_01_01" (Year_Month_Date).

If this checkbox is not selected, files are saved directly in the folder specified in **Save in**.

Image Stitch Window

Click **Stitch** in the IJ Scan Utility main screen to display the **Image Stitch** window.

You can scan the left and right halves of an item larger than the platen and combine them back into one image. You can scan items up to approximately twice as large as the platen.



- (1) [Settings and Operation Buttons](#)
- (2) [Toolbar](#)
- (3) [Thumbnail View Area](#)
- (4) [Preview Area](#)

▶▶▶ Note

- The displayed items vary depending on the select source and view.

(1) Settings and Operation Buttons

Select Output Size

B4 (B5 x 2)

Scans the left and right halves of a B4 size item separately.

A3 (A4 x 2)

Scans the left and right halves of an A3 size item separately.

11 x 17 (Letter x 2)

Scans the left and right halves of an item twice as large as Letter size separately.

Full Platen x 2

Scans the left and right halves of an item twice as large as the platen separately.

Scan Direction

Scan from Left

Displays the first scanned image on the left side.

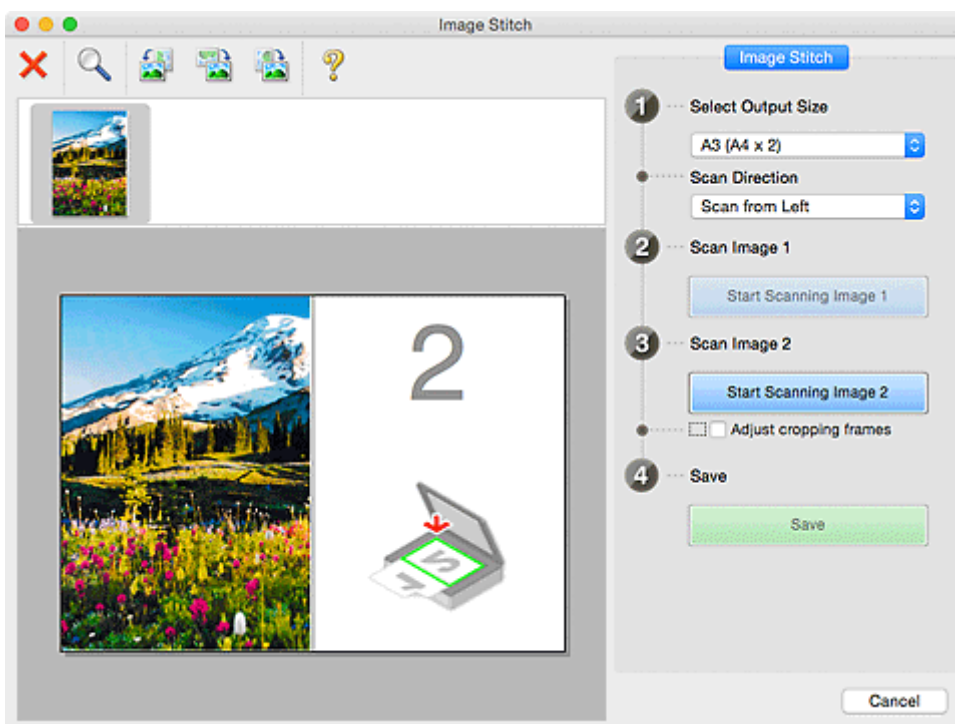
Scan from Right

Displays the first scanned image on the right side.

Scan Image 1

Start Scanning Image 1

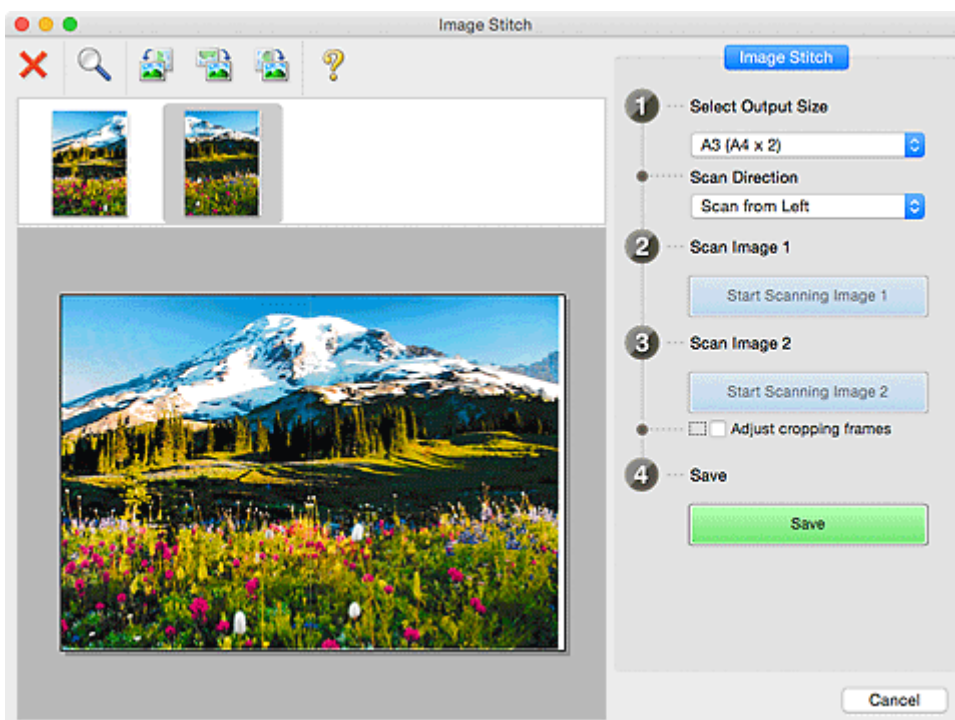
Scans the first item.



Scan Image 2

Start Scanning Image 2

Scans the second item.



Adjust cropping frames

You can adjust the scan area in preview.

If no area is specified, the image of the size selected in **Select Output Size** will be saved. If an area is specified, only the image in the cropping frame will be scanned and saved.

■ [Adjusting Cropping Frames in the Image Stitch Window](#)

Save

Save

Saves the two scanned images as one image.

Cancel

Cancels **Stitch** scan.

(2) Toolbar

You can delete the scanned images or adjust the previewed images.



(Delete)

Deletes the image selected in the Thumbnail View area.



(Enlarge/Reduce)

Allows you to enlarge or reduce the preview image.

Left-clicking the Preview area enlarges the displayed image.

Control-clicking the Preview area reduces the displayed image.



(Rotate Left)

Rotates the preview image 90 degrees counter-clockwise.



(Rotate 180°)

Rotates the preview image 180 degrees.



(Rotate Right)

Rotates the preview image 90 degrees clockwise.



(Open Guide)

Opens this page.

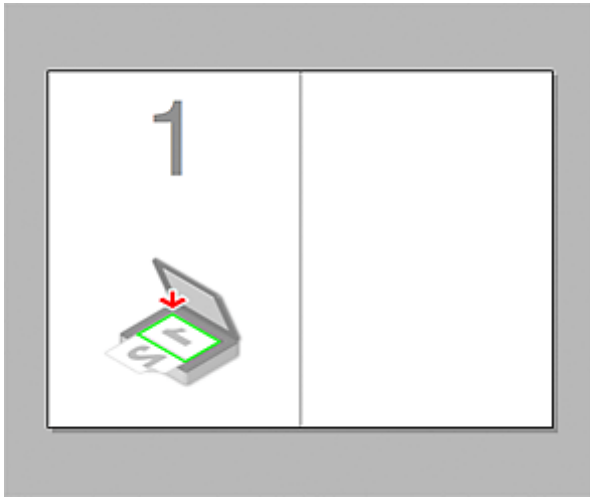
(3) Thumbnail View Area

Displays the thumbnails of the scanned images. Appears blank if none has been scanned.

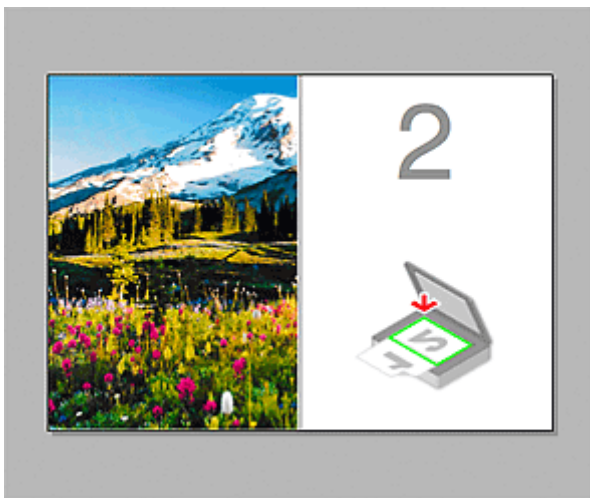
(4) Preview Area

Displays the scanned images. You can adjust the layout by dragging the scanned image or check the results of the settings made in "[\(1\) Settings and Operation Buttons.](#)"

When no image has been scanned:



After scanning the first item by clicking Start Scanning Image 1:



The image is scanned in the direction specified in **Scan Direction**, and **2** appears next to it.

After scanning the second item by clicking Start Scanning Image 2:



The two scanned images appear.

Related Topic

- [Scanning Originals Larger than the Platen \(Image Stitch\)](#)

Using Scanner Driver

You can scan by starting the scanner driver from various applications.

Refer to Help of Mac OS for how to scan.

▶▶▶ Note

- Refer to "[Image Corrections and Color Adjustments](#)" for details on the setting procedures for image correction and color adjustment.
- Refer to "[General Notes \(Scanner Driver\)](#)" for the scanner driver.
- Refer to "[Updating the Scanner Driver](#)" for the scanner driver.
- In the [Settings \(Driver\) dialog](#) of IJ Scan Utility, you can also make advanced settings for scanning with the scanner driver.

Image Corrections and Color Adjustments

You can correct images and adjust colors using the scanner driver.

»» Important

- When image correction or color adjustment is applied to items without moire, dust/scratches, or faded colors, the color tone may be adversely affected.
- Image correction results are not reflected in the trial scan screen.

»» Note

- Screens may vary depending on the application.
- Selectable settings depend on **Kind** settings.
- Scanning may take longer than usual when image correction or color adjustment is applied.

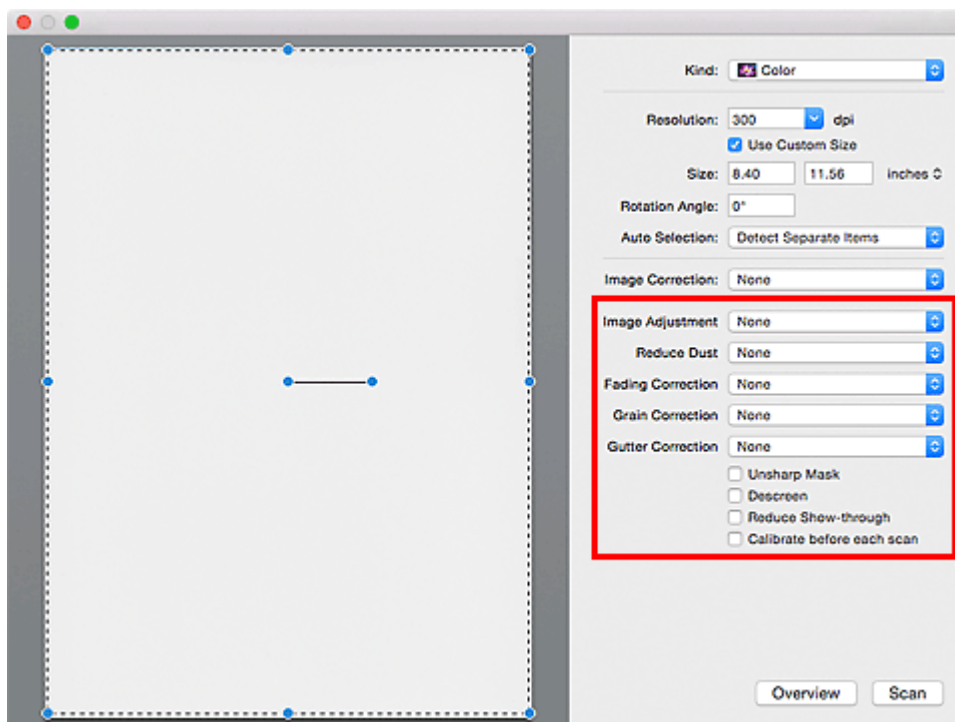


Image Adjustment

When Image Adjustment is set, the brightness of the specified portion of the image is optimized. Images can be adjusted according to the automatically detected item type or the specified item type. The result of the adjustment will be reflected in the entire image.

None

Image Adjustment will not be applied.

Auto

Applies Image Adjustment by automatically detecting the item type. It is recommended that you normally select this setting.

Photo

Applies Image Adjustment suitable for photos.

Magazine

Applies Image Adjustment suitable for magazines.

Document

Applies Image Adjustment suitable for text documents.

»» Note

- If the image is not adjusted properly with **Auto**, specify the item type.
- The color tone may change from the source image due to the Image Adjustment. In that case, set **Image Adjustment** to **None**.

Reduce Dust

Scanned photos may contain white dots caused by dust or scratches. Use this function to reduce such noise.

None

Dust and scratches will not be reduced.

Low

Select this to reduce small dust particles and scratches. Large ones may remain.

Medium

It is recommended that you normally select this setting.

High

Select this to reduce large dust particles and scratches; however, evidence of the reduction process may remain or delicate parts of the image may be removed.

»» Important

- This function may not be effective for some types of photos.

»» Note

- It is recommended that you select **None** when scanning printed materials.

Fading Correction

Use this function to correct photos that have faded with time or have a colorcast. "Colorcast" is a phenomenon where a specific color affects the entire picture due to the weather or ambient strong colors.

None

Fading Correction will not be applied.

Low

Select this to correct a small amount of fading and colorcast.

Medium

It is recommended that you normally select this setting.

High

Select this to correct a large amount of fading and colorcast. This can affect the tone of the image.

»» Important

- Correction may not be applied properly if the scan area is too small.
- Not effective if **Color** is not selected for **Kind**.

Grain Correction

Use this function to reduce graininess (roughness) in photos taken with high-speed or sensitized film, etc.

None

Graininess will not be reduced.

Low

Select this when the photo is slightly grainy.

Medium

It is recommended that you normally select this setting.

High

Select this when the photo is very grainy. This can affect the gradation and sharpness of the image.

»» Important

- Correction may not be applied properly if the scan area is too small.

Gutter Correction

Use this function to correct shadows that appear between pages when scanning open booklets.

Unclear or blurred text/lines caused by curved pages are not corrected.

None

Gutter shadow will not be corrected.

Low

Select this when the effect level is too strong with the medium setting.

Medium

It is recommended that you normally select this setting.

High

Select this when the effect level is too weak with the medium setting.

»» Important

- Do not place objects that weigh 4.4 lbs (2.0 kg) or more on the platen. In addition, do not press on the item with a force exceeding 4.4 lbs (2.0 kg). If you press heavily, the scanner may not work correctly or you might break the glass.
- Align the item with the edge of the platen. If placed slanted, correction will not be applied properly.



- Correction may not be applied properly depending on the item. If the page background is not white, shadows may not be detected correctly or may not be detected at all.
- While scanning, press down on the spine with the same amount of pressure you used to preview the scan. If the binding part is not even, correction will not be applied properly.



- How to place the item depends on your model and the item to be scanned.

Unsharp Mask

Emphasizes the outline of the subjects to sharpen the image.

Descreen

Reduces moire patterns.

Printed materials are displayed as a collection of fine dots. "Moire" is a phenomenon where uneven gradation or a stripe pattern appears when such photos or pictures printed with fine dots are scanned.

►►► Important

- When enabling **Descreen**, disable **Unsharp Mask**. If **Unsharp Mask** is enabled, some moire effects may remain.

►►► Note

- Scanning takes longer than usual when you enable **Descreen**.

Reduce Show-through

Use this function to reduce show-through in duplex documents or lighten the base color in recycled paper and other colored paper when scanning documents.

►►► Important

- **Reduce Show-through** is effective only when **Document** or **Magazine** is selected for **Image Adjustment**.

Calibrate before each scan

Calibrates the scanner every time before trial scanning and scanning, to reproduce correct color tones in scanned images.

►►► Note

- Calibration may take time depending on your computer.

General Notes (Scanner Driver)

The scanner driver is subject to the following restrictions. Keep these points in mind when using the scanner driver.

Scanner Driver Restrictions

- If the computer is shared among multiple users or when you have logged out and back on, a message indicating that the scanner driver is in use may appear. In that case, disconnect the USB cable from the computer, then reconnect it.
- Scanning may fail if the computer has resumed from sleep state with the scanner driver active. In that case, follow these steps and scan again.
 1. Turn off the machine.
 2. Exit the scanner driver, then disconnect the USB cable from the computer and reconnect it.
 3. Turn on the machine.
- Do not connect two or more scanners or multifunction printers with scanner function to the same computer simultaneously. If multiple scanning devices are connected, you cannot scan from the operation panel of the machine and also may experience errors while accessing the devices.
- When using a network compatible model by connecting to a network, the machine cannot be accessed from multiple computers at the same time.
- When using a network compatible model by connecting to a network, scanning takes longer than usual.
- Make sure that you have adequate disk space available when scanning large images at high resolutions. For example, at least 300 MB of free space is required to scan an A4 document at 600 dpi in full-color.
- Do not enter the computer into sleep or hibernate state during scanning.

Updating the Scanner Driver

- ▶ **Obtaining the Latest Scanner Driver**
- ▶ **Before Installing the Scanner Driver**
- ▶ **Installing the Scanner Driver**

Obtaining the Latest Scanner Driver

Upgrading your current scanner driver to the latest scanner driver may solve some problems you have experienced.

To obtain the scanner driver, access our website and download the scanner driver for your model.

Important

- Scanner driver can be downloaded for free; however, Internet connection fees apply.

Related Topic

- [Before Installing the Scanner Driver](#)
- [Installing the Scanner Driver](#)

Before Installing the Scanner Driver

Check the following points before installing the scanner driver. Check these also when you cannot install the scanner driver.

Machine Status

- If the machine and computer are connected with a USB cable, disconnect the USB cable from the computer.

Computer Settings

- Close all running applications.
- Log in as the administrator of the computer. You will be required to enter the name and password of the user with administrator privileges. If you have multiple user accounts on Mac OS X, log in with the first administrator account created.

►► Important

- If you install an older version of the scanner driver after installing a newer one, the scanner driver may not operate properly. In that case, reinstall the newer scanner driver.

►► Note

- When installing multiple versions of the scanner driver, install the older scanner driver first.

Related Topic

- [Obtaining the Latest Scanner Driver](#)
- [Installing the Scanner Driver](#)

Installing the Scanner Driver

Access our website via the Internet to download the latest scanner driver.

Follow these steps to install the downloaded scanner driver.

1. Mount the disk.

Double-click the downloaded disk image file.

The file is decompressed and the disk is mounted.

2. Start the installer.

Double-click the ".pkg" file in the decompressed disk.

Installation starts.

3. Install the driver.

Follow the prompts to install.

When the license agreement screen appears, read the terms and click **Continue**. If you do not accept the license agreement, you cannot install this software.

If an authentication screen appears, enter the administrator's name and password, then click **Install Software**.

4. Complete the installation.

The scanner driver is installed.

Set up the network environment if you have more than one scanner or have a network compatible model and changed the connection from USB connection to network connection.

Refer to "[Network Scan Settings](#)" for the setting procedure.

Important

- Installation may fail if you click **Go Back** during the process. In that case, select **Quit Installer** from the **Installer** menu to exit the installer, then start over the installation.
- Scanner driver can be downloaded for free; however, Internet connection fees apply.

Related Topic

- [Obtaining the Latest Scanner Driver](#)
- [Before Installing the Scanner Driver](#)

Scanning Tips

- ▶ **Resolution**
- ▶ **Data Formats**


Resolution

The data in the image you have scanned is a collection of dots carrying information about brightness and color. The density of these dots is called "resolution," and resolution will determine the amount of detail your image contains. The unit of resolution is dots per inch (dpi). Dpi is the number of dots per inch (2.5 cm).

The higher the resolution (value), the more detail in your image; the lower the resolution (value), the less detail.



How to Set the Resolution

You can set the resolution in **Resolution** on the  (Scanning from a Computer) tab of the Settings dialog.

Appropriate Resolution Settings

Set the resolution according to the use of the scanned image.

Item Type	Use	Color Mode	Appropriate Resolution
Color photo	Copying (Printing)	Color	300 dpi
	Creating a postcard	Color	300 dpi
	Saving to a computer	Color	300 dpi
	Using on a website or attaching to e-mail	Color	150 dpi
Black and white photo	Saving to a computer	Grayscale	300 dpi
	Using on a website or attaching to e-mail	Grayscale	150 dpi
Text document (document or magazine)	Copying	Color, Grayscale, or Black and White	300 dpi
	Attaching to e-mail	Color, Grayscale, or Black and White	150 dpi
	Scanning text using OCR	Color or Grayscale	300 dpi

►►► Important

- If you double the resolution, the data size of the scanned image quadruples. If the file is too large, the processing speed will slow down significantly, and you will experience inconvenience such as lack of memory. Set the minimum required resolution according to the use of the image.

►►► Note

- When you will be printing the scanned image by enlarging it, scan by setting a higher resolution than the recommended one above.

Data Formats

You can select a data format when saving scanned images. You should specify the most suitable data format according to how you want to use the image on which application.

Available data formats vary by application and operating system (Windows or Mac OS).

See below for the characteristics of each image data format.

PNG (Standard File Extension: .png)

A data format often used on websites.

PNG is suitable for editing saved images.

JPEG (Standard File Extension: .jpg)

A data format often used on websites and for digital camera images.

JPEG features high compression rates. JPEG images slightly degrade every time they are saved, and cannot be returned to their original state.

JPEG is not available for black and white images.

TIFF (Standard File Extension: .tif)

A data format featuring a relatively high compatibility between various computers and applications.

TIFF is suitable for editing saved images.

►► Note

- Some TIFF files are incompatible.
- IJ Scan Utility supports the following TIFF file formats.
 - Uncompressed, black and white binary
 - Uncompressed, RGB (8 bits per channel)
 - Uncompressed, Grayscale

PDF (Standard File Extension: .pdf)

A data format for electronic documents, developed by Adobe Systems Incorporated.

It can be used on various computers and operating systems, and fonts can be embedded as well; therefore, people in different environments can exchange the files without being aware of the differences.

Positioning Originals (Scanning from Computer)

Learn how to place items on the platen of your scanner or printer. Place items correctly according to the type of item to be scanned. Otherwise, items may not be scanned correctly.

▶▶▶ Important

- Do not place objects on the document cover. When you open the document cover, the objects may fall into your scanner or printer, resulting in malfunction.
- Close the document cover when scanning.

Placing Items

Place items as described below to scan by detecting the item type or size automatically.

▶▶▶ Important

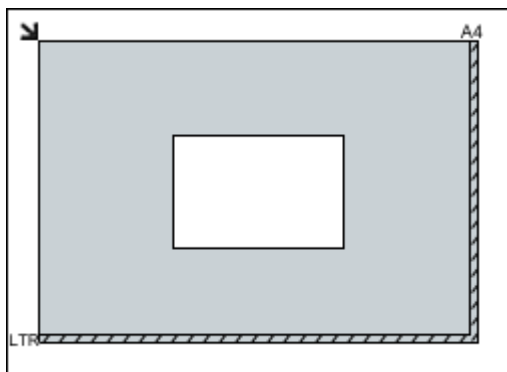
- When scanning by specifying the paper size in IJ Scan Utility or the scanner driver, align an upper corner of the item with the corner at the arrow (alignment mark) of the platen.
- Photos that have been cut to various shapes and items smaller than 1.2 inches (3 cm) square cannot be cropped accurately when scanning.
- Reflective disc labels may not be scanned as expected.
- When scanned using the scanner driver, the response may differ. In that case, adjust the cropping frame (selection box) manually.

For Photos, Postcards, Business Cards, or BD/DVD/CD



Placing a Single Item:

Place the item face-down on the platen, with 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen and the item. Portions placed on the diagonally striped area cannot be scanned.



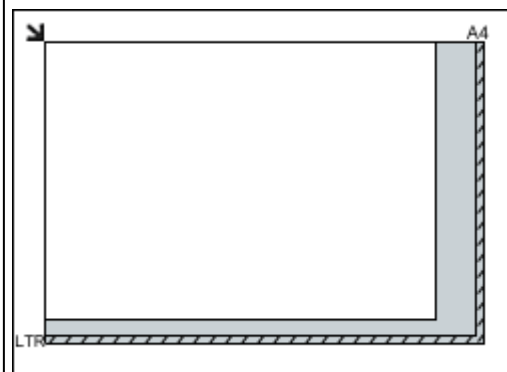
▶▶▶ Important

- Large items (such as A4 size photos) that cannot be placed away from the edges/arrow (alignment mark) of the platen may be saved as PDF files. To save in a format other than PDF, scan by specifying the data format.

For Magazines, Newspapers, or Documents



Place the item face-down on the platen and align an upper corner of the item with the corner at the arrow (alignment mark) of the platen. Portions placed on the diagonally striped area cannot be scanned.

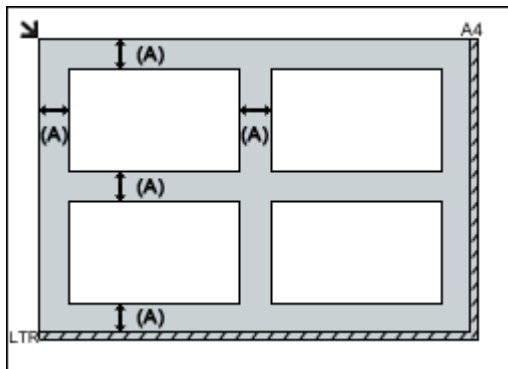


▶▶▶ Important

- Refer to "Loading Originals" for your model from Home of the *Online Manual* for details on the portions in which items cannot be scanned.

Placing Multiple Items:

Allow 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen and items, and between items. Portions placed on the diagonally striped area cannot be scanned.



(A) more than 0.4 inch (1 cm)

▶▶▶ Note

- In IJ Scan Utility, you can place up to 12 items.
- Positions of slanted items (10 degrees or less) are corrected automatically.

Network Scan Settings

You can connect your scanner or printer to a network to share it among multiple computers or scan images into a specified computer.

▶▶▶ Important

- Multiple users cannot scan at the same time.
- To scan over a network, enable Bonjour on your scanner or printer.

▶▶▶ Note

- Complete the network settings of your scanner or printer beforehand by following the instructions on the web page.
- With network connection, scanning takes longer than USB connection.

Setting for Scanning with IJ Scan Utility

In the IJ Scan Utility main screen, select your scanner or printer that is connected to a network.

1. [Start IJ Scan Utility.](#)
2. Select "Canon XXX series Network" (where "XXX" is the model name) for **Product Name**.

You can scan via a network connection.

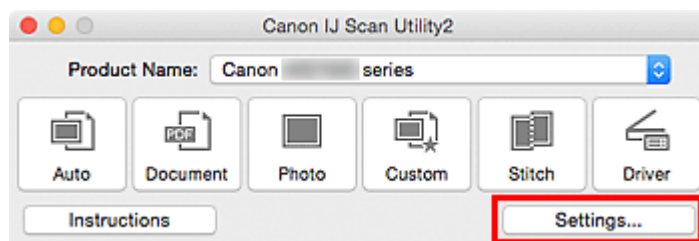
▶▶▶ Note

- If you cannot scan, check that your scanner or printer is selected in the [network selection screen](#).


Setting for Scanning from the Operation Panel

You can make the setting for scanning from the operation panel.

1. [Start IJ Scan Utility.](#)
2. Click **Settings...**



The [Settings dialog](#) appears.

3. Click the  (General Settings) tab.

The **Settings (General Settings)** dialog appears.

4. In **Product Name**, select an item with "Network" after the product name, then click **Select** that appears to its right.

The [network selection screen](#) appears.

5. Click **Scan-from-Operation-Panel Settings**.

The Scan-from-Operation-Panel Settings screen appears.

6. Select your scanner or printer from **Scanners** and click **OK**.

7. Return to the network selection screen, then click **OK**.


The IJ Scan Utility main screen reappears. You can scan from the operation panel.

»» Note

- If the Bonjour service name of your scanner or printer does not appear or cannot be selected, check the following, click **OK** to close the screen, then reopen it and try selecting again.
 - The scanner driver is installed
 - Network settings of your scanner or printer is completed after installing the scanner driver
 - Network communication between your scanner or printer and computer is enabled

If your scanner or printer still does not appear, refer to "Network Communication Problems" for your model from Home of the *Online Manual*.

Scanning from Operation Panel

- ▶ **Forwarding Scanned Data to Computer Using Operation Panel**  **Basics**
- ▶ **Attaching Scanned Data to E-mail Using Operation Panel**
- ▶ **Setting Items for Scanning Using Operation Panel**
- ▶ **Setting Up Operation Panel with IJ Scan Utility (Windows)**
- ▶ **Setting Up Operation Panel with IJ Scan Utility (Mac OS)**

Forwarding Scanned Data to Computer Using Operation Panel

Before forwarding scanned data to the computer, check the following:

- **MP Drivers are installed. (Windows)**

If MP Drivers are not yet installed, install MP Drivers with the Setup CD-ROM or install them from the Canon website.

- **The scanner driver is installed. (Mac OS)**

If the scanner driver is not yet installed, install the scanner driver from the Canon website.

- **The machine is connected to a computer correctly.**

Make sure the machine is connected to the computer correctly.

Do not plug in or unplug the USB cable or LAN cable while the machine is in operation, or when the computer is in the sleep or standby mode.

If you perform scanning via a network connection, make sure all the required settings have been specified.

- For Windows:

- [Network Scan Settings](#)

- For Mac OS:

- [Network Scan Settings](#)

- **The destination and the file name are specified in Canon IJ Scan Utility.**

You can specify the destination and the file name in Canon IJ Scan Utility. For more on settings of Canon IJ Scan Utility:


- For Windows:

- [Settings Dialog Box](#)

- For Mac OS:

- [Settings Dialog](#)

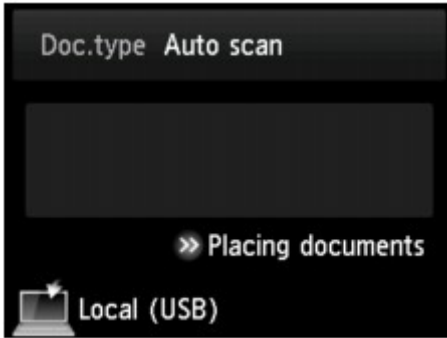
1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **Scan.**

■ [Using the Operation Panel](#)

If you forward the data to the USB-connected computer:

The Scan standby screen is displayed.



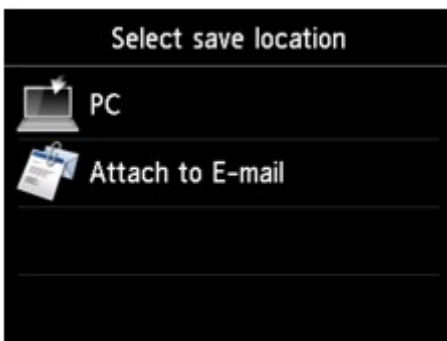
Go to step 3.

»» Note

- If the screen for selecting to which you save the data is displayed, tap **PC** and tap **Local (USB)**. The Scan standby screen is displayed.


If you forward the data to the network-connected computer:

The screen for selecting to which you save the data is displayed.



»» Note

- If the Scan standby screen for forwarding the data to the USB-connected computer is displayed on

the touch screen, tap  to display the screen for selecting to which you save the data.

Select the computer to forward the scanned data following the procedure below.

1. Tap  **PC**.

2. Tap computer to forward scanned data.



The Scan standby screen is displayed.

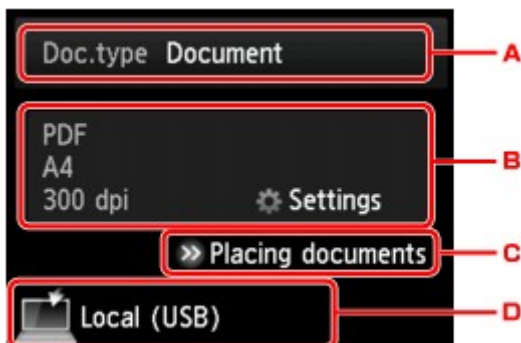
»» Note

- If you tap **Local (USB)** on the **Select PC** screen, the data is forwarded to the USB-connected computer.
- When you forward the scanned data to the computer using WSD (one of the network protocols supported in Windows 8.1, Windows 8, Windows 7, and Windows Vista), select **Enable** for **WSD scan from this device** on **WSD setting** on **Other settings in LAN settings** under **Device settings**.

■ [WSD setting](#)

If you tap **Search again**, the machine starts searching for the connected computers again.

3. Specify settings as necessary.



A. Tap to select the document type.

»» Note

- When you forward the scanned data to the computer searched using WSD, you cannot select the document type.

Auto scan

The machine detects the type of the originals automatically and the image is forwarded in the optimized size, resolution and data format.

»» Important

- Load originals properly according to their type; otherwise, some originals may not be scanned properly.

For more on loading the original:

■ [Loading Originals](#)

- The following items can be scanned:
Photos, postcards, visiting cards, magazines, newspapers, documents, BD/DVD/CDs
- The following items cannot be scanned properly.
 - A4 sized photos
 - Documents smaller than 5 inches x 7 inches (127 mm x 178 mm) such as a paperback with its backbone cut off
 - Originals on thin white paper
 - Long and narrow originals such as panoramic photographs

Document

Scans the original on the platen glass as a document data applying the settings specified in **Scan settings**.

Photo

Scans the original on the platen glass as a photo data applying the settings specified in **Scan settings**.

B. Tap to display **Scan settings** screen.

For more on the setting items:

■ [Setting Items for Scanning Using Operation Panel](#)

C. Tap to display how to load the original.

D. Tap to display the screen to select the destination.

4. [Load original on platen glass.](#)

5. Touch **Color** button for color scanning, or **Black** button for black & white scanning.

▶▶▶ Note

• When you forward the scanned data to the computer using WSD, touch the **Color** button.

• If you select **JPEG** or **TIFF** for **Format** on the scan setting screen:

The machine starts scanning and scanned data is forwarded to the computer.

• When you select **PDF** or **Compact PDF** for **Format** on the scan setting screen:

The confirmation screen asking you if you continue scanning is displayed after scanning is complete.



If you continue scanning, load the original on the platen glass and start scanning.

If you do not continue scanning, tap **End**. The scanned data is forwarded to the computer.

Scanned data is forwarded to the computer according to the settings specified in Canon IJ Scan Utility.

Remove the original on the platen glass after scanning is complete.

▶▶▶ Important

• If the scanning result with **Auto scan** is not satisfactory, select the document type or size according to the original in step 3.

If program selection screen appears (Windows):

- **For Windows 8.1, Windows 8, Windows 7, or Windows Vista:**

The program selection screen may be displayed after touching the **Color** or **Black** button. In this case, select **Canon IJ Scan Utility** and click **OK**.

- **For Windows XP:**

The program selection screen may be displayed after touching the **Color** or **Black** button for the first time. In this case, specify **Canon IJ Scan Utility** as the application software to use, select **Always use this program for this action**, and then click **OK**. From the next time, Canon IJ Scan Utility is automatically started.

If you want to scan originals with advanced settings, or if you want to edit or print scanned images:

If you scan originals from a computer using My Image Garden, My Image Garden enables you to edit the scanned images, such as optimizing or trimming.

In addition, you can edit or print the scanned images using the compatible application software to make better use of them.

■ Scanning Photos and Documents

▶▶ Note

- For Windows:
 - You can use a WIA-compliant application software and the Control Panel (Windows XP only) to scan originals with this machine.
For details:
 - Other Scanning Methods
 - If you want to convert a scanned document to text:
 - Extracting Text from Scanned Images (OCR)

Attaching Scanned Data to E-mail Using Operation Panel

Before attaching scanned data to an e-mail, check the following:

- **MP Drivers are installed. (Windows)**

If MP Drivers are not yet installed, install MP Drivers with the Setup CD-ROM or install them from the Canon website.

- **The scanner driver is installed. (Mac OS)**

If the scanner driver is not yet installed, install the scanner driver from the Canon website.

- **The machine is connected to a computer correctly.**

Make sure the machine is connected to the computer correctly.

Do not plug in or unplug the USB or LAN cable while the machine is in operation, or when the computer is in the sleep or standby mode.

If you perform scanning via a network connection, make sure all the required settings have been specified.

- For Windows:

- [Network Scan Settings](#)

- For Mac OS:

- [Network Scan Settings](#)

- **The mail software and the file name are specified in Canon IJ Scan Utility.**

You can specify the destination and the file name in Canon IJ Scan Utility. For more on settings of Canon IJ Scan Utility:


- For Windows:

- [Settings Dialog Box](#)

- For Mac OS:

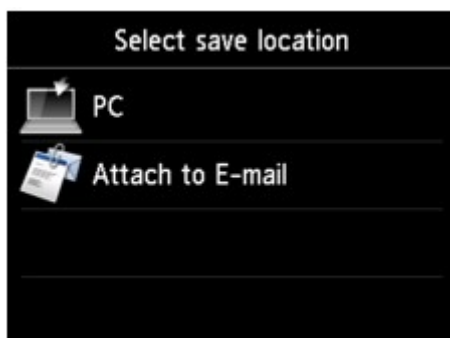
- [Settings Dialog](#)

1. [Make sure machine is turned on.](#)

2. Flick HOME screen and tap  **Scan.**


■ [Using the Operation Panel](#)

The screen for selecting to which you save the data is displayed.



▶▶▶ Note

- If the Scan standby screen for forwarding the data to the USB-connected computer is displayed

on the touch screen, tap  to display the screen for selecting to which you save the data.



3. Tap **Attach to E-mail**.

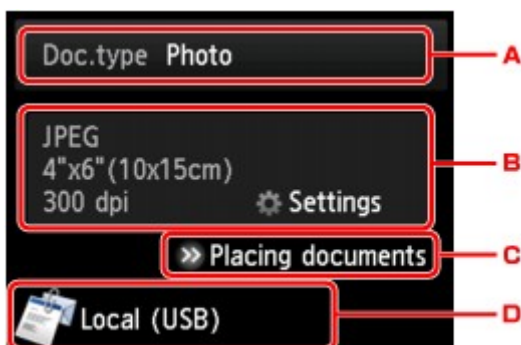
4. Tap computer to forward scanned data.

Tap **Local (USB)** for a USB-connected computer, or tap the computer to forward the scanned data for a network-connected computer.



The Scan standby screen is displayed.

5. Specify settings as necessary.



A. Tap to select the document type.

Auto scan

The machine detects the type of the originals automatically and the image is forwarded in the optimized size, resolution and data format.

▶▶▶ Important

- Load originals properly according to their type; otherwise, some originals may not be scanned properly.

For more on loading the original:

■ [Loading Originals](#)

- The following items can be scanned:

Photos, postcards, visiting cards, magazines, newspapers, documents, BD/DVD/CDs

- The following items cannot be scanned properly.
 - A4 sized photos
 - Documents smaller than 5 inches x 7 inches (127 mm x 178 mm) such as a paperback with its backbone cut off
 - Originals on thin white paper
 - Long and narrow originals such as panoramic photographs

Document

Scans the original on the platen glass as a document data applying the settings specified in **Scan settings**.

Photo

Scans the original on the platen glass as a photo data applying the settings specified in **Scan settings**.

- B. Tap to display **Scan settings** screen.

For more on the setting items:

■ [Setting Items for Scanning Using Operation Panel](#)

- C. Tap to display how to load the original.
D. Tap to display the screen to select the destination.

6. [Load original on platen glass.](#)

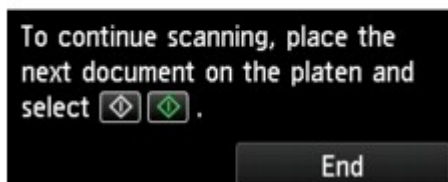
7. Touch **Color** button for color scanning, or **Black** button for black & white scanning.

- If you select **JPEG** for **Format** on the scan setting screen:

The machine starts scanning and scanned data is forwarded to the computer and attached to an e-mail.

- If you select **PDF** or **Compact PDF** for **Format** on the scan setting screen:

The confirmation screen asking you if you continue scanning is displayed after scanning is complete.



If you continue scanning, load the original on the platen glass and start scanning.

If you do not continue scanning, tap **End**. The scanned data is forwarded to the computer.

Scanned data is forwarded to the computer and attached to an e-mail according to the settings specified in Canon IJ Scan Utility.

For the settings or how to send an e-mail, refer to the mail software's instruction manual.

Remove the original on the platen glass after scanning is complete.

Important

- If the scanning result with **Auto scan** is not satisfactory, select the document type or size according to the original in step 5.

If program selection screen appears (Windows):

- **For Windows 8.1, Windows 8, Windows 7, or Windows Vista:**

The program selection screen may be displayed after touching the **Color** or **Black** button. In this case, select **Canon IJ Scan Utility** and click **OK**.

- **For Windows XP:**







The program selection screen may be displayed after touching the **Color** or **Black** button for the first time. In this case, specify **Canon IJ Scan Utility** as the application software to use, select **Always use this program for this action**, and then click **OK**. From the next time, Canon IJ Scan Utility is automatically started.







Setting Items for Scanning Using Operation Panel

You can change the scan settings such as the scan size, resolution, or data format.

When the Scan standby screen is displayed, tap **Settings** to select the setting item. Flick to display setting items and tap the setting item to display the settings. Tap to specify the setting.

▶▶▶ Note

- The scan setting cannot be specified under the following conditions:
 - When **Auto scan** is selected for **Doc.type** to forward the scanned data to the computer
 - When you forward the scanned data to the computer using WSD (one of the network protocols supported in Windows 8.1, Windows 8, Windows 7, and Windows Vista)
- Some settings cannot be specified in combination with the setting of other setting item, the document type selected for **Doc.type**, or the scan menu on the screen for selecting to which you save the data. If the setting which cannot be specified in combination is selected,  and **Error details** are displayed on the touch screen. In this case, tap  on the upper left on the touch screen to check the message and change the setting.
- The specified scan settings such as the scan size, resolution, and data format are retained even if the machine is turned off.
- When scanning starts in the scan menu that is not available with the specified setting, **The specified function is not available with current settings.** is displayed on the touch screen. Change the setting, following the on-screen instructions.
- When you forward the scanned data to the computer or attach the data to an e-mail, you can specify the destination and file name using Canon IJ Scan Utility.
 - For Windows:
 -  Settings Dialog Box
 - For Mac OS:
 -  [Settings Dialog](#)
- If you scan originals from the computer, you can scan with advanced settings. For more on scanning from the computer:
 - For Windows:
 -  Scanning Photos and Documents
 - For Mac OS:
 -  Scanning Photos and Documents

Scan settings		
Scan size	A4	 1
Format	PDF	 2
Scan res	300 dpi	 3
Reduce show-thru	OFF	 4
Descreen	OFF	
Unsharp mask	ON	 5
		 6

1. **Scan size**

Select the size of the original.

2. **Format**

Select the data format of the scanned data.

3. **Scan res** (Scan resolution)

Select the resolution for scanning.

4. **Reduce show-thru** (Reducing show-through)

Characters on the back may show through when scanning a thin document such as a newspaper. Select **ON** if characters seem to show through on the scanned document.

This setting item is not available when **Photo** is selected for **Doc.type**.

5. **Descreen**

A printout consists of minute dots to make characters or graphs. Interfering with each dot may result in uneven shades or a striped pattern. Select **ON** if you notice any uneven shades or a striped pattern on the scanned image.

This setting item is not available when **Photo** is selected for **Doc.type**.

»» Note

- Even if **ON** is selected for this setting, some moire effects may remain if **Unsharp mask** is set to **ON**. In that case, select **OFF** for **Unsharp mask**.

6. **Unsharp mask**

The outline of small characters or thin objects such as a hair or leaves on a photo can be accentuated. Select **ON** if you want to accentuate the outline of the scanned data.

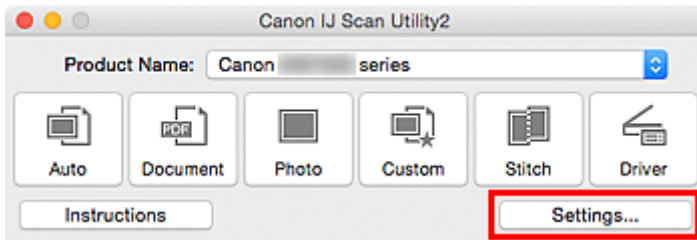
Setting Up Operation Panel with IJ Scan Utility (Mac OS)

IJ Scan Utility allows you to specify how to respond when scanning from the operation panel.

►►► Note

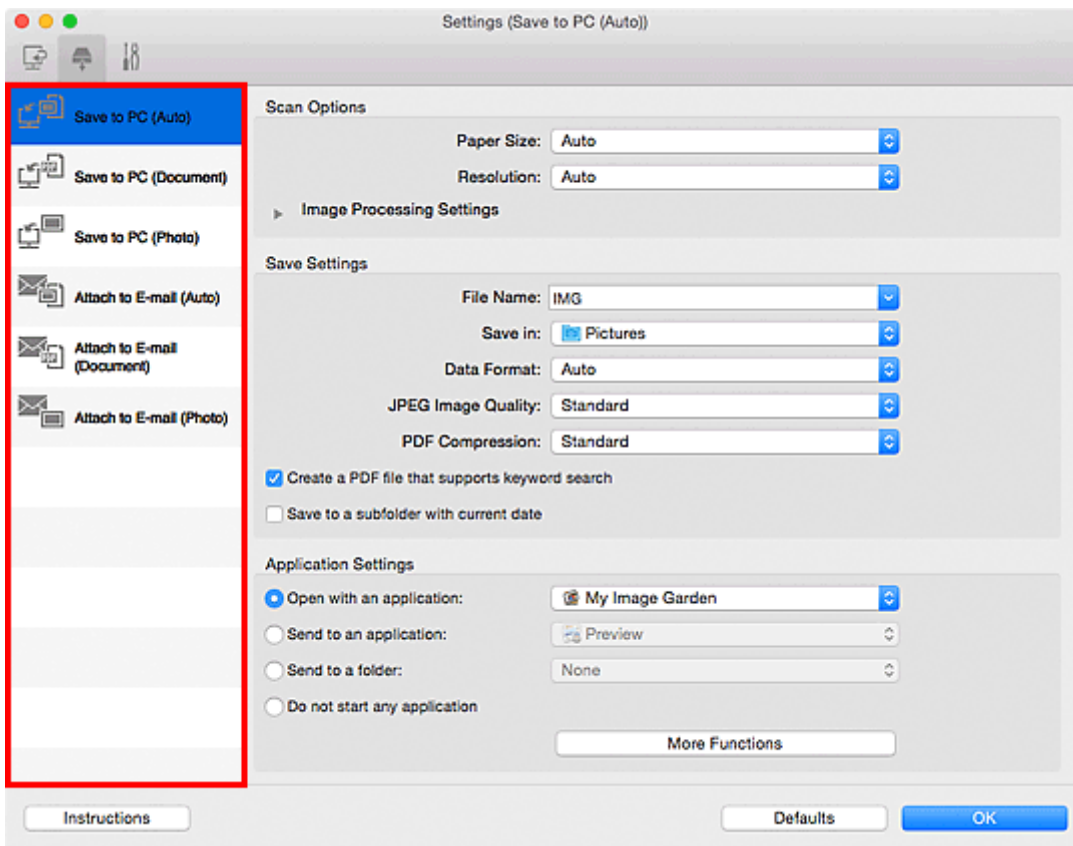
- The screens for scanning with Auto Scan from the operation panel are used as examples in the following descriptions.

1. [Start IJ Scan Utility.](#)
2. Click **Settings....**



The Settings dialog appears.

3. Select a scan mode on the  (Scanning from the Operation Panel) tab.



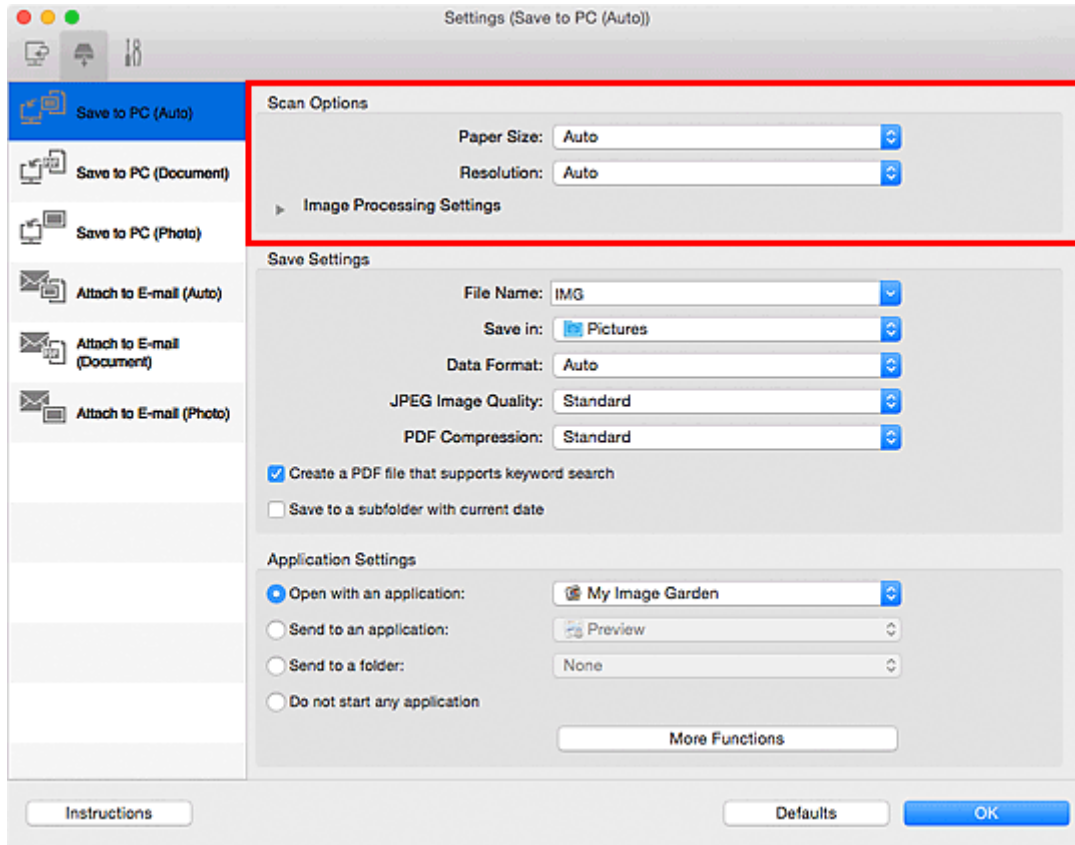
►►► Note

- Refer to the following for details.

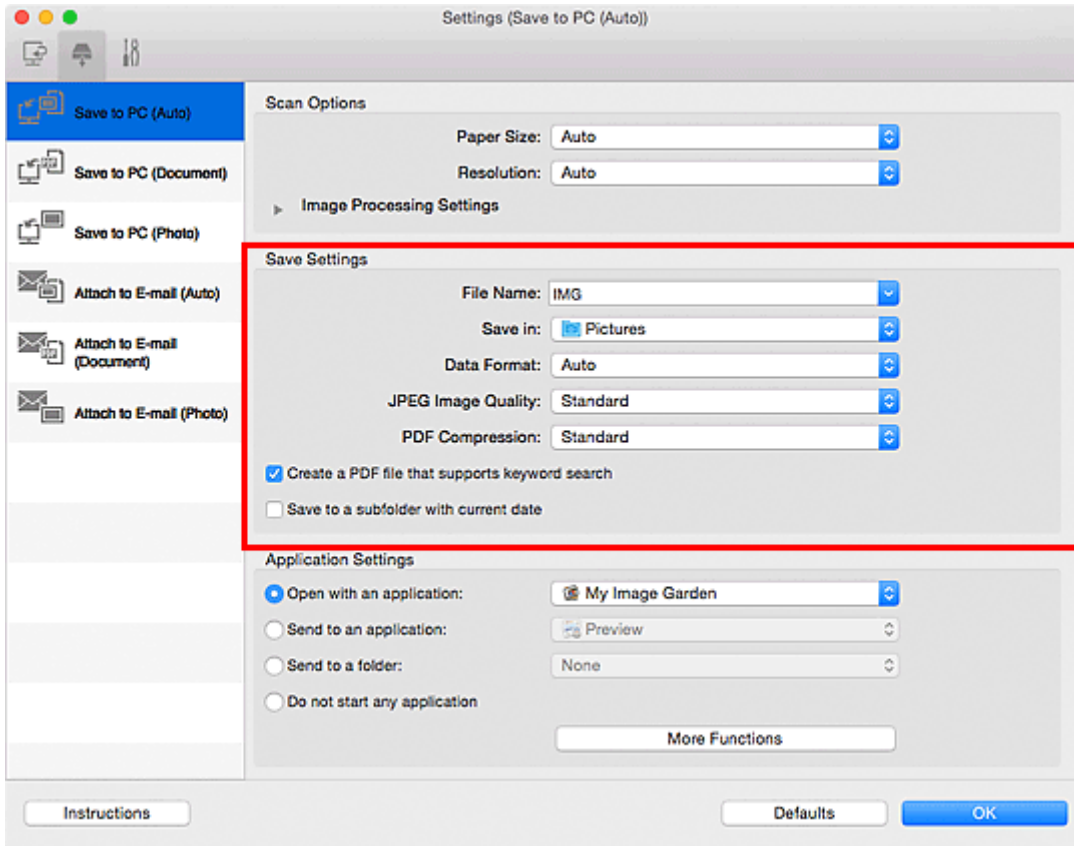
- [Settings \(Save to PC \(Auto\)\) Dialog](#)
- [Settings \(Save to PC \(Document\)\) Dialog](#)

- [Settings \(Save to PC \(Photo\)\) Dialog](#)
- [Settings \(Attach to E-mail \(Auto\)\) Dialog](#)
- [Settings \(Attach to E-mail \(Document\)\) Dialog](#)
- [Settings \(Attach to E-mail \(Photo\)\) Dialog](#)

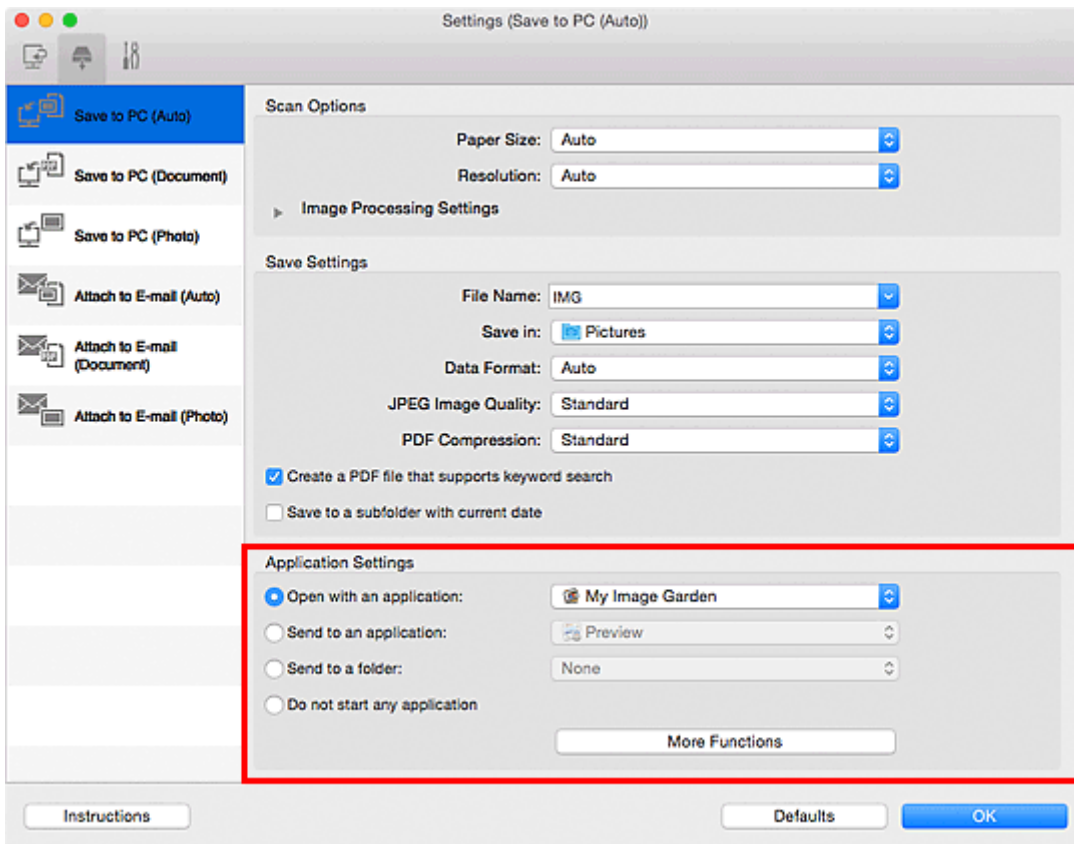
4. Set **Scan Options**.



5. Specify the file name and other settings in **Save Settings**.



6. Select the application you want to start after scanning in **Application Settings**.



7. Click **OK**.

The responses will be executed according to the specified settings when you start scanning from the operation panel.

Scanning Using Smartphone/Tablet

This machine supports the following scan functions.

PIXMA/MAXIFY Cloud Link

PIXMA/MAXIFY Cloud Link is a web service provided by Canon. Save scanned images to data storage services through integration with various cloud services without using a computer.

- [Using PIXMA/MAXIFY Cloud Link](#)

Short-Range Wireless Communication Technology "Near Field Communication" (NFC)

Start scanning to an Android smartphone by placing the Android smartphone over the NFC mark on the operation panel of the machine.

▶▶ Important

- Only NFC-enabled Android smartphones on which Canon PRINT Inkjet/SELPHY is installed are supported.

- [Scanning by Placing a Smartphone over Machine](#)

Using PIXMA/MAXIFY Cloud Link

By using PIXMA/MAXIFY Cloud Link, you can connect your printer to a cloud service, such as CANON iMAGE GATEWAY, Evernote, or Twitter, and use the following functions without using a computer:

- Print images from a photo-sharing service
- Print documents from a data management service
- Save scanned images to a data management service.
- Use Twitter to report the printer status, such as no paper or low ink levels.

In addition, you can use various functions by adding and registering apps that are linked with various cloud services.

■ [Using PIXMA/MAXIFY Cloud Link from Your Printer](#)

■ [Using PIXMA/MAXIFY Cloud Link from Your Smartphone, Tablet, or Computer](#)



▶▶▶ Important

- In certain countries, PIXMA/MAXIFY Cloud Link may not be available or the available apps may be different.
- Some apps require that you have an account before you use those apps. For such apps, please set up an account beforehand.
- To find out which models support PIXMA/MAXIFY Cloud Link check the Canon homepage.
- The screen display may change without prior notice.

Scanning by Placing a Smartphone over Machine

The machine supports NFC (Near Field Communication), a short-range wireless communication technology. By placing an NFC-enabled Android smartphone or tablet over the NFC mark on the operation panel of the machine, you can scan items placed on the platen glass of the machine.



Before Using NFC

Download and install "Canon PRINT Inkjet/SELPHY".

Download free from Google Play.

►► Important

- May not be available depending on your country or region.
- The application can be downloaded for free; however, Internet connection fees apply.

Scanning with NFC

Before you start scanning, make sure "Canon PRINT Inkjet/SELPHY" is installed on your smartphone.

1. [Load original on platen glass.](#)
2. Start "Canon PRINT Inkjet/SELPHY".
3. Select **Scan** and set item size, etc. as needed.
4. Place smartphone over NFC mark on machine.

The smartphone is connected to the machine automatically and the machine starts scanning.

When scanning is completed, scanned data is forwarded to the smartphone.

►► Important

- If scanning does not start, change the position over which to place the smartphone.

Troubleshooting

■ [Cannot Print/Scan from NFC Compliant Device](#)

Troubleshooting

Frequently Asked Questions

- [Cannot Find Machine on Network](#)
- [Cannot Find Machine on Wireless LAN](#)
- [Printing Does Not Start](#)
- [Paper Is Blank/Printing Is Blurry/Colors Are Wrong/White Streaks Appear](#)
- [An Error Occurs](#)
- [Print Results Are Unsatisfactory](#)
- [Message Appears](#)
- [Cannot Install MP Drivers](#)
- [Network Key Unknown](#)
- [Paper Jams](#)

Examples of Problems

- Machine Does Not Move
 - [Power Does Not Come On](#)
 - [Power Shuts Off By Itself](#)
 - [Machine Suddenly Cannot Be Used](#)
 - [Printing Does Not Start](#)
 - [Paper Jams](#)
 - [Scanning Problems \(Windows\)](#)
 - [Scanning Problems \(Mac OS\)](#)
 - [Cannot Print/Scan from Smartphone/Tablet](#)
 - [Cannot Print/Scan from NFC Compliant Device](#)
- Cannot Set Correctly
 - [Cannot Find Machine on Check Printer Settings Screen](#)
 - [Message Appears on Computer During Setup](#)
 - [Cannot Find Machine on Wireless LAN](#)
 - [Cannot Find Machine on Wired LAN](#)
 - [USB Connection Problems](#)
 - [Cannot Communicate with Machine via USB](#)
 - [Network Key Unknown](#)
 - [Machine Cannot Be Used After Replacing Wireless Router or Changing Its Settings](#)
 - [Administrator Password Set for Machine Unknown](#)
 - [Checking Network Information](#)
 - [Restoring to Factory Defaults](#)
 - [Cannot Install MP Drivers](#)
 - [Easy-WebPrint EX Does Not Start or Easy-WebPrint EX Menu Does Not Appear \(Windows\)](#)
 - [Updating MP Drivers in Network Environment \(Windows\)](#)
- Print/Scan Results Are Unsatisfactory
 - [Printing Does Not Start](#)
 - [Printing Is Slow](#)

- [Copying/Printing Stops](#)
- [Print Results Are Unsatisfactory](#)
- [No Ink Comes Out](#)
- [Paper Jams](#)
- [Paper Does Not Feed Properly/"No Paper" Error](#)
- [Cannot Print on Disc Label](#)
- [Automatic Duplex Printing Problems](#)
- Scan Results Are Unsatisfactory (Windows)
- [Scan Results Are Unsatisfactory](#) (Mac OS)
- **Error or Message Appears**
 - [An Error Occurs](#)
 - [Display on Touch Screen Is Off](#)
 - [Touch Screen Shows Wrong Language](#)
 - [Message Appears](#)
 - [List of Support Code for Error](#)
 - [Error Message Appears on PictBridge \(Wireless LAN\) Compliant Device](#)
 - IJ Scan Utility Error Messages (Windows)
 - [IJ Scan Utility Error Messages](#) (Mac OS)
 - ScanGear (Scanner Driver) Error Messages
 - [Scanner Driver Error Messages](#)

Operation Problems

- [Network Communication Problems](#)
- [Printing Problems](#)
- [Problems while Printing/Scanning from Smartphone/Tablet](#)
- Scanning Problems (Windows)
- [Scanning Problems \(Mac OS\)](#)
- [Mechanical Problems](#)
- [Installation and Download Problems](#)
- [Errors and Messages](#)
- [If You Cannot Solve a Problem](#)

Network Communication Problems

- ▶ **Cannot Find Machine on Network**
- ▶ **Network Connection Problems**
- ▶ **Other Network Problems**

Cannot Find Machine on Network

- ▶ **Cannot Find Machine on Printers on Network List Screen**
- ▶ **Cannot Find Machine on Check Printer Settings Screen**
- ▶ **Cannot Find Machine on Wireless LAN**
- ▶ **Cannot Find Machine on Wired LAN**

▶▶▶ Note

- You cannot use the wireless LAN and the wired LAN at the same time.

Cannot Find Machine on Check Printer Settings Screen

If the machine cannot be found on the **Check Printer Settings** screen during network communications setup, check the network settings and try again.

■ ■ [Cannot Find Machine During Wireless LAN Setup: Check 1](#)

■ ■ [Cannot Find Machine During Wired LAN Setup: Check 1](#)

▶▶ Important

- If the machine cannot be detected while you are setting up the network communication using a USB cable, the machine may be in the direct connection. In this case, finish the direct connection and enable the wireless LAN and try to redetect the machine.

■ ■ [Using Machine with Direct Connection](#)

▶▶ Note

- To set up network communications via USB instead, select **Set up the network connection via USB** check box on **Check Printer Settings** screen, and then click **Next**.



Cannot Find Machine During Wireless LAN Setup: Check 1



Are machine and network device (router, etc.) turned on?

Make sure machine is turned on.

■ [Confirming that the Power Is On](#)

Make sure network device (router, etc.) is turned on.

If machine or network device is off:

Turn on machine or network device.

It may take a while for the machine and network device to become ready for use once they are turned on. Wait a while after turning on the machine or network device, and then click **Redetect** on the **Check Printer Settings** screen to redetect the machine.

If the machine is found, follow the instructions on the screen to continue to set up network communication.

If machine and network device are on:

If the machine cannot not be found after trying to redetect it, even though the machine and the network device are on, go to Check 2.



■ [Cannot Find Machine During Wireless LAN Setup: Check 2](#)

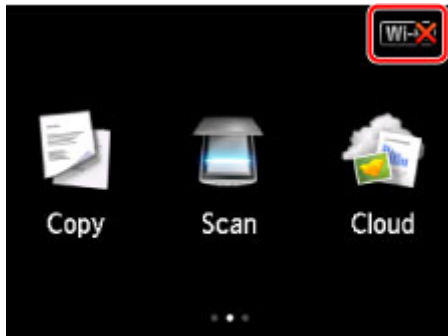


Cannot Find Machine During Wireless LAN Setup: Check 2



Is machine set to allow wireless communication?

Make sure the  or  icon is displayed on the touch screen.



If icon is not displayed:

The machine is not set to allow wireless communication. Turn on wireless communication on the machine.

Once you have turned on wireless communication, click **Back to Top** on the **Check Printer Settings** screen to redo the network communication setup from the beginning.

If icon is displayed:

Go to check 3.

[Cannot Find Machine During Wireless LAN Setup: Check 3](#)

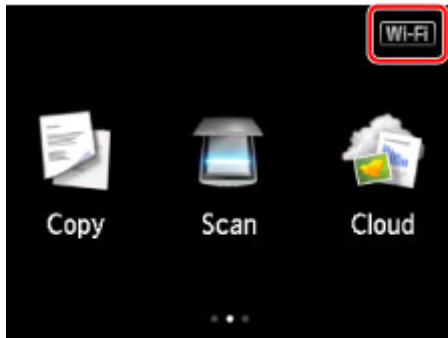


Cannot Find Machine During Wireless LAN Setup: Check 3



Is machine connected to wireless router?

Use the icon on the touch screen to make sure the machine is connected to the wireless router.



If icon is displayed:

Make sure the wireless router you are using is configured to use 2.4 GHz bandwidth.

For more on checking the setting of the wireless router, refer to the instruction manual supplied with the wireless router or contact its manufacturer.

After checking the wireless router setting, make sure the machine is not placed far away from the wireless router.

The machine can be up to 50 m (164 ft) from the wireless router indoors. Make sure the machine is close enough to the wireless router to be used.

In addition, check where the machine and the wireless router are located and take the appropriate action.

- Check for obstructions between the machine and the wireless router.

Wireless communication between different rooms or floors is generally poor. Adjust the location of the machine and the wireless router.

- Make sure there is no source of radio wave interference near the machine or the wireless router.

If a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the machine or the wireless router as far away from the interference source as possible.

After taking measures above, click **Redetect** on the **Check Printer Settings** screen to redetect the machine.

If the machine is found, follow the instructions on the screen to continue to set up network communication.

If the machine cannot be detected, the machine is not connected to the wireless router. Connect the machine to the wireless router.

After connecting the machine to the wireless router, click **Back to Top** on the **Check Printer Settings** to set up the network communication from the beginning.

If  icon is displayed:

Go to check 4.

■ [Cannot Find Machine During Wireless LAN Setup: Check 4](#)



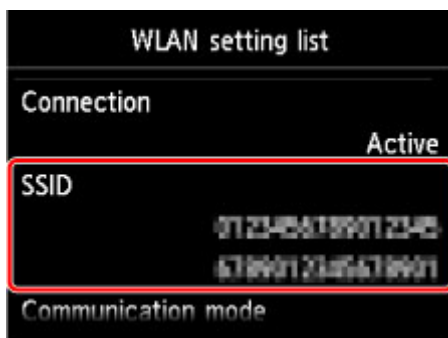
Cannot Find Machine During Wireless LAN Setup: Check 4



Does computer show same connected wireless router SSID as machine?

Check the SSID of the wireless router for the machine on the touch screen.

Select **Setup** on HOME screen and select **Device settings > LAN settings > Confirm LAN settings > WLAN setting list**.



Check your computer for the SSID of the wireless router it connects to.

- For Windows:

Check the SSID from the wireless network communication icon of the notification area on the desktop (for Windows 8.1, Windows 8, Windows 7, or Windows Vista).

- For Mac OS:

Check the SSID from the AirMac icon in the menu bar.

▶▶▶ Note

- If SSID of wireless router is not shown on your computer, check computer settings.

If SSIDs are different:

Click **Back to Top** on the **Check Printer Settings** screen to redo the network communication setup from the beginning.

Specify the same wireless router SSID for the machine that is set for the computer.

If SSIDs are the same:

Go to check 5.

■ [Cannot Find Machine During Wireless LAN Setup: Check 5](#)



Cannot Find Machine During Wireless LAN Setup: Check 5



Does your security software's firewall or computer operating system interfere with network communications setup?

The firewall of your security software or operation system for computer may limit communication between the machine and your computer. Check the firewall setting of your security software or operation system or the message shown on your computer.

If firewall interferes with setup:

- **If message appears:**

If a message appears warning that Canon software is attempting to access the network, set the security software to allow access.

After allowing the software to access, click **Redetect** on the **Check Printer Settings** screen to redetect the machine.

If the machine is found, follow the instructions on the screen to continue to set up network communication.

- **If no message appears:**

Cancel the setup, and then set the security software to allow Canon software to access the network.

- For Windows:

The file **Setup.exe** or **Setup64.exe** in the **win > Driver > DrvSetup** folder on the Setup CD-ROM

- For Mac OS:

Setup.app, **Canon IJ Network Tool.app**, **canonijnetwork.bundle**, **CIJScannerRegister.app**, **Canon IJ Scan Utility2.app**, and **CIJSUAgent.app**

After setting the security software, redo the network communication setup from the beginning.

▶▶▶ Note

- For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.

If firewall settings are not causing problem:

Go to check 6.

■ [Cannot Find Machine During Wireless LAN Setup: Check 6](#)



Cannot Find Machine During Wireless LAN Setup: Check 6



Check wireless router settings.

Check wireless router network connection settings, such as IP address filtering, MAC address filtering, and DHCP function.

Make sure the same radio channel is assigned to the wireless router and the machine.

To check the settings of the wireless router, see the instruction manual supplied with the wireless router or contact the manufacturer.

After checking the wireless router settings, click **Redetect** on the **Check Printer Settings** screen to redetect the machine.

If the machine is found, follow the instructions on the screen to continue to set up network communication.

If the machine is not yet detected, select the **Set up the network connection via USB** check box on the **Check Printer Settings** screen, and then click **Next** to set up the network communication via USB.



Cannot Find Machine During Wired LAN Setup: Check 1



Is LAN cable connected, and are machine and router on?

Make sure LAN cable is connected.

Make sure machine is turned on.

■ [Confirming that the Power Is On](#)

Make sure router is turned on.

If LAN cable is connected and machine or network device is off:

Turn on machine or network device.

It may take a while for the machine and network device to become ready for use once they are turned on.

Wait a while after turning on the machine or network device, and then click **Redetect** on the **Check Printer Settings** screen to redetect the machine.

If the machine is found, follow the instructions on the screen to continue to set up network communication.

If LAN cable is connected and machine and network device are on:

If the machine cannot not be found after trying to redetect it, even though the machine and the network device are on, go to Check 2.

■ [Cannot Find Machine During Wired LAN Setup: Check 2](#)



Cannot Find Machine During Wired LAN Setup: Check 2



Are computer and router configured and can computer connect to network?

Make sure you can view web pages on your computer.

If you cannot view any web pages:

Click **Cancel** on the **Check Printer Settings** screen to cancel to set up the network communication.

After that, configure the computer and network device.

For the procedures, refer to the instruction manuals supplied with the computer and network device, or contact their manufacturers.

If you can view web pages after configuring the computer and network device, try to set up the network communication from the beginning.

If you can view web pages:

Go to check 3.


■ [Cannot Find Machine During Wired LAN Setup: Check 3](#)

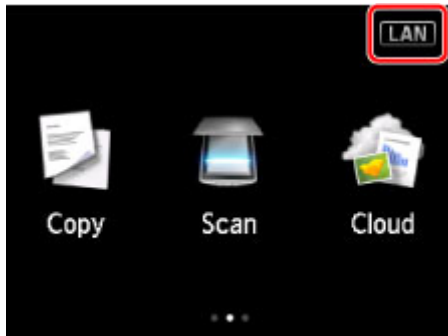


Cannot Find Machine During Wired LAN Setup: Check 3



Is machine set to allow wired communication?

Make sure the  icon is displayed on the touch screen.



If icon is not displayed:

The machine is not set to allow wired communication. Turn on wired communication on the machine.

Once you have turned on wired communication, click **Back to Top** on the **Check Printer Settings** screen to redo the network communication setup from the beginning.

If icon is displayed:

Go to check 4.

[Cannot Find Machine During Wired LAN Setup: Check 4](#)



Cannot Find Machine During Wired LAN Setup: Check 4

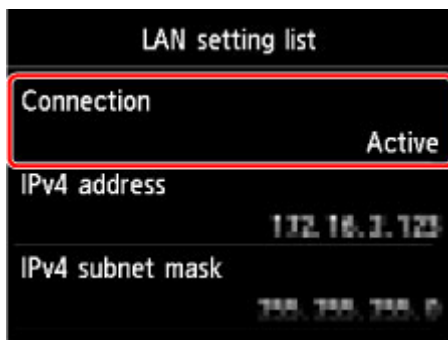


Is machine connected to router?

Use the operation panel to make sure the machine is connected to the router.

Select **Setup** on HOME screen and select **Device settings > LAN settings > Confirm LAN settings > LAN setting list**.

Make sure **Connection** on the touch screen is set to **Active**..



If Connection is set to Inactive:

The machine is not connected to the router. Connect the machine to the router.

Once you have connected the machine to the router, click **Back to Top** on the **Check Printer Settings** screen to redo the network communication setup from the beginning.

If Connection is set to Active:

Go to check 5.

■ [Cannot Find Machine During Wired LAN Setup: Check 5](#)



Cannot Find Machine During Wired LAN Setup: Check 5



Does your security software's firewall or computer operating system interfere with network communications setup?

The firewall of your security software or operation system for computer may limit communication between the machine and your computer. Check the firewall setting of your security software or operation system or the message shown on your computer.

If firewall interferes with setup:

- **If message appears:**

If a message appears warning that Canon software is attempting to access the network, set the security software to allow access.

After allowing the software to access, click **Redetect** on the **Check Printer Settings** screen to redetect the machine.

If the machine is found, follow the instructions on the screen to continue to set up network communication.

- **If no message appears:**

Cancel the setup, and then set the security software to allow Canon software to access the network.

- For Windows:

The file **Setup.exe** or **Setup64.exe** in the **win > Driver > DrvSetup** folder on the Setup CD-ROM

- For Mac OS:

Setup.app, **Canon IJ Network Tool.app**, **canonijnetwork.bundle**, **CIJScannerRegister.app**, **Canon IJ Scan Utility2.app**, and **CIJSUAgent.app**

After setting the security software, redo the network communication setup from the beginning.

▶▶▶ Note

- For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.

If firewall settings are not causing problem:

Go to check 6.

■ [Cannot Find Machine During Wired LAN Setup: Check 6](#)



Cannot Find Machine During Wired LAN Setup: Check 6



Check router settings.

Check router network connection settings such as IP address filtering, MAC address filtering, and DHCP function.

For more on checking the settings of the router, refer to the instruction manual supplied with the router or contact its manufacturer.

After checking the router settings, click **Redetect** on the **Check Printer Settings** screen to redetect the machine.

If the machine is found, follow the instructions on the screen to continue to set up network communication.

If the machine is not yet detected, select the **Set up the network connection via USB** check box on the **Check Printer Settings** screen, and then click **Next** to set up the network communication via USB.



Cannot Find Machine on Printers on Network List Screen



The machine could not be detected with the current setup method.

Select the **Setting printer could not be found on the list** check box and click **Next**. The screen to show another setup method is displayed.

Canon series

1 2 3 4

Printers on Network List

Serial Number	MAC Address	IP Address

Update

Setting printer could not be found on the list

1. To set a printer on the network, select one from the above printers list, and then click [Next].
The serial number can be found on the back of the printer and on the Letter of Guarantee. The above list displays only the last 5 digits of the serial number.
2. If the setting printer could not be found on the above list, turn on the printer and click [Update].
3. If the printer could not still be found, select [Setting printer could not be found on the list], and the click [Next].

Back to Top

Next

Perform setup following the instructions on the screen.



Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen



If you cannot proceed beyond the **Printer Connection** screen or the **Connect Cable** screen, check the following.

Check1 Make sure USB cable is securely plugged in to machine and computer.

Connect the machine and the computer using a USB cable as the illustration below. The USB port is located at the back of the machine.




Check the items below only if you cannot proceed beyond the Printer Connection screen.

Check2 Follow procedure below to connect machine and computer again.

▶▶▶ Important

- For Mac OS, make sure the lock icon is on the lower left of the **Printers & Scanners** screen (**Print & Scan** screen in Mac OS X v10.8 or Mac OS X v10.7).

If the  icon (locked) is displayed, click the icon to unlock. (The administrator name and the password are necessary to unlock.)

1. Turn off machine.
2. Unplug USB cable from machine and computer and connect it again.
3. Turn on machine.

Check3 If you cannot resolve problem, follow procedure below to reinstall MP Drivers.

1. Click **Cancel**.
2. Click **Start Over** on **Installation Failure** screen.
3. Click **Exit** on **Start Setup** screen and finish setup.
4. Turn off machine.
5. Restart computer.
6. Make sure you have no application software running.

7. Redo setup according to instructions on Canon website.

▶▶ Note

- For Windows, you can use the Setup CD-ROM to redo setup.



Cannot Find Machine on Wireless LAN



Check1 Make sure machine is turned on.

Check2 Is **Wi-Fi** icon displayed on touch screen?

If the icon is not displayed, tap the icon on the upper right and select **Activate wireless LAN** on the **Change LAN** screen.

Check3 If machine is temporarily connected to computer via USB cable, make sure USB cable is connected properly.

If you set up the wireless LAN connection or change the wireless LAN settings using IJ Network Tool over a USB connection, connect the machine and the computer using a USB cable as the illustration below. The USB port is at the back of the machine.





Check4 Make sure machine setup is complete.

If it is not, perform setup.

- For Windows:
Use the Setup CD-ROM or follow the instructions on the Canon website.
- For Mac OS:
Follow the instructions on the Canon website.

Check5 If using IJ Network Tool, look for machine again.

- For Windows:
 [Canon IJ Network Tool Screen](#)
- For Mac OS:
 [Canon IJ Network Tool Screen](#)

Check6 If searching for machine over a network, make sure machine is associated with a port. (Windows)

If **No Driver** appears under **Name** in IJ Network Tool, the machine is not associated with a port. Select **Associate Port** in the **Settings** menu to associate a port with the machine.

■ ■ When Printer Driver Is Not Associated with Port

Check7 Make sure machine and wireless router network settings match.

See instruction manual provided with wireless router or contact its manufacturer to check wireless router settings, and then modify machine settings to match.

■ ■ [Setting an Encryption Key](#)

Check8 Check for obstructions.

Wireless communication between different rooms or floors is generally poor. Move the machine and wireless router as necessary.

To check the radio status,

- For Windows:

■ ■ [Monitoring Wireless Network Status](#)

- For Mac OS:

■ ■ [Monitoring Wireless Network Status](#)

Check9 Make sure the machine is not placed too far away from the wireless router.

The machine can be up to 50 m (164 ft) from the wireless router indoors. Make sure the machine is close enough to the wireless router to be used.

To check the radio status,

- For Windows:

■ ■ [Monitoring Wireless Network Status](#)

- For Mac OS:

■ ■ [Monitoring Wireless Network Status](#)

Check10 Make sure there is no source of radio wave interference nearby.

If a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

To check the radio status,

- For Windows:

■ ■ [Monitoring Wireless Network Status](#)

- For Mac OS:

■ ■ [Monitoring Wireless Network Status](#)

Check11 Make sure computer network settings are correct.

Make sure the computer can communicate with the wireless router over the wireless LAN.

Check12 Make sure **Enable bidirectional support** is selected in **Ports** sheet of properties dialog box of printer driver. (Windows)

Check13 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings. Some programs use a firewall by default.

Check14 If using a router, connect machine and computer to LAN side (same network segment).

Check15 If machine is connected to an AirPort Base Station via LAN, use alphanumeric characters for network name (SSID). (Mac OS)

If the problem is not resolved, redo setup.

- For Windows:

Use the Setup CD-ROM or follow the instructions on the Canon website.

- For Mac OS:

Follow the instructions on the Canon website.



Cannot Find Machine on Wired LAN



Check1 Make sure machine is turned on.

Check2 Is  icon displayed on touch screen?

If the icon is not displayed, tap the icon on the upper right and select **Activate wired LAN** on the **Change LAN** screen.

Check3 Make sure LAN cable is connected properly.

Make sure the machine is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

Network Connection Problems

- ▶ **Machine Suddenly Cannot Be Used**
- ▶ **Network Key Unknown**
- ▶ **Administrator Password Set for Machine Unknown**
- ▶ **Machine Cannot Be Used After Replacing Wireless Router or Changing Its Settings**
- ▶ **Printing Is Slow**
- ▶ **Ink Level Not Shown on Printer Status Monitor (Windows)**

Machine Suddenly Cannot Be Used

■ [Cannot Communicate with Machine Following Network Settings Change \(Windows\)](#)

■ [Cannot Communicate with Machine via Wireless LAN](#)

■ [Cannot Communicate with Machine Using Direct Connection](#)

■ [Cannot Communicate with Machine via Wired LAN](#)

■ [Cannot Print or Scan from Network Computer](#)

Cannot Communicate with Machine Following Network Settings Change (Windows)

It may take a while for the computer to obtain an IP address, or you may need to restart your computer. Make sure the computer has obtained a valid IP address, and try again to find the machine.

Cannot Communicate with Machine via Wireless LAN

Check1 Make sure machine is turned on.

Check2 Make sure machine and wireless router network settings match.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

To check the current network settings of the machine, print out the network setting information.

■ [Printing Network Settings](#)

If the machine network settings do not match with those of the wireless router, change the network settings of the machine to match with those of the wireless router using IJ Network Tool.

Check3 Make sure machine is not placed too far away from the wireless router.

The machine can be up to 50 m (164 ft) from the wireless router indoors. Make sure the machine is close enough to the wireless router to be used.

Check4 Check for obstructions.

Wireless communication between different rooms or floors is generally poor. Move the machine and wireless router as necessary.

Check5 Make sure there is no source of radio wave interference nearby.

If a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

Check6 Make sure computer network settings are correct.

For more on connecting and setting up a network device, see the device instruction manual or contact its manufacturer.

Check7 Make sure wireless signal is strong. Monitor signal status and move machine and wireless router as necessary.

- For Windows:
 - [Monitoring Wireless Network Status](#)
- For Mac OS:
 - [Monitoring Wireless Network Status](#)

Check8 Make sure you are using a valid channel.

Usable wireless channels may be limited depending on wireless network device used by your computer. See the instruction manual provided with your computer or wireless network device to check usable wireless channels.

Check9 Make sure channel set on wireless router is a usable channel as confirmed in Check 8.

If it is not, change the channel set on the wireless router.

Check10 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings. Some programs use a firewall by default.

Check11 If using a router, connect machine and computer to LAN side (same network segment).

Check12 If machine is connected to an AirPort Base Station via LAN, use alphanumeric characters for network name (SSID). (Mac OS)

If the problem is not resolved, redo setup.

- For Windows:
 - Use the Setup CD-ROM or follow the instructions on the Canon website.
- For Mac OS:
 - Follow the instructions on the Canon website.
- **Positioning:**
 - Make sure there are no obstacles between the wireless router and the machine.

▶▶▶ Note

- **To connect machine to Windows XP computer using cableless setup, follow these steps:**

Follow the procedure below to set up the machine and computer.

1. [Set machine to Direct Connection.](#)

2. Right-click **Wireless Network Connections** icon on notification area of desktop, and then click **View Available Wireless Networks**.
3. Select network name on screen that appears, and then click **Connect**.
Select "XXXXXX-MGXXXXseries" ("XX" represents alphanumeric characters) as network name.
4. Enter network key on screen that appears, and then click **Connect**.

By default, the serial number of the machine is used as the network key. Check the serial number by one of the following methods.

- Check the sticker attached to the machine.

■ [Where Serial Number Is Located](#)

- Display on the touch screen.

■ [Device user settings](#)

- Print the network settings.

■ [Printing Network Settings](#)

5. Use Setup CD-ROM or follow instructions on Canon website.

Cannot Communicate with Machine Using Direct Connection



Check1 Make sure machine is turned on.

Check2 Is the  icon displayed on the touch screen?

If the icon is not displayed, tap the icon on the upper right and select **Activate direct connect**. on the **Change LAN** screen.

Check3 Make sure machine is selected as connection for wireless communication device (e.g. smartphone or tablet).

Select the identifier for direct connection (SSID) specified for the machine as the connection destination for communication devices.

Check4 Have you entered the proper password specified for the direct connection?

If the security setting of the direct connection is enabled, you need to enter the password to connect your communication device to the machine.

To check the password specified for the machine, display it using the operation panel of the machine or print out the network setting information of the machine.

■ [LAN settings](#)

■ [Printing Network Settings](#)

Check5 Make sure machine is not too far away.

Place wireless communication devices a suitable distance from the machine.

Check6 Check for obstructions.

Wireless communication between different rooms or floors is generally poor. Move the machine as necessary.

Check7 Make sure there is no source of radio wave interference nearby.

If a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the machine as far away from interference sources as possible.

Check8 Make sure 5 devices are already connected.

Direct Connection does not allow more than 5 devices to be connected.

Cannot Communicate with Machine via Wired LAN

A

Check1 Make sure machine is turned on.

Check2 Make sure the LAN cable is connected properly.

Make sure the machine is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

If the problem is not resolved, redo setup.

- For Windows:
Use the Setup CD-ROM or follow the instructions on the Canon website.
- For Mac OS:
Follow the instructions on the Canon website.

Cannot Print or Scan from Network Computer

A

Check1 Make sure computer network settings are correct.

For more on computer setup, see your computer instruction manual or contact its manufacturer.

Check2 If MP Drivers are not installed, install them.

- For Windows:
Install the MP Drivers using the Setup CD-ROM or install them from the Canon website.
- For Mac OS:
Install the MP Drivers from the Canon website.

Check3 When using wireless LAN, make sure wireless router does not restrict which computers can access it.

For more on connecting to and setting up your wireless router, see the wireless router instruction manual or contact its manufacturer.

»» Note

- To check the MAC address or IP address of your computer, see [Checking Computer IP Address or MAC Address](#).

Network Key Unknown

■ [WEP or WPA/WPA2 Key Set for Access Point Unknown, Cannot Connect](#)

■ [Setting an Encryption Key](#)

WEP or WPA/WPA2 Key Set for Access Point Unknown, Cannot Connect

A

For details on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure your computer can communicate with the wireless router.

Set up the machine to match the wireless router settings using IJ Network Tool.

Setting an Encryption Key

A

For details on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure your computer can communicate with the wireless router.

Set up the machine to match the wireless router settings using IJ Network Tool.

- **Using WEP**

The key length, key format, key to use (one of 1 to 4), and authentication method must be the same for the wireless router, the machine, and your computer.

To communicate with a wireless router that uses automatically generated WEP keys, you must set the machine to use the key generated by the wireless router, entering it in hexadecimal format.

- For Windows:

Normally, select **Auto** for the authentication method. Otherwise, select **Open System** or **Shared Key** depending on the wireless router's settings.

When the **WEP Details** screen appears after you click **Set** on the **Search** screen, follow the on-screen instructions and set key length, key format, key number, and authentication method to enter a WEP key.

For details, see [Changing WEP Detailed Settings](#).

- For Mac OS:

Normally, select **Auto** for the authentication method. Otherwise, select **Open System** or **Shared Key** depending on the wireless router's settings.

When the **WEP Details** screen appears after you click **Set** on the **Wireless Routers** screen, follow the on-screen instructions and set key length, key format, key number, and authentication method to enter a WEP key.

For details, see [Changing WEP Detailed Settings](#).

Note

- If the machine is connected to an AirPort Base Station via LAN:

If the machine is connected to an AirPort Base Station via a LAN, check the settings in **Wireless Security of AirPort Utility**.

- Select **64 bit** if **WEP 40 bit** is selected for key length in AirPort Base Station.
- Select **1** for **Key ID**. Otherwise, computer will not be able to communicate with machine via the wireless router.

• Using WPA/WPA2

The authentication method, passphrase, and dynamic encryption type must be the same for the wireless router, the machine, and your computer.

Enter the passphrase configured on the wireless router (a sequence of between 8 and 63 alphanumeric characters, or a 64-character hexadecimal number).

Either TKIP (basic encryption) or AES (secure encryption) is selected automatically as the dynamic encryption method.

- For Windows:

For details, see [Changing WPA/WPA2 Detailed Settings](#).

- For Mac OS:

For details, see [Changing WPA/WPA2 Detailed Settings](#).

►► Note

- This machine supports WPA/WPA2-PSK (WPA/WPA2-Personal) and WPA2-PSK (WPA2-Personal).



Administrator Password Set for Machine Unknown



Initialize the machine settings.

Select **Reset all** to restore administrator password to default.

■ [Reset setting](#)

After initializing the machine settings, redo setup.

- **For Windows:**

Use the Setup CD-ROM or follow the instructions on the Canon website.

- **For Mac OS:**

Follow the instructions on the Canon website.



Machine Cannot Be Used After Replacing Wireless Router or Changing Its Settings



When you replace a wireless router, redo the network setup for the machine.

- For Windows:
Use the Setup CD-ROM or follow the instructions on the Canon website.
- For Mac OS:
Follow the instructions on the Canon website.

If this does not solve the problem, see below.

■ [Cannot Communicate with Machine After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router](#)

■ [With Encryption On, Cannot Communicate with Machine After Changing Encryption Type at Wireless Router](#)



Cannot Communicate with Machine After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router



Check1 Check wireless router setting.

To check the wireless router setting, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure the computer and the wireless router can communicate with each other under this setting.

Check2 If filtering MAC addresses or IP addresses at wireless router, check that MAC addresses or IP addresses for computer, network device, and machine are registered.

Check3 If using WEP or WPA/WPA2 key, make sure encryption key for computer, network device, and machine matches key set for wireless router.

Not only the WEP key itself, but also the key length, key format, the key ID to use, and the authentication method must be the same for the machine, the wireless router, and the computer.

Normally, select **Auto** for the authentication method. To set it manually, select **Open System** or **Shared Key** depending on the wireless router's settings.

For details, see [Setting an Encryption Key](#).

Q With Encryption On, Cannot Communicate with Machine After Changing Encryption Type at Wireless Router

A

If you change the encryption type for the machine and it subsequently cannot communicate with the computer, make sure the encryption type for the computer and the wireless router matches the type set for the machine.

■ [Cannot Communicate with Machine After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router](#)



Printing Is Slow



Check1 Machine may be printing or scanning a large job from another computer.

Check2 When using wireless LAN, monitor signal status and move machine and wireless router as necessary.

- For Windows:

■ [Monitoring Wireless Network Status](#)

- For Mac OS:

■ [Monitoring Wireless Network Status](#)

Make sure there are no obstacles between the wireless router and the machine. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the machine cannot communicate with the computer over a wireless LAN due to a wall, place the machine and the computer in the same room.

Check3 When using wireless LAN, make sure there is no source of radio wave interference nearby.

If a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.



Ink Level Not Shown on Printer Status Monitor (Windows)



Use the printer driver with bidirectional communication.

Select **Enable bidirectional support** in the **Ports** sheet of the properties dialog box of the printer driver.

■ How to Open the Printer Driver Setup Window

Other Network Problems

- ▶ **Message Appears on Computer During Setup**
- ▶ **Packets Are Sent Constantly (Windows)**
- ▶ **Checking Network Information**
- ▶ **Restoring to Factory Defaults**

Message Appears on Computer During Setup

■ [Enter Password Screen Appears During Setup](#)

■ [Encryption Settings Screen Appears When Access Point Selected from Search Screen](#)

■ ["You are connecting the machine to the non encrypted wireless network" Appears](#)

Q Enter Password Screen Appears During Setup

A

The following screen appears if the machine is set up for use with a network and an administrator password has been set.

- For Windows:



- For Mac OS:



Enter the administrator password set for the machine.

►► Note

- An administrator password is already set for the machine at the time of purchase.

For details:

■ [Administrator Password](#)

For improved security, we recommend that you change the administrator password.

- For Windows:

■ [Changing Settings in Admin Password Sheet](#)

- For Mac OS:

■ [Changing Settings in Admin Password Sheet](#)

Q Encryption Settings Screen Appears When Access Point Selected from Search Screen

A

This screen appears automatically if the selected wireless router is encrypted. Set the same encryption settings as those set for the wireless router.

- For Windows:
For more on encryption settings, see [Changing Settings in Wireless LAN Sheet](#).
- For Mac OS:
For more on encryption settings, see [Changing Settings in Wireless LAN Sheet](#).

Q "You are connecting the machine to the non encrypted wireless network" Appears

A

Security is not configured on the wireless router. The machine can still be used, so continue the setup procedure and complete it.

»» Important

- If you connect to a network that is not protected with security measures, there is a risk of disclosing data such as your personal information to a third party.



Packets Are Sent Constantly (Windows)



When IJ Network Scanner Selector EX is enabled, it periodically transmits packets to check communication with the machine over the network. If you are using your computer in a network environment other than the one used to set up the machine, disable IJ Network Scanner Selector EX.

To disable IJ Network Scanner Selector EX, right-click the  icon on the notification area on the desktop and select **Disable Canon IJ Network Scanner Selector EX**.

Checking Network Information

■ [Checking Machine IP Address or MAC Address](#)

■ [Checking Computer IP Address or MAC Address](#)

■ [Checking Communication Between the Computer, the Printer, and the Wireless Router](#)

■ [Checking Network Settings Information](#)



Checking Machine IP Address or MAC Address



To check the machine's IP Address or MAC address, print out the network settings information or use the operation panel to display it.

■ [LAN settings](#)

■ [Printing Network Settings](#)

You can check the network setting information on the computer screen.

- For Windows:

■ [Canon IJ Network Tool Screen](#)

- For Mac OS:

■ [Canon IJ Network Tool Menu](#)



Checking Computer IP Address or MAC Address



To check the IP Address or MAC address of your computer, follow the instructions below.

- For Windows:

1. Select **Command Prompt** as shown below.

- In Windows 8.1 or Windows 8, select **Command Prompt** from the **Start** screen. If **Command Prompt** is not displayed on the **Start** screen, select the **Search** charm and search for "**Command Prompt**".
- In Windows 7, Windows Vista, or Windows XP, click **Start > All Programs > Accessories > Command Prompt**.

2. Enter "ipconfig/all" and press **Enter**.

The IP address and MAC address of your computer appear. If your computer is not connected to a network, the IP address does not appear.

- For Mac OS:

1. Select **System Preferences** from Apple menu, and then click **Network**.

2. Make sure network interface used by computer is selected, and then click **Advanced**.

When you are using wireless LAN on your computer, make sure **Wi-Fi** is selected as network interface. When you are using wired LAN, make sure **Ethernet** is selected.

3. Check the IP address or MAC address.

Click **TCP/IP** to check the IP address.

Click **Hardware** to check the MAC address.

Checking Communication Between the Computer, the Printer, and the Wireless Router

A

Perform a ping test to check if communication is taking place.

- For Windows:

1. Select **Command Prompt** as shown below.

- In Windows 8.1 or Windows 8, select **Command Prompt** from the **Start** screen. If **Command Prompt** is not displayed on the **Start** screen, select the **Search** charm and search for "**Command Prompt**".
- In Windows 7, Windows Vista, or Windows XP, click **Start > All Programs > Accessories > Command Prompt**.

2. Type ping command and press **Enter**.

The ping command is as follows: ping XXX.XXX.XXX.XXX

"XXX.XXX.XXX.XXX" is the IP address of the target device.

If communication is taking place, a message like the one shown below appears.

Reply from XXX.XXX.XXX.XXX: bytes=32 time=10ms TTL=255

If **Request timed out** appears, communication is not taking place.

- For Mac OS:

1. Start **Network Utility** as shown below.

- In Mac OS X v10.10 or Mac OS X v10.9, select **Computer** from **Go** menu of Finder, double-click **Macintosh HD > System > Library > CoreServices > Applications > Network Utility**.
- In Mac OS X v10.8 or Mac OS X v10.7, open **Utilities** folder in **Applications** folder and double-click **Network Utility**.

2. Click **Ping**.

3. Make sure **Send only XX pings** (XX are numbers) is selected.

4. Enter IP address of target machine or target wireless router in **Enter the network address to ping**.

5. Click **Ping**.

"XXX.XXX.XXX.XXX" is the IP address of the target device.

A message such as the following appears.

64 bytes from XXX.XXX.XXX.XXX: icmp_seq=0 ttl=64 time=3.394 ms

64 bytes from XXX.XXX.XXX.XXX: icmp_seq=1 ttl=64 time=1.786 ms

64 bytes from XXX.XXX.XXX.XXX: icmp_seq=2 ttl=64 time=1.739 ms

--- XXX.XXX.XXX.XXX ping statistics ---

3 packets transmitted, 3 packets received, 0% packet loss

If packet loss is 100%, communication is not taking place. Otherwise, computer is communicating with target device.

Checking Network Settings Information

To check the machine's network settings information, print out the network settings information or use the operation panel to display it.

■ [LAN settings](#)

■ [Printing Network Settings](#)



Restoring to Factory Defaults



▶▶▶ Important

- For Windows:

Initialization erases all network settings on the machine, making printing or scanning operation from a computer over a network impossible. To use the machine over a network again after restoring it to the factory defaults, use the Setup CD-ROM or follow the instructions on the Canon website to redo setup.

- For Mac OS:

Initialization erases all network settings on the machine, making printing or scanning operation from a computer over a network impossible. To use the machine over a network again after restoring it to the factory defaults, follow the instructions on the Canon website to redo setup.

Initialize the network setting using the machine's operation panel.

■ [Reset setting](#)

Problems while Printing/Scanning from Smartphone/Tablet

- ▶ **Cannot Print/Scan from Smartphone/Tablet**
- ▶ **Cannot Print/Scan from NFC Compliant Device**

Cannot Print/Scan from Smartphone/Tablet

If you cannot print/scan from your smartphone/tablet, it is possible that your smartphone/tablet cannot communicate with the machine.

Check the cause of your problem according to the connection method.

■ [Cannot Communicate with Machine over Wireless LAN](#)

■ [Cannot Communicate with Machine while It Is in Direct Connection](#)

▶▶▶ Note

- For problems on printing with other connection methods or more on performing settings of each connection method:

■ [Using PIXMA/MAXIFY Cloud Link](#)

■ [Printing with Google Cloud Print](#)

■ [Printing from an AirPrint-enabled Printer with iOS Device](#)



Cannot Communicate with Machine over Wireless LAN




If your smartphone/tablet cannot communicate with the machine, check the following.

Check1 Make sure machine is turned on.

Check2 Is  icon displayed on the touch screen?

If the icon is not displayed, tap the icon on the upper right, and then select **Activate wireless LAN** on the **Change LAN** screen.

If the  icon is displayed, the machine is not connected to the wireless router.

Check3 Are network settings of machine identical with those of wireless router?

Make sure the network settings of the machine (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

To check the current network settings of the machine, print out the network setting information.

■ [Printing Network Settings](#)

If the network settings of the machine are not identical with those of the wireless router, change the network settings of the machine to match with those of the wireless router using IJ Network Tool.

Check4 Are network settings of your smartphone/tablet identical with those of wireless router?

Make sure the network settings of your smartphone/tablet (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.

To check the settings of your smartphone/tablet, refer to the instruction manual provided with it.

If the network settings of your smartphone/tablet are not identical with those of the wireless router, change the network settings of it to match with those of the wireless router.

Check5 Make sure machine is not placed far away from wireless router.

The wireless router is located indoors within the effective range for wireless communication. Locate the machine within 164 ft. / 50 m from the wireless router.

Check6 Check for obstructions.

Wireless communication between different rooms or floors is generally poor. Adjust the location of the devices.

Check7 Make sure there is no source of radio wave interference nearby.

If a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from the interference source as possible.

Cannot Communicate with Machine while It Is in Direct Connection

A

If your smartphone/tablet cannot communicate with the machine in the direct connection, check the following.

Check1 Make sure machine is turned on.

Check2 Is  icon displayed on the touch screen?

If the icon is not displayed, tap the icon on the upper right, and then select **Activate direct connect.** on the **Change LAN** screen.

Check3 Check settings of your smartphone/tablet.

Make sure your smartphone/tablet can use the wireless LAN.

For more on performing setting of the wireless LAN, refer to the instruction manual provided with your smartphone/tablet.

Check4 Have you selected machine as destination of your smartphone/tablet?

Select the access point name (SSID) of the machine with your smartphone/tablet.

Check5 Have you entered proper password specified for direct connection?

If the security setting of the direct connection is enabled, you need to enter the password to connect your smartphone/tablet to the machine.

Check6 Make sure machine is not too far away.

Locate your smartphone/tablet close enough to communicate with the machine.

Check7 Check for obstructions.

Wireless communication between different rooms or floors is generally poor. Adjust the location of the devices.

Check8 Make sure there is no source of radio wave interference nearby.

If a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the machine as far away from the interference source as possible.

Check9 Make sure 5 devices are already connected.

Direct connection does not allow more than 5 devices to be connected.



Cannot Print/Scan from NFC Compliant Device



If you cannot print or scan although Canon PRINT Inkjet/SELPHY is installed in your NFC compliant device, check the following.

Check1 Is **NFC setting** set to **Enable**?

When you use the NFC function, select **Enable** for **NFC setting**.

Check2 Are you touching NFC compliant device to machine properly?

When you touch a NFC compliant device to the machine, make sure you touch the device to the NFC port on the machine properly.

Check3 Is NFC function of NFC compliant device enabled?

Confirm the setting of the NFC compliant device and enable the NFC function of the device.

Printing Problems

- ▶ **Printing Does Not Start**
- ▶ **Paper Jams**
- ▶ **Print Results Are Unsatisfactory**
- ▶ **No Ink Comes Out**
- ▶ **Paper Does Not Feed Properly/"No Paper" Error**
- ▶ **Cannot Print on Disc Label**
- ▶ **Automatic Duplex Printing Problems**
- ▶ **Copying/Printing Stops**
- ▶ **Cannot Print Using AirPrint**



Printing Does Not Start



Check1 Make sure machine is securely plugged in and touch **ON** button to turn it on.

The **POWER** lamp flashes while the machine is initializing. Wait until the **POWER** lamp stops flashing and remains lit.

▶▶▶ Note

- If you are printing large data such as photos or other graphics, printing may take longer to start. The **POWER** lamp flashes while the computer is processing data and sending it to the machine. Wait until printing starts.

Check2 Make sure machine is properly connected to computer.

If you are using a USB cable, make sure it is securely connected to both the machine and the computer. When the USB cable is securely plugged in, check the following:

- If you are using a relay device such as a USB hub, disconnect it, connect the machine directly to the computer, and retry the printing. If printing starts normally, there is a problem with the relay device. Contact the vendor of the relay device.
- There could also be a problem with the USB cable. Replace the USB cable and retry the printing.

If you use the machine over a LAN, make sure the machine is connected to the network with a LAN cable or is correctly set up for network use.

Check3 Is direct connection enabled?

To print using a mode other than the direct connection, disable the direct connection first.

■ [Using Machine with Direct Connection](#)

Check4 Make sure paper settings match information set for cassette.

If the paper settings do not match the information set for the cassette, an error message appears on the touch screen. Follow the instructions on the touch screen to solve the problem.

■ [Paper Settings](#)

▶▶▶ Note

- You can select whether the message which prevents misprinting is displayed.
 - To change the message view setting when printing or copying using the operation panel of the machine:
 - [Cassette settings](#)
 - To change the message view setting when printing or copying using the printer driver:
 - [Changing the Printer Operation Mode \(Windows\)](#)
 - [Changing the Printer Operation Mode \(Mac OS\)](#)

Check5 If printing from a computer, delete unnecessary print jobs.

- For Windows:
 - [Deleting the Undesired Print Job](#)
- For Mac OS:
 - [Deleting the Undesired Print Job](#)

Check6 Make sure disc tray guide is closed.

If the disc tray guide is opened, close the disc tray guide and tap **OK** on the touch screen.

Check7 Are Media Type and Page Size settings of printer driver correct?

When using non Canon genuine specialty paper, be sure to select the proper media type or page size correctly in the printer driver.

Check the settings following the instructions below and retry the printing.

- For Windows:
 1. Make sure either **A4 (Art Paper Margin 35)** or **Letter (Art Paper Margin 35)** is selected in application.
If the page size you want to use is not displayed, open the **File** menu of the application and select **Print**. Then make sure the name of your machine is selected.
 2. Make sure that the paper selected for **Media Type** in the **Main** sheet of printer driver matches paper loaded in machine.
 3. Make sure **Page Size** setting in **Page Setup** sheet of printer driver is same as size set in step 1.
- For Mac OS:
 1. Make sure either **A4 (Art Paper Margin 35)** or **US Letter (Art Paper Margin 35)** is selected in application.
If the page size you want to use is not displayed, open the **File** menu of the application and select **Print**. Then make sure the name of your machine is selected.
 2. Make sure paper selected for **Media Type** in Print dialog of printer driver matches paper loaded in machine.
 3. Make sure **Paper Size** setting in Page Setup dialog of printer driver is same as size set in step 1.

Check8 Is your machine's printer driver is selected when printing?

The machine will not print properly if you are using a printer driver for a different printer.

- For Windows:

Make sure "Canon XXX series Printer" (where "XXX" is your machine's name) is selected in the Print dialog box.

▶▶▶ Note

- To make the machine the one selected by default, select **Set as Default Printer**.

- For Mac OS:

Make sure your machine's name is selected in **Printer** in the Print dialog.

▶▶▶ Note

- To make the machine the one selected by default, select the machine for **Default printer**.

Check9 Set correct printer port. (Windows)

Make sure the correct printer port is set.

1. Log in using an account with administrator privileges.
2. Make the following settings.
 - In Windows 8.1 or Windows 8, select **Control Panel** from **Settings** charm on **Desktop > Hardware and Sound > Devices and Printers**.
 - In Windows 7, select **Devices and Printers** from **Start** menu.
 - In Windows Vista, select **Start** menu > **Control Panel > Hardware and Sound > Printers**.
 - In Windows XP, select **Start** menu > **Control Panel > Printers and Other Hardware > Printers and Faxes**.
3. Open printer driver properties.
 - In Windows 8.1, Windows 8, or Windows 7, right-click "Canon XXX series Printer" icon (where "XXX" is your machine's name), and then select **Printer properties**.
 - In Windows Vista or Windows XP, right-click "Canon XXX series Printer" icon (where "XXX" is your machine's name), and then select **Properties**.
4. Click **Ports** tab to check port settings.

Make sure that a port named "USBnnn" (where "n" is a number) with "Canon XXX series Printer" appearing in **Printer** column is selected for **Print to the following port(s)**.

▶▶▶ Note

- When the machine is used over LAN, the port name of the machine is displayed as "CNBJNP_XXXXXXXX". "XXXXXXXX" is the character string generated from the MAC address or a character string specified by the user when setting up the machine.

- If setting is incorrect:

Reinstall the MP Drivers from the Setup CD-ROM or the Canon website.

- Printing does not start even though the machine is connected to the computer using a USB cable and the port named "USBnnn" is selected:

In Windows 8.1 or Windows 8, select **My Printer** on **Start** screen to start **My Printer**. If **My Printer** is not displayed on **Start** screen, select **Search** charm, and then search for "**My Printer**".

Set the correct printer port on **Diagnose and Repair Printer**. Follow the on-screen instructions to set the correct printer port, and then select your machine's name.

In Windows 7, Windows Vista, or Windows XP, click **Start** and select **All programs, Canon Utilities, Canon My Printer, Canon My Printer**, and then select **Diagnose and Repair Printer**. Follow the on-screen instructions to set the correct printer port, and then select your machine's name.

If the problem is not resolved, reinstall the MP Drivers from the Setup CD-ROM or the Canon website.

- Printing does not start even though the port named "CNBJNP_XXXXXXXX" is selected when the machine is used over LAN:

Launch IJ Network Tool, select "CNBJNP_XXXXXXXX" as you checked in step 4, and then associate the port with the printer using **Associate Port** in **Settings** menu.

If the problem is not resolved, reinstall the MP Drivers from the Setup CD-ROM or the Canon website.

Check10 Is print data extremely large? (Windows)

Click **Print Options** on **Page Setup** sheet of the printer driver. Then set **Prevention of Print Data Loss** to **On** in the dialog that appears.

* This may reduce print quality.

Check11 If printing from your computer, restart computer.



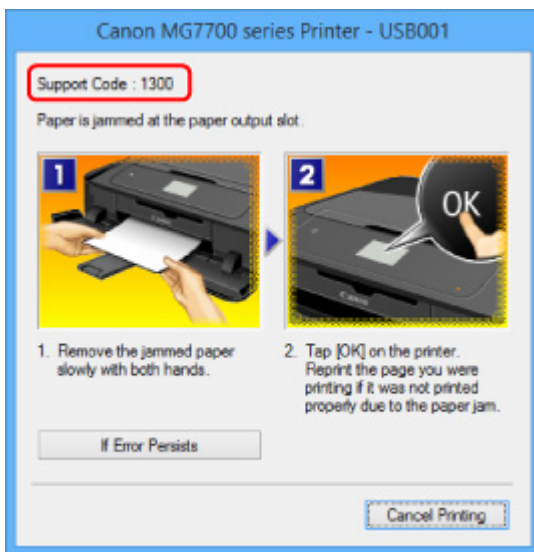
Paper Jams



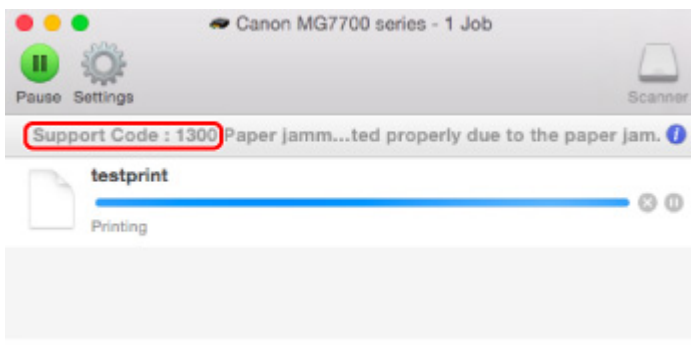
When paper jams, a troubleshooting message appears automatically. Take the appropriate action described in the message.

- **When a Support Code and a Message Are Displayed on Computer Screen:**

- For Windows:

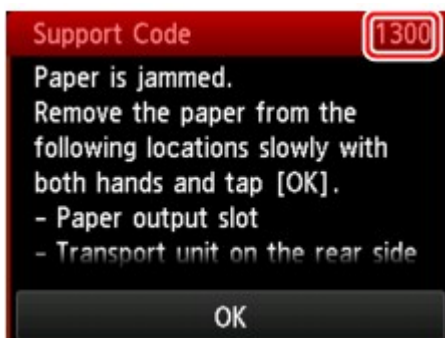


- For Mac OS:



* The screen differs depending on the OS you are using.

- **When a Support Code and a Message Are Displayed on Touch Screen:**



To remove the jammed paper, see [List of Support Code for Error \(Paper Jams\)](#).

▶▶ Note

- You can also search for details on resolving the errors indicated by the support code shown.

■ [Search](#)



Print Results Are Unsatisfactory



If the print results are unsatisfactory due to white streaks, misaligned lines, or uneven colors, check the paper and print quality settings first.

Check1 Do page size and media type settings match size and type of loaded paper?

If these settings do not match, it is not possible to obtain the proper result.

If you are printing a photograph or an illustration, an incorrect paper type setting may reduce the quality of the printout color.

Also, if you print with an incorrect paper type setting, the printed surface may be scratched.

In borderless printing, uneven coloring may occur depending on the combination of the paper type setting and the loaded paper.

The method for checking the paper and print quality settings differs depending on what you are using your machine for.

Copying	Check the settings using the operation panel. ■ Setting Items for Copying
Copying a photo	Check the settings using the operation panel. ■ Copying Photos
Printing from memory card	Check the settings using the operation panel. ■ Setting Items for Photo Printing Using Operation Panel
Printing from a PictBridge (Wireless LAN) compliant device	Check the settings on your PictBridge (Wireless LAN) compliant device. ■ PictBridge (Wireless LAN) Print Settings Check the settings using the operation panel. ■ PictBridge print settings
Printing from your computer	Check the settings using the printer driver. ■ Printing with Easy Setup

Check2 Make sure appropriate print quality is selected (see table above).

Select a print quality suited to the paper and to what you are printing. If you notice blurs or uneven colors, increase the print quality setting and retry the printing.

▶▶▶ Note

- When printing from a PictBridge (Wireless LAN) compliant device, set the print quality setting using the operation panel.

This setting cannot be made on the PictBridge (Wireless LAN) compliant device.

Check3 If problem is not resolved, check other causes.

See also the sections below:

■ ■ [Cannot Complete Printing](#)

■ ■ [Part of Page Is Not Printed \(Windows\)](#)

■ ■ [Paper Is Blank/Printing Is Blurry/Colors Are Wrong/White Streaks Appear](#)

■ ■ [Lines Are Misaligned](#)

■ ■ [Lines Incomplete or Missing \(Windows\)](#)

■ ■ [Images Incomplete or Missing \(Windows\)](#)

■ ■ [Ink Blots / Paper Curl](#)

■ ■ [Paper Is Smudged / Printed Surface Is Scratched](#)

■ ■ [Back of Paper Is Smudged](#)

■ ■ [Vertical Line Next to Image](#)

■ ■ [Uneven or Streaked Colors](#)



Cannot Complete Printing



Check1 Select setting not to compress printing data. (Windows)

If you select the setting not to compress the printing data with an application software you are using, the printing result may be improved.

Click **Print Options** on **Page Setup** sheet of the printer driver. Select the **Do not allow application software to compress print data** check box and click **OK**.

* Clear the check box once printing is complete.

Check2 Is print data extremely large? (Windows)

Click **Print Options** on **Page Setup** sheet of the printer driver. Then set **Prevention of Print Data Loss** to **On** in the dialog that appears.

* This may reduce print quality.

Check3 Your hard disk may not have sufficient free space to store job.

Delete unnecessary files to free up disk space.



Part of Page Is Not Printed (Windows)



Check Are you using automatic duplex printing?

If you are using automatic duplex printing, the printable area at the top of the page will be 0.08 inches / 2 mm shorter than usual.

Therefore, the bottom of the page may not be printed. To prevent this, set reduced printing on the printer driver.

»» Important

- Reducing the printing size may affect the layout of your document.

If the application you used to create your document has a zoom function, set the reduced size in the application.

1. Open printer driver setup window.
 - How to Open the Printer Driver Setup Window
2. Check **Duplex Printing** check box in **Page Setup** sheet.
3. Click **Print Area Setup** and select **Use reduced printing**.

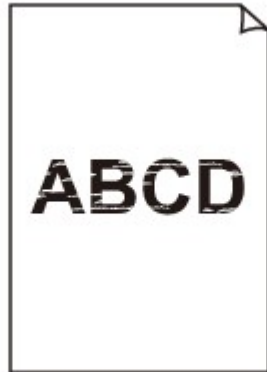


Paper Is Blank/Printing Is Blurry/Colors Are Wrong/White Streaks Appear

❖ Paper Is Blank



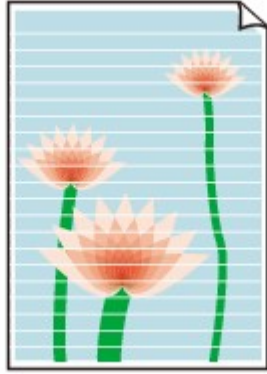
❖ Printing Is Blurry



❖ Colors Are Wrong



White Streaks Appear



A

Check1 Check paper and print quality settings.

 [Print Results Are Unsatisfactory](#)

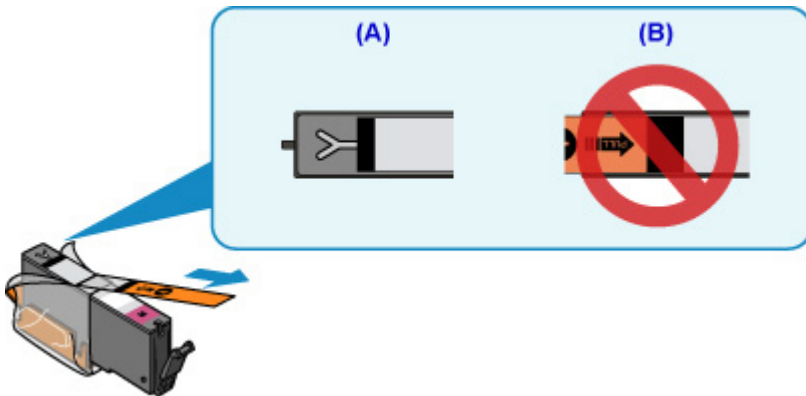
Check2 Check status of ink tanks. Replace ink tank if ink has run out.

 [Replacing Ink](#)

Check3 Is orange tape or protective film still on ink tank?

Make sure all the protective film is peeled off to expose the Y-shaped air hole, as shown below (A).

If the orange tape remains on the ink tank (B), peel it off.



Check4 Print nozzle check pattern and perform any necessary maintenance operations such as print head cleaning.

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzles.

For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see [If Printing Is Faint or Uneven](#).

- If nozzle check pattern is not printed correctly:
 - Check if the ink tank for the problem color is empty.
 - If the ink tank is not empty, perform print head cleaning and try printing the nozzle check pattern again.
- If problem is not resolved after performing print head cleaning twice:
 - Perform print head deep cleaning.

If the problem is not resolved after performing print head deep cleaning, turn off the machine and perform print head deep cleaning again 24 hours later.

- If problem is not resolved after performing print head deep cleaning twice:

If print head deep cleaning does not resolve the problem, the print head may be damaged. Contact your nearest Canon service center to request a repair.

Check5 When using paper with one printable surface, make sure paper is loaded with printable side facing down.

Printing on the wrong side of such paper may cause unclear prints or prints with reduced quality.

Load paper with the printable side facing down.

Refer to the instruction manual supplied with the paper for detailed information on the printable side.

- **When copying, see also the sections below:**

Check6 Is platen glass dirty?

Clean the platen glass.

■ [Cleaning the Platen Glass and Document Cover](#)

Check7 Make sure original is properly loaded on platen glass.

■ [Loading Originals](#)

Check8 Is original loaded with side to be copied facing down on platen glass?

Check9 Did you copy a printout done by this machine?

If you use a printout done by this machine as the original, print quality may be reduced depending on the condition of the original.

Print from the machine directly, or reprint from the computer if you can reprint from it.



Lines Are Misaligned



Check1 Check paper and print quality settings.

 [Print Results Are Unsatisfactory](#)

Check2 Perform print head alignment.

If printed lines are misaligned or print results are otherwise unsatisfactory, adjust the print head position.

 [Aligning the Print Head](#)

Note

- If the problem is not resolved after performing the print head alignment, perform print head alignment manually. See [Aligning the Print Head Manually](#).

Check3 Increase print quality and try printing again.

Increasing the print quality using the operation panel or the printer driver may improve the print result.



Lines Incomplete or Missing (Windows)



Check1 Are you using Page Layout Printing or Binding Margin function?

When the Page Layout Printing or Binding margin function is in use, thin lines may not be printed. Try thickening the lines in the document.

Check2 Is print data extremely large?

Click **Print Options** on **Page Setup** sheet of the printer driver. Then set **Prevention of Print Data Loss** to **On** in the dialog that appears.

* This may reduce print quality.



Images Incomplete or Missing (Windows)



Check1 Select setting not to compress printing data.

If you select the setting not to compress the printing data with an application software you are using, the printing result may be improved.

Click **Print Options** on **Page Setup** sheet of the printer driver. Select **Do not allow application software to compress print data** check box and click **OK**.

* Clear the check box once printing is complete.

Check2 Is print data extremely large?

Click **Print Options** on **Page Setup** sheet of the printer driver. Then set **Prevention of Print Data Loss** to **On** in the dialog that appears.

* This may reduce print quality.



Ink Blots / Paper Curl

Ink Blots



Paper Curl



Check1 Check paper and print quality settings.

 [Print Results Are Unsatisfactory](#)

Check2 If intensity is set high, reduce intensity setting and try printing again.

If you are printing with a high intensity setting on plain paper, the paper may absorb too much ink and become wavy, causing paper abrasion.

- Printing from your computer

Check the intensity setting in the printer driver.

- For Windows:

 [Adjusting Intensity](#)

- For Mac OS:

 [Adjusting Intensity](#)

- Copying

 [Setting Items for Copying](#)

Check3 Use Photo Paper to print photos.

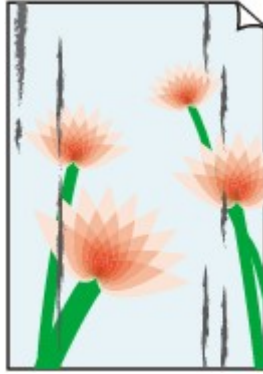
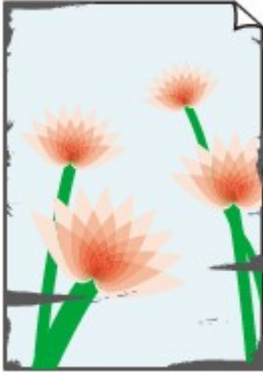
To print data with high color saturation such as photographs or images with dark colors, we recommend that you use Photo Paper Plus Glossy II or other Canon specialty paper.

 [Media Types You Can Use](#)



Paper Is Smudged / Printed Surface Is Scratched

Paper Is Smudged



The Edges of Paper Are Smudged Printed Surface Is Smudged



Printed Surface Is Scratched



Check1 Check paper and print quality settings.

[Print Results Are Unsatisfactory](#)

Check2 Check paper type.

- Make sure you are using the right paper for what you are printing.

 [Media Types You Can Use](#)

- For borderless printing, use a paper suitable for borderless printing.

If the paper you are using is not suitable for borderless printing, the print quality may be reduced at the top and bottom edges of the paper.

 [Printing Area](#)

Check3 Correct curl before loading paper.

When using Photo Paper Plus Semi-gloss, even if the sheet is curled, load one sheet at a time as it is. Rolling this paper in the opposite direction to flatten it may crack the paper surface and reduce the print quality.

We recommend putting unused paper back into the package and storing it flat.

• **Plain Paper**

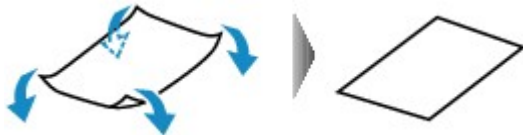
Turn the paper over and reload it to print on the other side.

• **Other Paper**

If the paper corners curl more than 0.1 inch / 3 mm (A) in height, the paper may smudge or may not feed properly. Follow the instructions below to correct the paper curl.



1. Roll up paper in opposite direction to paper curl as shown below.

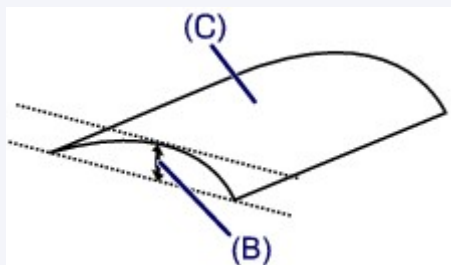


2. Check that paper is now flat.

We recommend printing curl-corrected paper one sheet at a time.

►►► Note

- Depending on paper type, the paper may smudge or may not feed properly even if it is not curled inward. Follow the instructions below to curl the paper outward up to 0.1 inch / 3 mm (B) in height before printing. This may improve the print result.



(C) Print side

We recommend feeding paper that has been curled outward one sheet at a time.

Check4 Set printer to prevent paper abrasion.

Adjusting the setting to prevent paper abrasion will widen the clearance between the print head and the paper. If you notice abrasion even with the media type set correctly to match the paper, set the machine to prevent paper abrasion using the operation panel or the computer.

This may reduce the print speed.

* Once you have finished printing, undo this setting. Otherwise, it will apply to subsequent print jobs.

- From operation panel

Touch the **HOME** button, select **Setup, Device settings**, and **Print settings**, and then set **Prevent paper abrasion** to **ON**.

■ [Changing Settings from Operation Panel](#)

- From computer

- For Windows:

Open the printer driver setup window, select **Custom Settings** in **Maintenance** sheet, select **Prevent paper abrasion** check box, and then click **OK**.

To open the printer driver setup window, see [How to Open the Printer Driver Setup Window](#).

- For Mac OS:

In the Canon IJ Printer Utility, select **Custom Settings** in the pop-up menu, select **Prevent paper abrasion** check box, and then click **Apply**.

To open the Canon IJ Printer Utility, see [Opening the Canon IJ Printer Utility](#).

Check5 If intensity is set high, reduce intensity setting and try printing again.

If you are printing with a high intensity setting on plain paper, the paper may absorb too much ink and become wavy, causing paper abrasion.

- Printing from your computer

Check the intensity setting in the printer driver.

- For Windows:

■ [Adjusting Intensity](#)

- For Mac OS:

■ [Adjusting Intensity](#)

- Copying

■ [Setting Items for Copying](#)

Check6 Do not print outside recommended printing area.

If you print outside the recommended printing area of your paper, ink may stain the lower edge of the paper.

Resize the document using application software.

■ [Printing Area](#)

Check7 Is platen glass dirty?

Clean the platen glass.

■ [Cleaning the Platen Glass and Document Cover](#)

Check8 Is inside of machine dirty?

During duplex printing, ink may stain the inside of the machine, smudging the printout.

Perform bottom plate cleaning to clean inside of machine.

■ [Cleaning the Inside of the Machine \(Bottom Plate Cleaning\)](#)

▶▶▶ Note

- To prevent staining inside the machine, be sure to set the correct paper size.

Check9 Set longer ink drying time.

This allows the printed surface to dry, preventing smudges and scratches.

- For Windows:

1. Make sure machine is turned on.
2. Open printer driver setup window.

■ [How to Open the Printer Driver Setup Window](#)

3. Click **Maintenance** tab and **Custom Settings**.
4. Drag **Ink Drying Wait Time** slide bar to set the wait time and click **OK**.
5. Check message and click **OK**.

- For Mac OS:

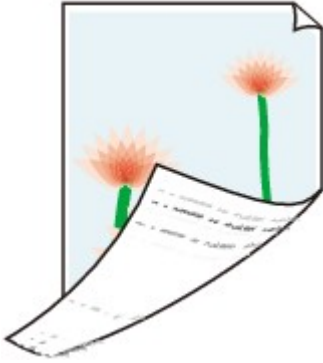
1. Make sure machine is turned on.
2. Open Canon IJ Printer Utility.

- [Opening the Canon IJ Printer Utility](#)

3. Select **Custom Settings** in the pop-up menu.
4. Drag **Ink Drying Wait Time**: slide bar to set the wait time and click **Apply**.
5. Check message and click **OK**.



Back of Paper Is Smudged



Check1 Check paper and print quality settings.

■ [Print Results Are Unsatisfactory](#)

Check2 Is the paper feed roller dirty?

Clean the paper feed roller.

■ [Cleaning the Paper Feed Roller](#)

▶▶▶ Note

- Cleaning the paper feed roller will wear the roller, so perform this procedure only when necessary.

Check3 Perform bottom plate cleaning to clean inside of machine.

■ [Cleaning the Inside of the Machine \(Bottom Plate Cleaning\)](#)

▶▶▶ Note

- During borderless printing, duplex printing, or too much printing, ink may stain the inside of the machine.



Vertical Line Next to Image



Check Is loaded paper size correct?

If the loaded paper is larger than the size you specified, a vertical line may appear in the margin.

Set the paper size to match the loaded paper.

■ [Print Results Are Unsatisfactory](#)

▶▶ Note

- The direction of the vertical line pattern may vary depending on the image data or the print setting.
- This machine performs automatic cleaning when necessary to keep printouts clean. A small amount of ink is ejected for cleaning.

Although the ink is normally ejected onto the ink absorber at the outer edge of the paper, it may get onto the paper if the loaded paper is larger than the set size.



Uneven or Streaked Colors

Uneven Colors



Streaked Colors



Check1 Check paper and print quality settings.

 [Print Results Are Unsatisfactory](#)

Check2 Print nozzle check pattern and perform any necessary maintenance operations such as print head cleaning.

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzles.

For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see [If Printing Is Faint or Uneven](#).

- If nozzle check pattern is not printed correctly:
 - Check if the ink tank for the problem color is empty.
 - If the ink tank is not empty, perform print head cleaning and try printing the nozzle check pattern again.
- If problem is not resolved after performing print head cleaning twice:
 - Perform print head deep cleaning.

If the problem is not resolved after performing print head deep cleaning, turn off the machine and perform print head deep cleaning again 24 hours later.

- If problem is not resolved after performing print head deep cleaning twice:

If print head deep cleaning does not resolve the problem, the print head may be damaged. Contact your nearest Canon service center to request a repair.

Check3 Perform print head alignment.

[Aligning the Print Head](#)

Note

- If the problem is not resolved after performing the print head alignment, perform print head alignment manually. See [Aligning the Print Head Manually](#).



No Ink Comes Out



Check1 Has ink run out?

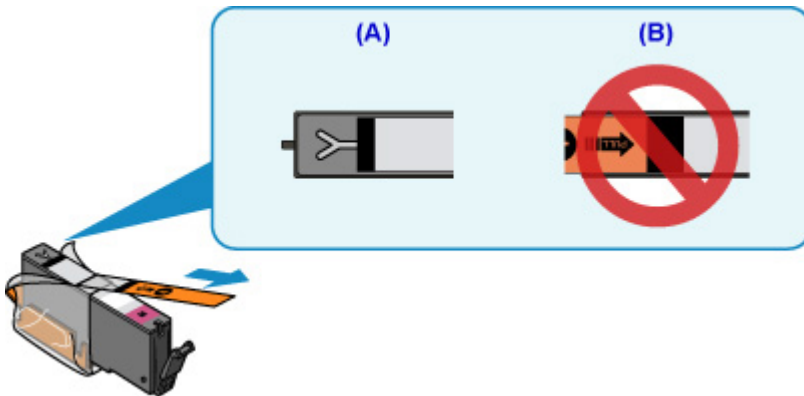
Open the operation panel and check the ink lamp.

[Checking Ink Status](#)

Check2 Is orange tape or protective film still on ink tank?

Make sure all the protective film is peeled off to expose the Y-shaped air hole, as shown below (A).

If the orange tape remains on the ink tank (B), peel it off.



Check3 Are print head nozzles clogged?

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzles.

For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see [If Printing Is Faint or Uneven](#).

- If nozzle check pattern is not printed correctly:
 - Check if the ink tank for the problem color is empty.
 - If the ink tank is not empty, perform print head cleaning and try printing the nozzle check pattern again.
- If problem is not resolved after performing print head cleaning twice:
 - Perform print head deep cleaning.
 - If the problem is not resolved after performing print head deep cleaning, turn off the machine and perform print head deep cleaning again 24 hours later.
- If problem is not resolved after performing print head deep cleaning twice:
 - If print head deep cleaning does not resolve the problem, the print head may be damaged. Contact your nearest Canon service center to request a repair.



Paper Does Not Feed Properly/"No Paper" Error



Check1 Make sure paper is loaded.

[Loading Paper](#)

Check2 When loading paper, consider the following.

- When loading two or more sheets of paper, align the edges of the sheets before loading the paper.
- When loading two or more sheets of paper, make sure the paper stack does not exceed the paper load limit.

However, paper may not feed correctly at the maximum capacity, depending on the type of paper or environmental conditions (very high or low temperature and humidity). In such cases, reduce the amount of paper you load at a time to less than half of the paper load limit.

- Always load the paper in portrait orientation, regardless of the printing orientation.

»» Important

- When loading paper in the cassette, slide the paper guide on the front side to align with the corresponding mark of page size. Load the paper with the print side facing DOWN, load the paper stack in the center of the cassette and slide the paper guides to align with the both edges of the paper stack.

[Loading Paper](#)

Check3 Is paper too thick or curled?

[Media Types You Cannot Use](#)

Check4 When loading postcards or envelopes, consider the following:

- If a postcard is curled, it may not feed properly even though the paper stack does not exceed the paper load limit.

Load Japanese postcards with their postcode column toward the far end of the cassette 1.

- When printing on envelopes, see [Loading Paper](#), and prepare the envelopes before printing.

Once you have prepared the envelopes, load them in portrait orientation. If the envelopes are placed in landscape orientation, they will not feed properly.

Check5 Make sure media type and paper size settings match with loaded paper.

Check6 Make sure disc tray guide is closed completely.

Paper does not feed properly if the disc tray guide is even slightly open.

[Placing a Printable Disc](#)

Check7 Clean paper feed roller.

[Cleaning the Paper Feed Roller](#)

▶▶ Note

- Cleaning the paper feed roller abrades it, so do this only when necessary.

Check8 If two or more sheets of paper feed from cassette at once, clean inside of cassette.

For information on cleaning the inside of the cassette, see [Cleaning the Pad in the Cassette](#).

Check9 Are transport unit cover and rear cover attached properly?

See [Rear View](#) for the position of the rear cover.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Cannot Print on Disc Label

■ [Disc Label Printing Does Not Start](#)

■ [Disc Tray Does Not Feed Properly](#)

■ [Disc Tray Jammed](#)

Disc Label Printing Does Not Start

Check1 Is disc tray placed properly?

Open the disc tray guide, properly place the disc tray again and tap **OK** on the touch screen.

Use the disc tray supplied with this machine ("J" is on the upper side).

For more on placing the disc tray, see [Placing a Printable Disc](#).

Check2 Is printable disc placed on disc tray?

Place the printable disc on the disc tray properly and tap **OK** on the touch screen.

Use the disc tray supplied with this machine ("J" is on the upper side).

For more on placing the disc tray, see [Placing a Printable Disc](#).

Check3 If disc label printing stops before it is complete, try operation again.

If a certain period of time has elapsed while disc label printing is in progress, the machine stops initializing.

To resume initializing, tap **OK** on the touch screen.

Try the operation again following the on-screen instructions.

Disc Tray Does Not Feed Properly

Check1 Is disc tray placed properly?

Open the disc tray guide, properly place the disc tray again and tap **OK** on the touch screen.

Make sure you are using the disc tray supplied with the machine ("J" is on the upper side).

For more on placing the disc tray, see [Placing a Printable Disc](#).

Check2 Unrecognizable printable disc may be placed.

Canon recommends that you use printable discs specially processed to be printed on by an inkjet printer.

Q Disc Tray Jammed

A

Pull out the disc tray gently.

If the disc tray cannot be pulled out, turn the machine off and turn it back on again. The disc tray will automatically be ejected.

When the disc tray is pulled out, place the disc tray ("J" is on the upper side) again and retry printing. For more on placing the disc tray, see [Placing a Printable Disc](#).

If the disc tray is still jammed, check if there is a problem with the printable disc.

■ [Disc Tray Does Not Feed Properly](#)



Automatic Duplex Printing Problems



Check1 Is automatic duplex printing selected?

- For Windows:

Make sure **Duplex Printing** and **Automatic** check boxes are selected on **Page Setup** sheet in the printer driver setup window.

 Duplex Printing

- For Mac OS:

Make sure **Two-Sided** check box is selected on the Print dialog.

 [Duplex Printing](#)

Check2 Make sure loaded paper size is suitable for automatic duplex printing.

The paper sizes suitable for automatic two-sided printing are A4 and Letter.

Load paper of suitable size and tap **OK** on the touch screen.

Check3 Make sure paper size setting is correct.

Make sure the paper size setting is appropriate for automatic duplex printing.

Check the paper size setting in the application software.

Then, check the paper size setting in the printer driver.

- For Windows:

Check **Page Size** setting on **Page Setup** sheet in the printer driver setup window.

- For Mac OS:

Check **Paper Size** on the Page Setup dialog.

Note

- Duplex printing may not be available depending on the version of the application software.

Check4 Make sure media type setting is correct.

Make sure the media type setting is appropriate for automatic duplex printing.

- For Windows:

Make sure the loaded paper is suited to automatic duplex printing in **Main** sheet in the printer driver setup window.

- For Mac OS:

Make sure the loaded paper is suited to automatic duplex printing in **Quality & Media** sheet on the Print dialog.

»» Note

- For Windows:

To switch to manual duplex printing, follow the procedure below.

Open the printer driver setup window, clear the **Automatic** check box on the **Page Setup** sheet, and reprint.

When performing manual duplex printing, note the following.

- If you are printing three or more pages of a document with manual duplex printing, one side of all sheets of paper will be printed first. Turn over the paper and reload the paper in the machine, and then the reverse side of all sheets of paper will be printed. Be careful not to change the order of paper in the stack.
 - The procedure for reversing the paper varies depending on the staple side and printing orientation. Follow the on-screen instructions.
- For Mac OS:
Manual duplex printing is not available.



Copying/Printing Stops



Check1 Is the disc tray guide opened while printing on paper?

Close the disc tray guide and tap **OK** on the touch screen.

Check2 Is paper loaded?

Make sure paper is loaded.

If necessary, load paper.

Check3 Do documents to be printed have many photographs or illustrations?

It takes time for the machine and the computer to process large data such as photos or other graphics, so it may seem that the machine is not working.

Also, if you are printing data that requires a lot of ink on successive sheets of plain paper, the machine may pause temporarily. In either case, wait until the process is complete.

▶▶▶ Note

- If you are printing a document with a large printing area or printing several copies, printing may pause to allow the ink to dry.

Check4 Has machine been printing continuously for a long period?

If the machine has been printing continuously for a long time, the print head or other parts around it may overheat. The machine may stop printing at a line break for a period of time and then resume printing.

In this case, wait a while without doing anything. If the printing does not resume, interrupt your print session and turn the machine off for at least 15 minutes.

⚠ Caution

- Print head and surrounding area can become extremely hot. Never touch print head or nearby components.



Cannot Print Using AirPrint



Check1 Make sure machine is turned on.

If the machine is turned on, turn it off and back on, and then check whether the issue is resolved.

Check2 Make sure machine is connected by LAN to same network subnet as AirPrint compliant device when printing over LAN.

Check3 Make sure machine has enough paper and ink.

Check4 Make sure no error message is displayed on machine's touch screen.

If the problem is not resolved, use the printer driver on your computer to execute printing and check whether the document can be printed normally on the machine.

Scanning Problems (Mac OS)

- ▶ **Scanning Problems**
- ▶ **Scan Results Are Unsatisfactory**
- ▶ **IJ Scan Utility Error Messages**
- ▶ **Scanner Driver Error Messages**

Scanning Problems

- ▶ **Scanner Does Not Work**
- ▶ **Scanner Driver Does Not Start**
- ▶ **Error Message Appears and the Scanner Driver Screen Does Not Appear**
- ▶ **Cannot Scan Multiple Originals at One Time**
- ▶ **Cannot Scan Properly with Auto Scan**
- ▶ **Slow Scanning Speed**
- ▶ **"There is not enough memory." Message Is Displayed**
- ▶ **Computer Stops Operating during Scanning**
- ▶ **Scanned Image Does Not Open**



Scanner Does Not Work



Check 1 Make sure that your scanner or printer is turned on.

Check 2 Connect the USB cable to a different USB port on the computer.

Check 3 If the USB cable is connected to a USB hub, remove it from the USB hub and connect it to a USB port on the computer.

Check 4 Restart the computer.



Scanner Driver Does Not Start



Check 1 Make sure that the scanner driver is installed.

If not installed, install the scanner driver from the web page.

Check 2 Select your scanner or printer on the application's menu.

»» Note

- The operation may differ depending on the application.

Check 3 Make sure that the application supports the ICA (Image Capture Architecture) driver.

You cannot start the scanner driver from applications not supporting the ICA driver.

Check 4 Scan and save images with IJ Scan Utility and open the files in your application.



Error Message Appears and the Scanner Driver Screen Does Not Appear



Check 1 Make sure that your scanner or printer is turned on.

Check 2 Turn off your scanner or printer, then reconnect the USB cable and replug the power cord.

Check 3 Connect the USB cable to a different USB port on the computer.

Check 4 If the USB cable is connected to a USB hub, remove it from the USB hub and connect it to a USB port on the computer.

Check 5 Make sure that the scanner driver is installed.

If not installed, install the scanner driver from the web page.

Check 6 Select your scanner or printer on the application's menu.

▶▶▶ Note

- The operation may differ depending on the application.

Check 7 Make sure that the application supports the ICA driver.

You cannot start the scanner driver from applications not supporting the ICA driver.

Check 8 Exit the scanner driver if it is running on another application.



Cannot Scan Multiple Originals at One Time



Check 1 Make sure that the items are placed correctly.

■ [Positioning Originals \(Scanning from Computer\)](#)

Check 2 Check if you can properly scan one item.

Some applications do not support multiple image scanning. In that case, scan each item individually.



Cannot Scan Properly with Auto Scan



Check 1 Make sure that the items are placed correctly.

■ [Positioning Originals \(Scanning from Computer\)](#)

Check 2 Multiple item scanning may not be supported.

Some applications do not support multiple image scanning. In that case, scan each item individually.



Slow Scanning Speed



Check 1 To view the image on a monitor, set the output resolution to around 150 dpi. To print, set it to around 300 dpi.

■ [Resolution](#)

Check 2 Set **Fading Correction**, **Grain Correction**, etc. to **None**.

Refer to "[Image Corrections and Color Adjustments](#)" for details.

Check 3 In IJ Scan Utility, deselect the **Correct slanted text document / Detect the orientation of text document and rotate image** checkbox and scan again.

■ [Settings \(Document Scan\) Dialog](#)

■ [Settings \(Custom Scan\) Dialog](#)



"There is not enough memory." Message Is Displayed



Check 1 Exit other applications and try again.

Check 2 Reduce the resolution or output size and scan again.

■ [Resolution](#)



Computer Stops Operating during Scanning



Check 1 Restart the computer, reduce the output resolution and scan again.

■ [Resolution](#)

Check 2 Delete unnecessary files to obtain sufficient free hard disk space, then scan again.

Error message may appear if there is not enough hard disk space to scan and save, when the image size is too large (such as when scanning a large item at high resolution).

Check 3 In **Folder to Save Temporary Files** of IJ Scan Utility, specify a folder on a drive with sufficient free space.

■ [Settings \(General Settings\) Dialog](#)

Check 4 Multiple devices may be connected to USB ports.

Disconnect devices other than your scanner or printer.



Scanned Image Does Not Open



Check If the data format is not supported by the application, scan the image again and select a popular data format such as JPEG when saving it.

Refer to the application's manual for details. If you have any questions, contact the manufacturer of the application.

Scan Results Are Unsatisfactory

- ▶ **Scan Quality (Image Displayed on the Monitor) Is Poor**
- ▶ **Scanned Image Is Surrounded by Extra White Areas**
- ▶ **Cannot Scan at the Correct Size**
- ▶ **Position or Size of the Image Cannot be Detected Correctly When Scanning from the Operation Panel**
- ▶ **Original Is Placed Correctly, but the Scanned Image Is Slanted**
- ▶ **Scanned Image Is Enlarged (Reduced) on the Computer Monitor**



Scan Quality (Image Displayed on the Monitor) Is Poor



Check 1 If the image is jagged, increase the scanning resolution, or select **TIFF** or **PNG** in **Data Format** of the Settings dialog.

- [Resolution](#)
- [Settings Dialog](#)

Check 2 Set the display size to 100 %.

Some applications do not display images clearly if the display size is too small.

Check 3 If moire (stripe pattern) appears, take the following measures and scan again.

- Set one of the following settings in the **Settings (Document Scan)** dialog, **Settings (Custom Scan)** dialog, or **Settings (Scan and Stitch)** dialog of IJ Scan Utility, then scan from the IJ Scan Utility main screen.
 - Set **Select Source** to **Magazine** and set **Color Mode** to **Color**
 - Select the **Reduce moire** checkbox in **Image Processing Settings**

- [Settings \(Document Scan\) Dialog](#)
- [Settings \(Custom Scan\) Dialog](#)
- [Settings \(Scan and Stitch\) Dialog](#)

- Click **Driver** in the IJ Scan Utility main screen, then set one of the following settings.
 - Select **Magazine** for **Image Adjustment**
 - Select the **Descreen** checkbox

Refer to "[Image Corrections and Color Adjustments](#)" for details.

▶▶▶ Note

- If moire appears when you scan a digital print photo, take the above measures and scan again.

Check 4 Clean the platen and document cover.

Check 5 If the item is in poor condition (dirty, faded, etc.), click **Driver** in the IJ Scan Utility main screen, then set **Reduce Dust**, **Fading Correction**, **Grain Correction**, etc.

Refer to "[Image Corrections and Color Adjustments](#)" for details.

Check 6 If the color tone of images is different from the original document, take the following measures and scan again.

Click **Driver** in the IJ Scan Utility main screen, then set **Image Adjustment** to **None**.

Refer to "[Image Corrections and Color Adjustments](#)" for details.



Scanned Image Is Surrounded by Extra White Areas



Check Specify the scan area.

Manually specify the scan area when there are white margins or unwanted areas along the edges of the scanned images in the **Image Stitch** window.

■ [Adjusting Cropping Frames in the Image Stitch Window](#)



Cannot Scan at the Correct Size



Check Make sure that the items are placed correctly.

- [Positioning Originals \(Scanning from Computer\)](#)



Position or Size of the Image Cannot be Detected Correctly When Scanning from the Operation Panel



Check 1 Make sure that the items are placed correctly.

- [Positioning Originals \(Scanning from Computer\)](#)

Check 2 Check that the settings match the item to be scanned.

If you cannot scan properly by automatically detecting the item type, specify the item type and size.

When Scanning from the Operation Panel:

Refer to "Setting Items for Scanning Using Operation Panel" for your model from Home of the *Online Manual* for details on the setting items when scanning from the operation panel.

When Scanning with IJ Scan Utility:

- [Scanning Documents](#)
- [Scanning Photos](#)
- [Scanning with Favorite Settings](#)



Original Is Placed Correctly, but the Scanned Image Is Slanted



Check When **Document** or **Magazine** is selected for **Select Source**, deselect the **Correct slanted text document** checkbox and scan the item again.

■ [Settings \(Document Scan\) Dialog](#)

■ [Settings \(Custom Scan\) Dialog](#)



Scanned Image Is Enlarged (Reduced) on the Computer Monitor



Check 1 Change the display setting in the application.

Refer to the application's manual for details. If you have any questions, contact the manufacturer of the application.

Check 2 Click **Driver** in the IJ Scan Utility main screen, then change the resolution setting and scan again.

The higher the resolution, the larger the resulting image will be.

■ [Resolution](#)

IJ Scan Utility Error Messages

If an error message for IJ Scan Utility appears, check the error code and follow the corresponding solution.

Error Code	Error Message	Solution
152	There is not enough memory. Exit other applications to increase available memory.	<ul style="list-style-type: none"> The memory required to start IJ Scan Utility cannot be obtained; exit other applications.
153	The image you attempted to scan is in a size that cannot be opened in the specified application. Change the settings so that the image size is reduced.	<ul style="list-style-type: none"> Reduce the resolution or output size and scan again.
157	<p>Cannot communicate with scanner for these reasons:</p> <ul style="list-style-type: none"> - Scanner is turned off. - (If using Wired LAN connection) It is disconnected from Wired LAN. - (If using wireless LAN connection) Signal strength is poor due to obstructions. - Network connection is prohibited by security software. - Different scanner on the network is selected. <p>Check the above and try scanning again. If you still cannot communicate, restart the computer.</p>	<ul style="list-style-type: none"> With network connection, check the connection status and reconnect as required. If the same error message still appears, restart the computer.
201	A required file is missing or corrupted, or settings are incorrect. Try the installation again.	<ul style="list-style-type: none"> Reinstall the scanner driver from the web page. Reinstall IJ Scan Utility from the web page.
202	<p>An internal error has occurred. Take the following measures.</p> <ul style="list-style-type: none"> - Check the scanner status. - Restart the scanner. - Restart the computer, then try again. - Reinstall the scanner driver. 	<ul style="list-style-type: none"> An internal error has occurred. Take the following measures. <ul style="list-style-type: none"> ◦ Check the scanner status. ◦ Restart the scanner. ◦ Restart the computer, then try again. ◦ Reinstall the scanner driver.
230	A scanner driver supporting this software is not installed. Install it and try again.	<ul style="list-style-type: none"> Reinstall the scanner driver from the web page.
231	Cannot complete the scan. The disk space is insufficient.	<ul style="list-style-type: none"> Delete unnecessary files on the hard disk and scan again.
232	<p>Cannot save the file. The disk is write-protected.</p> <p>Cancel the protection or use another disk.</p>	<ul style="list-style-type: none"> Cancel the write protection on the disk.
242	Cannot write file.	<ul style="list-style-type: none"> Check the access permission on the folder in Folder to Save Temporary Files in the Settings

		(General Settings) dialog or Save in in the corresponding Settings dialog .
243	Cannot read file.	<ul style="list-style-type: none"> • Check the access permission on the folder in Folder to Save Temporary Files in the Settings (General Settings) dialog or Save in in the corresponding Settings dialog .
244	You do not have the required privileges to access the specified folder.	<ul style="list-style-type: none"> • Grant access permission to the specified folder.

Scanner Driver Error Messages

Error Message	Solution
<p>Error in scanner. See the manual for solutions.</p>	<ul style="list-style-type: none"> • Make sure that your scanner or printer and the computer are connected correctly. • Your scanner or printer may be damaged. <p>Restart the computer, then reconnect your scanner. If the same error message still appears, contact the service center.</p>
<p>USB connection:</p> <p>Cannot communicate with scanner for these reasons:</p> <ul style="list-style-type: none"> - Scanner is turned off. - USB cable is disconnected. <p>Please check and try again.</p>	<ul style="list-style-type: none"> • Make sure that your scanner or printer is turned on. • Make sure that the selected scanner is correct. Refer to the application's manual for details. • With USB connection, check the connection of the USB cable and reconnect as required.
<p>Network connection:</p> <p>Cannot communicate with scanner for these reasons:</p> <ul style="list-style-type: none"> - Scanner is turned off. - (If using Wired LAN connection) It is disconnected from Wired LAN. - (If using wireless LAN connection) Signal strength is poor due to obstructions. - Network connection is prohibited by security software. - Different scanner on the network is selected. <p>Please check and try again.</p>	<ul style="list-style-type: none"> • With network connection, check the connection status and reconnect as required.
<p>A required file is missing or corrupted, or settings are incorrect. Try the installation again.</p>	<ul style="list-style-type: none"> • Reinstall the scanner driver from the web page.
<p>Cannot write or read file.</p>	<ul style="list-style-type: none"> • Exit running applications, check that there is sufficient free space on the hard disk, then scan again. • Make sure that there is no problem with the destination folder, file name, or access permission.
<p>There is not enough free disk space to complete the scan.</p>	<ul style="list-style-type: none"> • Delete unnecessary files on the hard disk and scan again.
<p>Printer is in use or an error has occurred. Check status.</p>	<ul style="list-style-type: none"> • Check the printer status.
<p>The scanner is not available while in use by another application or user.</p>	<ul style="list-style-type: none"> • Close the other application.

Mechanical Problems

- ▶ **Power Does Not Come On**
- ▶ **Power Shuts Off By Itself**
- ▶ **USB Connection Problems**
- ▶ **Cannot Communicate with Machine via USB**
- ▶ **Display on Touch Screen Is Off**
- ▶ **Touch Screen Shows Wrong Language**
- ▶ **Cannot Remove Memory Card**
- ▶ **Print Head Holder Does Not Move to Replacement Position**
- ▶ **Printer Status Monitor Not Displayed (Windows)**
- ▶ **Output Tray Extension Comes Off**



Power Does Not Come On



Check1 Touch **ON** button.

Check2 Make sure power plug is securely connected to machine, and then turn it back on.

Check3 Unplug machine, leave it for at least 2 minutes, and then plug it back in and turn it on again.

If this does not solve the problem, contact your nearest Canon service center to request a repair.



Power Shuts Off By Itself





Check If machine is set to turn off automatically after a certain time, disable this setting.

If you have set the machine to turn off automatically after a specified time, the power will shut off by itself once that time has elapsed.

- If you are using a Windows and if you do not want the machine to turn off automatically:
Open the printer driver setup window and in **Auto Power** in **Maintenance** sheet, select **Disable** for **Auto Power Off**.
- If you are using a Mac OS and if you do not want the machine to turn off automatically:
Open Canon IJ Printer Utility, select **Power Settings** in the pop-up menu, and then select **Disable** for **Auto Power Off** on **Auto Power**.

»» Note

- You can also enable the machine to turn on/off automatically from the operation panel.
 [ECO settings](#)
- If you are using a Windows, you can also enable the machine to turn on/off automatically from ScanGear (scanner driver).
 **Scanner Tab**

USB Connection Problems

Q Printing or Scanning Is Slow/Hi-Speed USB Connection Does Not Work/"This device can perform faster" Message Appears (Windows)

A

If your system environment does not support Hi-Speed USB, the machine operates at the slower speed of USB 1.1. In this case, the machine works properly but printing or scanning speed may slow down due to the communication speed.

Check

Check following to make sure your system environment supports Hi-Speed USB connection.

- Does the USB port on your computer support Hi-Speed USB connection?
- Does the USB cable or the USB hub support Hi-Speed USB connection?

Be sure to use a certified Hi-Speed USB cable. We recommend that the USB cable be no longer than 10 feet / 3 meters or so.

- Does the operating system of your computer support Hi-Speed USB connection?

Install the latest update for your computer.

- Is the Hi-Speed USB driver working properly?

If necessary, obtain and install the latest version of the Hi-Speed USB driver for your computer.

»» Important

- For more information, contact the manufacturer of your computer, USB cable, or USB hub.



Cannot Communicate with Machine via USB



Check1 Make sure machine is turned on.

Check2 Connect USB cable properly.

As the illustration below, the USB port is at the back of the machine.



Check3 Do not start IJ Network Tool while printing.

Check4 Do not print while IJ Network Tool is running.

Check5 Make sure **Enable bidirectional support** is selected in **Ports** sheet of properties dialog box of printer driver. (Windows)

■ ■ How to Open the Printer Driver Setup Window



Display on Touch Screen Is Off



- **If POWER lamp is off:**

The machine is not powered on. Check that the power cord is connected and touch the **ON** button.

- **If POWER lamp is lit:**

The touch screen may be in screen-saver mode. Tap the touch screen.




Touch Screen Shows Wrong Language



Follow the instructions below to select your language.

1. Touch **HOME** button and wait for about 5 seconds.

2. Flick HOME screen and tap  **Setup**.

[Using the Operation Panel](#)

3. Tap  **Device settings**.

4. Tap fifth setting item from top.

5. Tap a language for touch screen.



Cannot Remove Memory Card



Contact your nearest Canon service center to request a repair.

Important

- Never attempt to remove a memory card using a thin stick or tweezers. Doing so may damage the machine.

Note

- Exclusive adapters are required for the following memory cards. Insert these cards in the machine with adapters attached.

miniSD Card/miniSDHC Card/microSD Card/microSDHC Card/Memory Stick Micro



Print Head Holder Does Not Move to Replacement Position



Check1 Is **POWER** lamp off?

Check if the **POWER** lamp is lit.

The print head holder will not move unless the power is on. If the **POWER** lamp is off, close the operation panel and turn the machine on.

The **POWER** lamp flashes while the machine is initializing. Wait until the **POWER** lamp stops flashing and remains lit, and then open the operation panel again.

Check2 Is an error message displayed on touch screen?

Close the operation panel, follow the support code (error number) displayed in the error message to resolve the error, and then reopen it. For details on resolving the error, see [List of Support Code for Error](#).

Check3 Has operation panel been left open for 10 minutes or longer?

If the operation panel is left open for more than 10 minutes, the print head holder moves to the position to protect it to prevent the print head from drying out. Close and reopen the operation panel to return the print head holder to the position for replacing.

Check4 Has machine been printing continuously for a long period?

Close the operation panel, wait a while, and then reopen it.

If the machine has been printing continuously for a long time, the print head holder may not move to the position for replacing since the print head may overheat.

▶▶▶ Note

- Opening the operation panel while printing moves the print head holder to the position to protect it. Close the operation panel and reopen it after printing finishes.



Printer Status Monitor Not Displayed (Windows)



Check Is printer status monitor enabled?

Make sure that **Enable Status Monitor** is selected on the **Option** menu of the printer status monitor.

1. Open printer driver setup window.
 - ■ How to Open the Printer Driver Setup Window
2. On **Maintenance** sheet, click **View Printer Status**.
3. Select **Enable Status Monitor** on **Option** menu if it is not selected.



Output Tray Extension Comes Off



If the output tray extension comes off, the paper output tray is not closed properly.

▶▶ Note

- The output tray extension comes off easily to avoid it being damaged.

Hold the paper output tray and move the output tray extension slowly until it clicks into place.



Installation and Download Problems

- ▶ **Cannot Install MP Drivers**
- ▶ **Easy-WebPrint EX Does Not Start or Easy-WebPrint EX Menu Does Not Appear (Windows)**
- ▶ **Updating MP Drivers in Network Environment (Windows)**
- ▶ **Uninstalling IJ Network Tool**



Cannot Install MP Drivers



■ [For Windows:](#)

■ [For Mac OS:](#)

For Windows:

- **If installation does not start when you insert Setup CD-ROM:**

Follow the instructions below to start the installation.

1. Make the following settings.

- In Windows 8.1 or Windows 8, select **Explorer** icon in **Taskbar** on **Desktop**, and then select **Computer** from the list on the left.
- In Windows 7 or Windows Vista, click **Start**, and then click **Computer**.
- In Windows XP, click **Start**, and then click **My Computer**.

2. Double-click  **CD-ROM** icon in the window that appears.

If the contents of the CD-ROM appear, double-click **MSETUP4.EXE**.

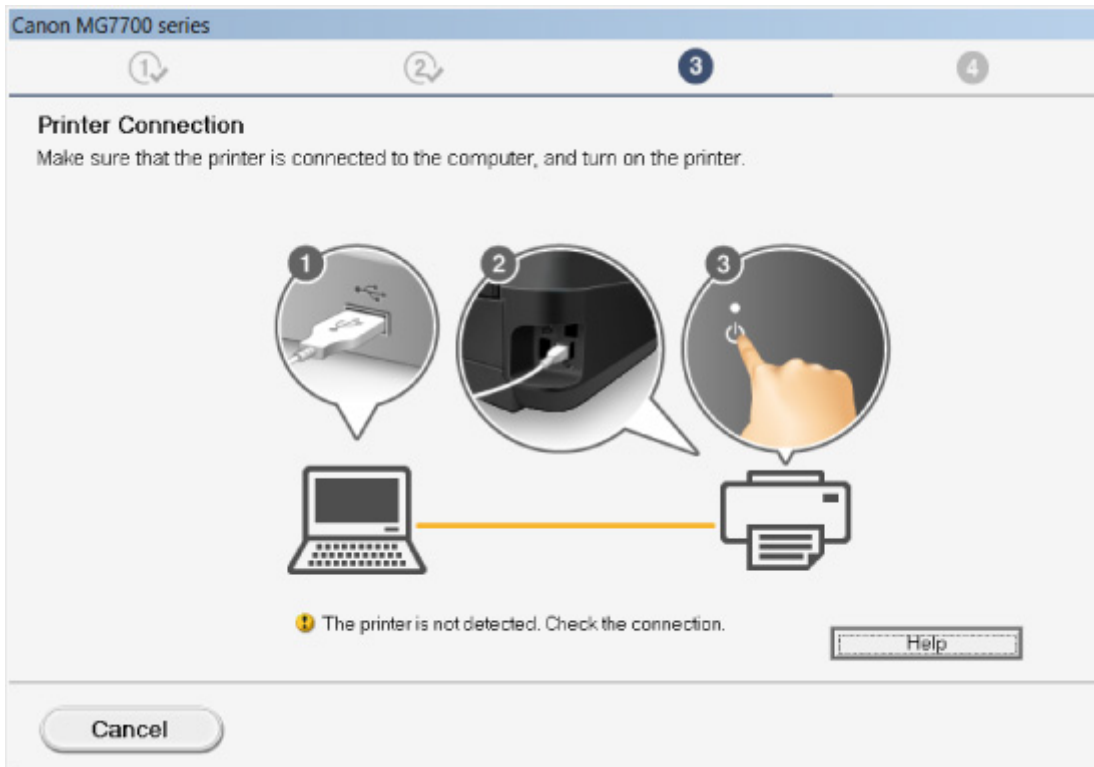
If you cannot install the MP Drivers with the Setup CD-ROM, install them from the Canon website.

▶▶▶ Note

- If the CD-ROM icon does not appear, try the following:
 - Remove the CD-ROM from your computer and reinsert it.
 - Restart your computer.

If the icon still does not appear, try a different disc and see if it appears. If it does, there is a problem with the Setup CD-ROM. Contact your nearest Canon service center to request a repair.

- If you cannot get past the Printer Connection screen:



■ [Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen](#)

- **Other cases:**

Reinstall the MP Drivers.

If the MP Drivers were not installed correctly, uninstall the MP Drivers, restart your computer, and then reinstall the MP Drivers.

■ Deleting the Unnecessary MP Drivers

Reinstall the MP Drivers with the Setup CD-ROM or install them from the Canon website.

▶▶▶ **Note**

- If the installer was stopped due to a Windows error, Windows operation may be unstable, and you may not be able to install the drivers. Restart your computer and then reinstall the drivers.

For Mac OS:

Download the drivers from the support page of Canon website and reinstall it.



Easy-WebPrint EX Does Not Start or Easy-WebPrint EX Menu Does Not Appear (Windows)



If Easy-WebPrint EX does not start or its menu does not appear on Internet Explorer, check the following.

Check1 Is **Canon Easy-WebPrint EX** displayed on **Toolbars** menu in Internet Explorer's **View** menu?

If **Canon Easy-WebPrint EX** is not displayed, Easy-WebPrint EX is not installed on your computer. Install the latest version of Easy-WebPrint EX from the Canon website.

▶▶▶ Note

- If Easy-WebPrint EX is not installed, a message asking you to install it may appear in the notification area on the desktop. Click the message and follow the instructions to install Easy-WebPrint EX.
- Internet access is required to install or download Easy-WebPrint EX.

Check2 Is **Canon Easy-WebPrint EX** selected on **Toolbars** menu in **Internet Explorer's View** menu?

If **Canon Easy-WebPrint EX** is not selected, Easy-WebPrint EX is disabled. Select **Canon Easy-WebPrint EX** to enable it.

Check3 Check the following to make sure your system environment supports Easy-WebPrint EX.

- Is it installed on the computer with proper system requirements?
- Did you start it using a compatible version of Internet Explorer?

Visit Canon website for more information of the system requirements of Easy-WebPrint EX.



Updating MP Drivers in Network Environment (Windows)



Download the latest MP Drivers.

The latest MP Drivers for your model are available for download on the Canon website.

Uninstall the existing MP Drivers and follow the installation instructions to install the latest MP Drivers that you downloaded. In the connection method selection screen, select **Use the printer with wireless LAN connection** or **Use the printer with wired LAN connection** according to the connection method you use.

The machine is detected automatically in the network.

Make sure the machine was found, and install the MP Drivers following the on-screen instructions.

▶▶▶ Note

- The network settings on the machine are not affected, so the machine can be used on the network without redoing settings.



Uninstalling IJ Network Tool



To uninstall IJ Network Tool from your computer, follow these steps.

■ [For Windows:](#)

■ [For Mac OS:](#)

For Windows:

»» Important

- Even if IJ Network Tool is uninstalled, you can still use a network to print or scan from the computer. However, you cannot use the network to change the network settings.
- Log into a user account with administrator privileges.

1. To uninstall IJ Network Tool, follow these steps.

- Windows 8.1 or Windows 8:
 1. Select **Control Panel** from **Settings** charm in **Desktop > Programs > Programs and Features**.
 2. Select **Canon IJ Network Tool** from program list, and then click **Uninstall**.
If **User Account Control** screen appears, click **Continue**.
- Windows 7 or Windows Vista:
 1. Click **Start > Control Panel > Programs > Programs and Features**.
 2. Select **Canon IJ Network Tool** from program list, and then click **Uninstall**.
If **User Account Control** screen appears, click **Continue**.
- Windows XP:
 1. Click **Start > Control Panel > Add or Remove Programs**.
 2. Select **Canon IJ Network Tool** from program list and click **Remove**.

2. When confirmation message appears, click **Yes**.

When message appears saying to restart your computer, click **OK** and restart computer.

For Mac OS:

»» Important

- Even if IJ Network Tool is uninstalled, you can still use a network to print or scan from the computer. However, you cannot use the network to change the network settings.

1. Select **Applications** from **Go** menu of Finder, double-click **Canon Utilities > IJ Network Tool**, and then drag **Canon IJ Network Tool** icon into **Trash**.
2. Restart computer.

Empty the **Trash** and restart your computer.

▶▶▶ Note

- To reinstall IJ Network Tool, uninstall IJ Network Tool and install it again from the Canon website.

Errors and Messages

- ▶ **An Error Occurs**
- ▶ **Message Appears**
- ▶ **Error Message Appears on PictBridge (Wireless LAN) Compliant Device**

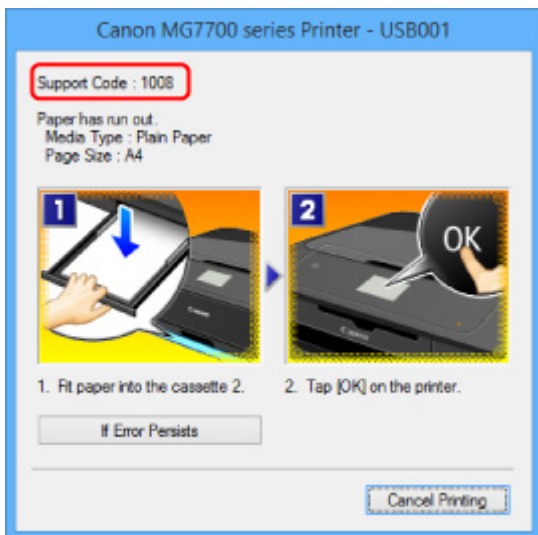
An Error Occurs

If an error occurs in printing, for example if the paper runs out or jams, a troubleshooting message appears automatically. Take the appropriate action described in the message.

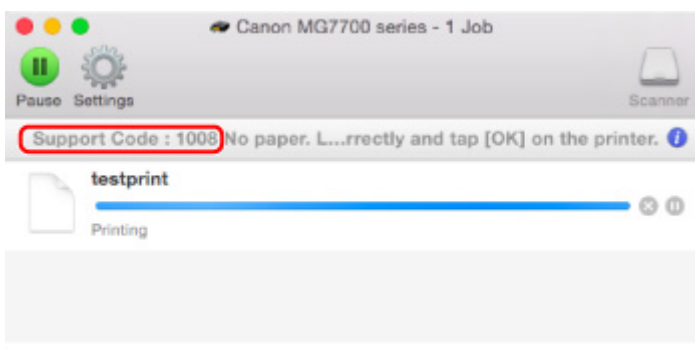
If an error occurs, a support code (error number) appears on the computer screen or the touch screen.

When a Support Code and a Message Are Displayed on Computer Screen:

- For Windows:

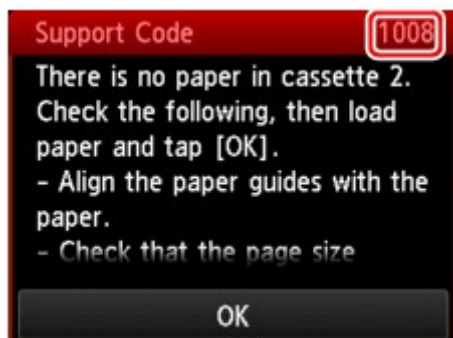


- For Mac OS:



* The screen differs depending on the OS you are using.

When a Support Code and a Message Are Displayed on Touch Screen:



For more on resolving errors with support codes, see [List of Support Code for Error](#).

»» Note

- You can also search for details on resolving the errors indicated by the support code shown.

■ [Search](#)

To resolve errors that do not have support codes, see [Message Appears](#).

Message Appears

This section describes some of the errors and messages that may appear.

►► Note

- A support code (error number) is displayed on the computer or on the touch screen for some errors. For details on errors that have support code, see [List of Support Code for Error](#).

If a message is displayed on the touch screen, see below.

- [Message Appears on Touch Screen](#)

If a message appears on the computer, see below.

- [Error Regarding Automatic Duplex Printing Is Displayed](#)
- [Error Regarding Power Cord Being Unplugged Is Displayed \(Windows\)](#)
- [Writing Error/Output Error/Communication Error \(Windows\)](#)
- [Other Error Messages \(Windows\)](#)
- [Inkjet Printer/Scanner/Fax Extended Survey Program Screen Is Displayed \(Windows\)](#)
- [Inkjet Printer/Scanner/Fax Extended Survey Program Icon Appears \(Mac OS\)](#)



Message Appears on Touch Screen



Check the message and take an appropriate action.

- **Data of supported types are not saved.**
 - There is no image data or document saved on the memory card that can be read by this machine.
 - The machine may not recognize the file if the file name or folder path contain certain characters. Use only alphanumeric characters.
 - Photo data edited or processed on a computer must be printed from the computer.

►► Note

- When a photo which has been processed on a computer is selected, "?" is displayed on the touch screen.

- **Cannot print the specified PDF file. An error has occurred while scanning the file, or the format is not supported, or the file is too large.**

- Make sure the PDF file is printable from a memory card. For more information, see [Printing Documents \(PDF File\) Saved on Memory Card](#).

►► Note

- The names of the PDF files are displayed even though they cannot be printed from the memory card. We recommend that you check whether they are printable. If one of the following conditions applies to the PDF files, they are not printable.
 - The **Details** screen is not displayed for the PDF file you want to print.

- Characters other than machine name, **IJ Scan Utility**, or **My Image Garden** are displayed on **Created with** on the **Details** screen.
- "?" is displayed on the preview screen.

◦ Data edited or processed on a computer must be printed from the computer.

- **The specified PDF file contains unprintable data. Some portions may not be printed.**

PDF file which contain lot of graphics or hi-resolution images may lose that data or stop before printing is completed. In this case, print from the computer.

- **The card is currently writable from PC. Set to [Not writable from PC].**

The card slot is set to **Writable from USB PC**.

You cannot print from the memory card when the card slot is set to **Writable from USB PC**. After writing on the memory card, select **Not writable from PC** in **Read/write attribute** under **Device user settings**.

- **Power was not turned off correctly the last time. Press the  button when turning power off.**

The machine may have been unplugged while the power was still on.

Tap **OK** on the touch screen.

Note

- See [Notice for Unplugging the Power Cord](#) to unplug the machine correctly.

- **Cannot connect to the server. Please wait a while and try again.**

The machine cannot connect to the server due to a communication error.

Tap **OK** on the touch screen and try again after a while.

Error Regarding Automatic Duplex Printing Is Displayed



Check See [Automatic Duplex Printing Problems](#) and take the appropriate action.

Error Regarding Power Cord Being Unplugged Is Displayed (Windows)



The machine may have been unplugged while it was on.

Check the error message that appears on the computer and click **OK**.

The machine starts printing.

See [Notice for Unplugging the Power Cord](#) to unplug the machine correctly.

Writing Error/Output Error/Communication Error (Windows)

Check1 If the **POWER** lamp is off, make sure machine is plugged in and turn it on.

If **POWER** lamp flashes while the machine is initializing. Wait until the **POWER** lamp stops flashing and remains lit.

Check2 Make sure correct printer port is set in printer driver.

* In the following instructions, "XXX" signifies your machine's name.

1. Log in using an account with administrator privileges.
2. Make the following settings.
 - In Windows 8.1 or Windows 8, select **Control Panel** from **Settings** charm on **Desktop > Hardware and Sound > Devices and Printers**.
 - In Windows 7, select **Devices and Printers** from **Start** menu.
 - In Windows Vista, select **Start** menu > **Control Panel > Hardware and Sound > Printers**.
 - In Windows XP, select **Start** menu > **Control Panel > Printers and Other Hardware > Printers and Faxes**.
3. Open printer driver properties.
 - In Windows 8.1, Windows 8, or Windows 7, right-click "Canon XXX series Printer" icon (where "XXX" is your machine's name), and then select **Printer properties**.
 - In Windows Vista or Windows XP, right-click "Canon XXX series Printer" icon (where "XXX" is your machine's name), and then select **Properties**.
4. Click **Ports** tab to check port settings.

Make sure that a port named "USBnnn" (where "n" is a number) with "Canon XXX series Printer" appearing in **Printer** column is selected for **Print to the following port(s)**.

Note

- When the machine is used over LAN, the port name of the machine is displayed as "CNBJNP_XXXXXXXXXX". "XXXXXXXXXX" is the character string generated from the MAC address or a character string specified by the user when setting up the machine.

- If setting is incorrect:

Reinstall the MP Drivers from the Setup CD-ROM or the Canon website.

- Printing does not start even though the machine is connected to the computer using a USB cable and the port named "USBnnn" is selected:

In Windows 8.1 or Windows 8, select **My Printer** on **Start** screen to start **My Printer**. If **My Printer** is not displayed on **Start** screen, select **Search** charm, and then search for "**My Printer**".

Set the correct printer port on **Diagnose and Repair Printer**. Follow the on-screen instructions to set the correct printer port, and then select your machine's name.

In Windows 7, Windows Vista, or Windows XP, click **Start** and select **All programs, Canon Utilities, Canon My Printer, Canon My Printer**, and then select **Diagnose and Repair Printer**. Follow the on-screen instructions to set the correct printer port, and then select your machine's name.

If the problem is not resolved, reinstall the MP Drivers from the Setup CD-ROM or the Canon website.

- Printing does not start even though the port named "CNBJNP_XXXXXXXX" is selected when the machine is used over LAN:

Launch IJ Network Tool, select "CNBJNP_XXXXXXXX" as you checked in step 4, and then associate the port with the printer using **Associate Port** in **Settings** menu.

If the problem is not resolved, reinstall the MP Drivers from the Setup CD-ROM or the Canon website.

Check3 Make sure machine is properly connected to computer.

If you are using a USB cable, make sure it is securely connected to both the machine and the computer. When the USB cable is securely plugged in, check the following:

- If you are using a relay device such as a USB hub, disconnect it, connect the machine directly to the computer, and retry the printing. If printing starts normally, there is a problem with the relay device. Contact the vendor of the relay device.
- There could also be a problem with the USB cable. Replace the USB cable and retry the printing.

If you use the machine over a LAN, make sure the machine is connected to the network with a LAN cable or is correctly set up for network use.

Check4 Make sure MP Drivers are installed correctly.

Uninstall the MP Drivers following the procedure described in Deleting the Unnecessary MP Drivers and reinstall them from the Setup CD-ROM or the Canon website.

Check5 When machine is connected to your computer with a USB cable, check device status from your computer.

Follow the procedure below to check the device status.

1. Open the Device Manager on your computer as shown below.

If **User Account Control** screen is displayed, follow the on-screen instructions.

- In Windows 8.1 or Windows 8, select **Control Panel** from **Settings** charm on **Desktop > Hardware and Sound > Device Manager**.
- In Windows 7 or Windows Vista, click **Control Panel, Hardware and Sound, and Device Manager**.
- In Windows XP, click **Control Panel, Performance and Maintenance, System, and Device Manager** on **Hardware** sheet.

2. Double-click **Universal Serial Bus controllers** and **USB Printing Support**.

If **USB Printing Support Properties** screen does not appear, make sure the machine is correctly connected to the computer.

Check3 [Make sure machine is properly connected to computer.](#)

3. Click **General** tab and check for a device problem.

If a device error is shown, see Windows Help to resolve it.

Other Error Messages (Windows)



Check If an error message appears outside printer status monitor, check the following:

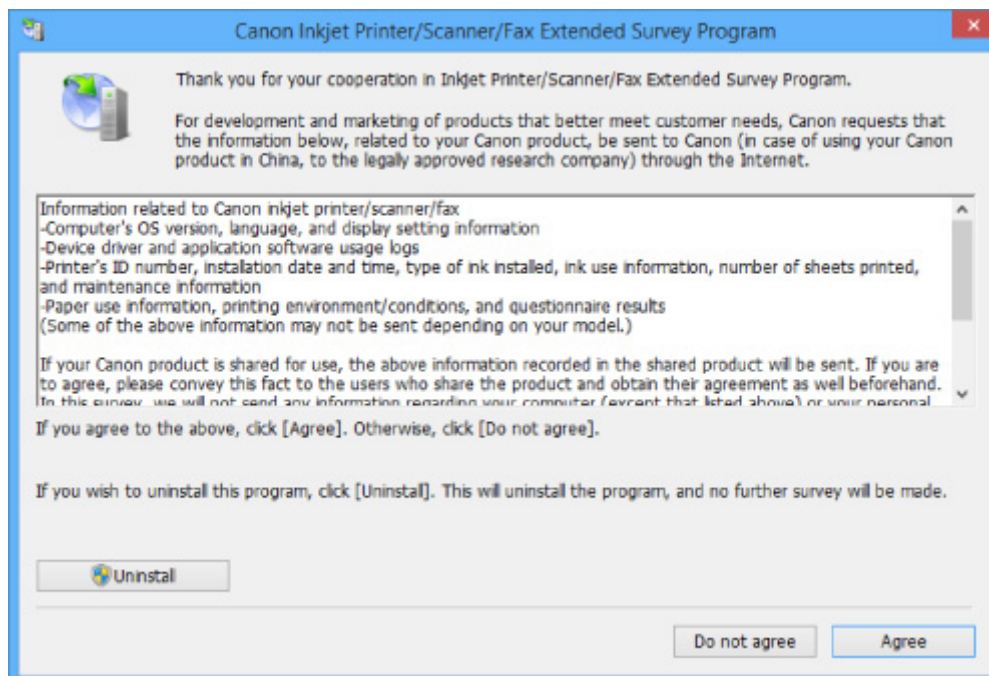
- **"Could not spool successfully due to insufficient disk space"**
Delete any unnecessary files to increase the amount of free space on the disk.
- **"Could not spool successfully due to insufficient memory"**
Close other applications to increase the available memory.
If you still cannot print, restart your computer and retry the printing.
- **"Printer driver could not be found"**
Uninstall the MP Drivers following the procedure described in Deleting the Unnecessary MP Drivers and reinstall them from the Setup CD-ROM or the Canon website.
- **"Could not print Application name - File name"**
Try printing again once the current job is complete.

Q Inkjet Printer/Scanner/Fax Extended Survey Program Screen Is Displayed (Windows)

A

If the Inkjet Printer/Scanner/Fax Extended Survey Program is installed, a screen appears asking for permission to send the machine and application usage information every month for about ten years.

Read the information on the screen and follow the instructions below.



- **If you agree to participate in survey program:**

Click **Agree** and follow the on-screen instructions. The printer usage information is sent via the Internet. Once you have completed the procedure, the information is subsequently sent automatically and the confirmation screen does not reappear.

►► Note

- When the information is being sent, a warning such as an Internet security message may appear. Make sure the program name is "IJPLMUI.exe" and allow it.
- If you clear **Send automatically from the next time** check box, the information will not be sent automatically from next time and a confirmation screen will appear at the time of the next survey. To send the information automatically, see [Changing confirmation screen setting](#).

- **If you do not agree to participate in survey program:**

Click **Do not agree**. The confirmation screen closes and the survey is skipped. The confirmation screen will reappear one month later.

- **To uninstall Inkjet Printer/Scanner/Fax Extended Survey Program:**

To uninstall the Inkjet Printer/Scanner/Fax Extended Survey Program, click **Uninstall** and follow the on-screen instructions.

- **Changing confirmation screen setting:**

1. Make the following settings.

- In Windows 8.1 or Windows 8, select **Control Panel** from **Settings** charm on **Desktop** > **Programs** > **Programs and Features**.
- In Windows 7, or Windows Vista, select **Start** menu > **Control Panel** > **Programs** > **Programs and Features**.
- In Windows XP, select **Start** menu > **Control Panel** > **Add or Remove Programs**.

►► Note

- In Windows 8.1, Windows 8, Windows 7, or Windows Vista, a confirmation/warning dialog box may appear when installing, uninstalling or starting up software.

This dialog box appears when administrative rights are required to perform a task.

If you are logged in on an account with administrator privileges, follow the on-screen instructions.

2. Select **Canon Inkjet Printer/Scanner/Fax Extended Survey Program**.

3. Select **Change**.

If you select **Yes** after you have followed the on-screen instructions, the confirmation screen will appear at the time of the next survey.

If you select **No**, the information will be sent automatically.

►► Note

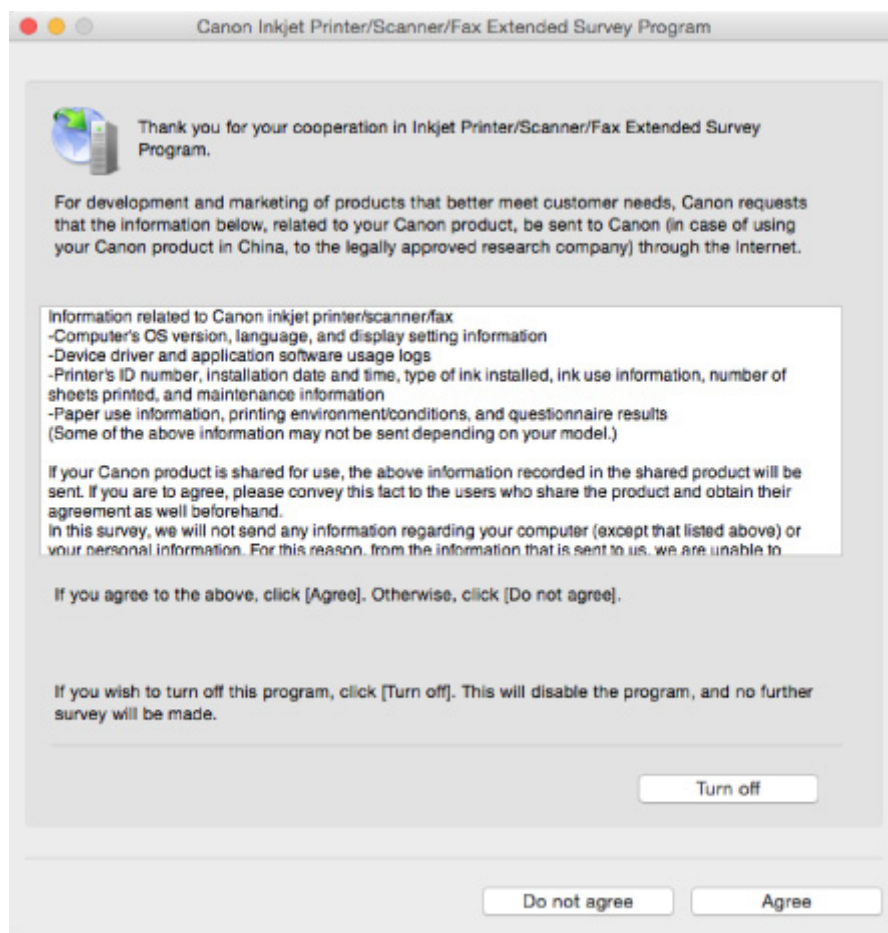
- If you select **Uninstall** (or **Remove** in Windows XP), the Inkjet Printer/Scanner/Fax Extended Survey Program is uninstalled. Follow the on-screen instructions.

Inkjet Printer/Scanner/Fax Extended Survey Program Icon Appears (Mac OS)



If the Inkjet Printer/Scanner/Fax Extended Survey Program is installed, the printer and application software usage information is sent every month for about ten years. The **Inkjet Printer/Scanner/Fax Extended Survey Program** icon appears in the Dock when it is time to send the printer usage information.

Click the icon, read the information that appears, and then follow the instructions below.



- **If you agree to participate in survey program:**

Click **Agree** and follow the on-screen instructions. The printer usage information is sent via the Internet. Once you have completed the procedure, the information is subsequently sent automatically and the confirmation screen does not reappear.

➤➤➤ **Note**

- If you clear the **Send automatically from the next time** check box, the information will not be sent automatically the next time and the **Inkjet Printer/Scanner/Fax Extended Survey Program** icon will appear in the Dock at the time of the next survey.

- **If you do not agree to participate in survey program:**

Click **Do not agree**. The confirmation screen closes and the survey is skipped. The confirmation screen will reappear one month later.

- **To stop sending the information:**

Click **Turn off**. This stops the Inkjet Printer/Scanner/Fax Extended Survey Program, and information is not sent. To resume the survey, see [Changing setting](#).

- **To uninstall Inkjet Printer/Scanner/Fax Extended Survey Program:**

1. Stop Inkjet Printer/Scanner/Fax Extended Survey Program.

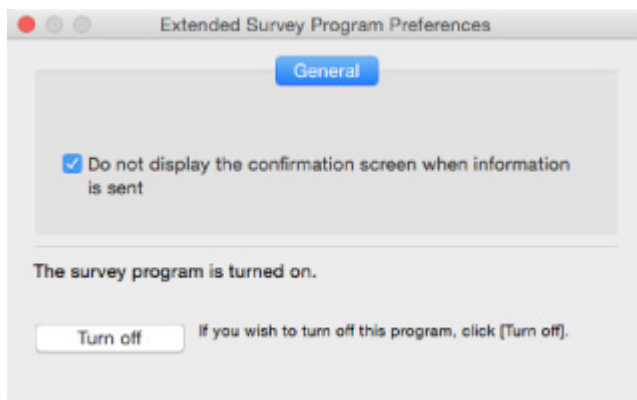
- **Changing setting:**

2. Select **Applications** from **Go** menu of Finder, double-click the **Canon Utilities** folder and **Inkjet Extended Survey Program** folder.
3. Move **Canon Inkjet Printer/Scanner/Fax Extended Survey Program.app** to **Trash**.
4. Restart computer.
Empty **Trash** and restart your computer.

- **Changing setting:**

To display the confirmation screen every time the printer usage information is sent or to resume surveying, follow the procedure below.

1. Select **Applications** from **Go** menu of Finder, double-click the **Canon Utilities** folder and **Inkjet Extended Survey Program** folder.
2. Double-click **Canon Inkjet Printer/Scanner/Fax Extended Survey Program** icon.



- **Do not display the confirmation screen when information is sent:**

If the check box is selected, the information will be sent automatically.

If the check box is not selected, **Inkjet Printer/Scanner/Fax Extended Survey Program** icon will appear in the Dock at the time of the next survey. Click the icon and follow the on-screen instructions.

- **Turn off/Turn on** button:

Click the **Turn off** button to stop the Inkjet Printer/Scanner/Fax Extended Survey Program.

Click the **Turn on** button to restart the Inkjet Printer/Scanner/Fax Extended Survey Program.



Error Message Appears on PictBridge (Wireless LAN) Compliant Device



The following errors may occur when you print directly from a PictBridge (Wireless LAN) compliant device. Follow the instructions below to resolve them.

▶▶▶ Note

- This section describes errors that appear on Canon-brand PictBridge (Wireless LAN) compliant devices. The error messages and operations may vary depending on the device you are using. For errors on other brands of PictBridge (Wireless LAN) compliant devices, check the support code (error number) on the touch screen and take the appropriate action to clear the error.

■ [List of Support Code for Error](#)

- For the errors indicated on the PictBridge (Wireless LAN) compliant device and their solution, also refer to the instruction manual of the device. For other device problems, contact the manufacturer.

Error Message on PictBridge (Wireless LAN) Compliant Device	What to Do
"Printer in use"	<p>If the machine is printing from the computer or warming up, wait until it finishes.</p> <p>When it is ready, the machine starts automatically.</p> <p>If the machine is not printing from a computer or warming up, check the support code on the touch screen and take the appropriate action to resolve the error.</p> <p>■ List of Support Code for Error</p>
"No paper"	<p>Load paper in the cassette, and select Continue* in the display of your PictBridge (Wireless LAN) compliant device.</p> <p>* Alternatively, load paper and tap OK on the touch screen of the machine to resume printing.</p> <p>See Cannot Print on Disc Label for disc label printing.</p>
"Paper Error"	<ul style="list-style-type: none"> • If the paper output tray is closed, open it and select Continue* in the display of your PictBridge (Wireless LAN) compliant device. * Alternatively, open the paper output tray and tap OK on the touch screen of the machine to resume printing. • If the disc tray guide is opened, close it and select Stop in the display of your PictBridge (Wireless LAN) compliant device to stop printing. <p>See Cannot Print on Disc Label for disc label printing.</p> <p>If neither of the above is applied, check the support code on the touch screen and take the appropriate action to resolve the error.</p> <p>■ List of Support Code for Error</p>
"Paper jam"	<p>Select Stop in the display of your PictBridge (Wireless LAN) compliant device to stop printing.</p>

	Remove the jammed paper, load new paper, tap OK on the touch screen, and try printing again.
"Printer cover open"	Close the operation panel on the machine.
"Waste tank full"/"Ink absorber full"	The ink absorber is nearly full. Check the support code on the touch screen and take the appropriate action to resolve the error. ■ List of Support Code for Error
"No ink"/"Ink cassette error"	Check the support code on the touch screen and take the appropriate action to resolve the error. ■ List of Support Code for Error
"Ink Error"	Check the support code on the touch screen and take the appropriate action to resolve the error. ■ List of Support Code for Error
"Hardware Error"	Check the support code on the touch screen and take the appropriate action to resolve the error. ■ List of Support Code for Error
"Printer error"	An error requiring servicing may have occurred. Turn off the machine and unplug it. Plug in the machine again and turn it back on. If this does not solve the problem, contact your nearest Canon service center to request a repair.

If You Cannot Solve a Problem

If there is a problem that you cannot solve following the instructions in this chapter, contact Canon through the Support page of the Canon website or contact your nearest Canon service center.

Canon support staff are trained to be able to provide technical support to satisfy customers.

Caution

- If the machine emits any unusual sound, smoke, or odor, turn it off immediately. Unplug the machine and contact the seller you bought it from or your nearest Canon service center. Never attempt to repair or disassemble the machine yourself.
- If you attempt to repair or take apart the machine, your warranty will be invalidated even if it has not expired.

Before contacting the service center, note the following:

- Product name
(Your machine's name is written on the front cover of the setup manual.)
- Serial number (see setup manual)
- Details of problem
- What you tried to solve the problem, and what happened

List of Support Code for Error

Support code appears on the touch screen and your computer screen when errors occur.

A "support code" is an error number, and appears along with an error message.

When an error occurs, check the support code displayed on the touch screen and computer screen and take the appropriate action in response.

Support Code Appears on Touch Screen and Computer Screen

- **1000 to 1ZZZ**

[1001](#) [1002](#) [1007](#) [1008](#) [1200](#) [1250](#)

[1253](#) [1254](#) [1255](#) [1256](#) [1257](#) [1300](#)

[1304](#) [1310](#) [1311](#) [1312](#) [1313](#) [1315](#)

[1316](#) [1401](#) [1403](#) [1405](#) [1410](#) [1411](#)

[1412](#) [1413](#) [1414](#) [1415](#) [1551](#) [1552](#)

[1600](#) [1660](#) [1680](#) [1681](#) [1684](#) [1688](#)

[1689](#) [1700](#) [1701](#) [1710](#) [1711](#) [1730](#)

[1731](#) [1750](#) [1830](#) [1850](#) [1851](#) [1855](#)

[1856](#) [1857](#) [1872](#) [1873](#) [1890](#)

- **2000 to 2ZZZ**

[2111](#) [2112](#) [2121](#) [2122](#) [2500](#) [2700](#)

- **3000 to 3ZZZ**

[3402](#) [3403](#) [3405](#) [3407](#) [3408](#) [3410](#)

[3411](#) [3412](#) [3413](#)

- **4000 to 4ZZZ**

[4100](#) [4101](#) [4103](#)

- **5000 to 5ZZZ**

[5011](#) [5012](#) [5100](#) [5101](#) [5200](#) [5400](#)

[5B00](#) [5B01](#) [5B10](#) [5B11](#) [5C00](#) [5C20](#)

- **6000 to 6ZZZ**

[6000](#) [6001](#) [6003](#) [6500](#) [6502](#) [6800](#)

[6801](#) [6900](#) [6901](#) [6902](#) [6910](#) [6911](#)

[6920](#) [6921](#) [6930](#) [6931](#) [6932](#) [6933](#)

[6934](#) [6935](#) [6936](#) [6937](#) [6938](#) [6940](#)

[6941](#) [6942](#) [6943](#) [6944](#) [6945](#) [6946](#)

[6950](#) [6B20](#)

• **A000 to ZZZZ**

[B202](#) [B203](#) [B204](#) [B205](#) [C000](#)

For paper jam support codes, see also [List of Support Code for Error \(Paper Jams\)](#).

List of Support Code for Error (Paper Jams)

If paper jams, remove it following the appropriate procedure as shown below.

- If you can see the jammed paper at the paper output slot:

■ [1300](#)

- If the paper is jammed during automatic duplex printing:

■ [1304](#)

- If the paper loaded in the cassette 1 is jammed:

■ [1311](#)

- If the paper loaded in the cassette 2 is jammed:

■ [1312](#)

- If the paper is jammed as the machine pulled in the printed paper:

■ [1313](#)

- If the paper loaded in the cassette 1 is jammed because the paper output tray is closed:

■ [1315](#)

- If the paper loaded in the cassette 2 is jammed because the paper output tray is closed:

■ [1316](#)

- If the paper tears and you cannot remove it from the paper output slot or from the transport unit:

■ [Paper Is Jammed inside Machine](#)

- Cases other than above:

■ [Other Cases](#)

1300

Cause

Paper is jammed in paper output slot.

What to Do

If you can see the jammed paper at the paper output slot, remove the paper by following these steps.

1. Slowly pull out paper.

Hold the paper with both hands, and pull it out slowly so as not to tear it.



▶▶▶ Note

- If you cannot pull out the paper, turn the machine back on. The paper may be ejected automatically.
- If paper becomes jammed during printing and you need to turn off the machine to remove it, touch the **Stop** button to stop the printing before you turn off the machine.
- If the paper tears and you cannot remove the jammed paper from the paper output slot, remove the paper from inside the machine.

■ [Paper Is Jammed inside Machine](#)

2. Reload paper and tap **OK** on machine's touch screen.

The printer resumes printing. Reprint the page you were printing if it was not printed properly due to the paper jam.

If you turned off the machine in step 1, the print data that was sent to the machine is erased. Redo the printing.

▶▶▶ Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly.
- We recommend using paper sizes other than A5 to print documents with photos or graphics. A5 paper may curl and jam as it leaves the machine.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

1304

Cause

Paper is jammed during automatic duplex printing.

What to Do

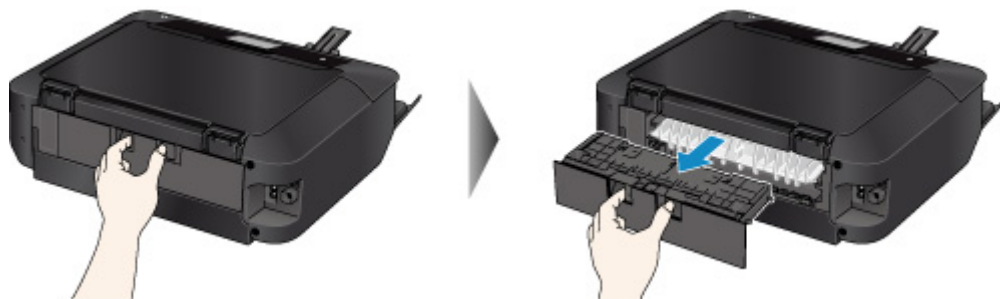
If the paper is jammed when performing automatic duplex printing, remove the paper by following these steps.

▶▶▶ Note

- If paper becomes jammed during printing and you need to turn off the machine to remove it, touch the **Stop** button to stop the printing before you turn off the machine.

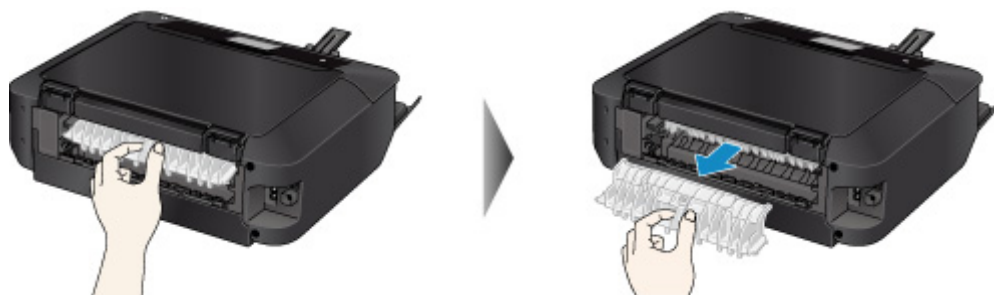
1. Detach rear cover.

Pull out the rear cover.



2. Detach transport unit cover.

Lift up the transport unit cover and pull out it.



3. Slowly pull out paper.



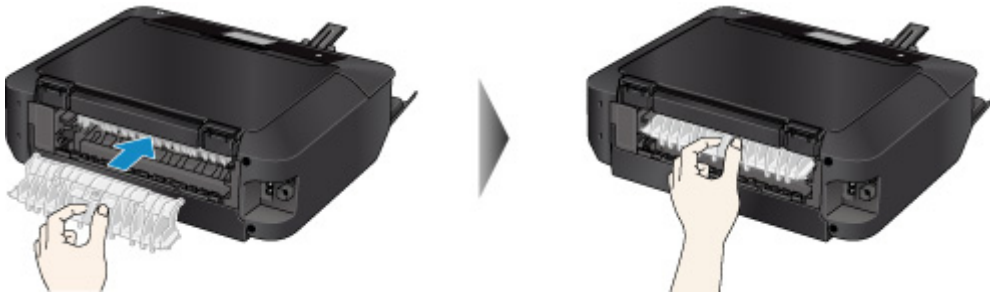
▶▶▶ Note

- Do not touch the inner parts of the machine.

- If you cannot pull out the paper, open the paper output tray.

4. Attach transport unit cover.

Insert the transport unit cover to the back of the machine.



5. Attach rear cover.

Insert the rear cover to the back of the machine.



If you were not able to remove the paper in step 3:

4. Detach both cassette 1 and cassette 2.

5. Slowly pull out paper.



6. If paper protrudes from cassette, remove paper and reload it after aligning edges of sheets.

▶▶▶ **Note**

- When reloading the paper, make sure you are using suitable paper and loading it correctly.

7. Attach cassettes to machine and tap **OK** on touch screen.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

1311

Cause

Paper loaded in cassette 1 is jammed.

What to Do

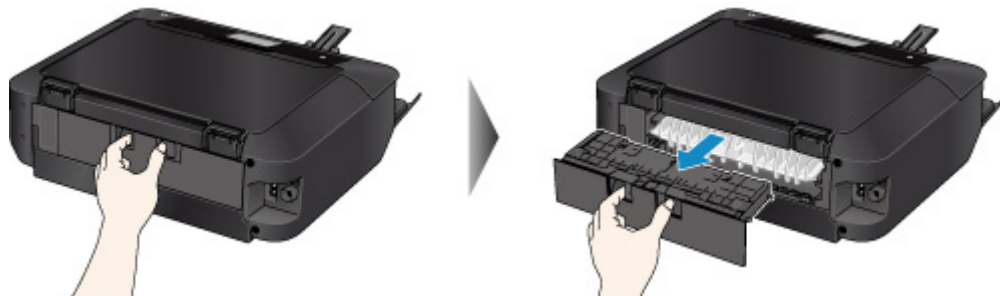
If the paper loaded in the cassette 1 is jammed, remove the paper by following these steps.

▶▶▶ Note

- If paper becomes jammed during printing and you need to turn off the machine to remove it, touch the **Stop** button to stop the printing before you turn off the machine.

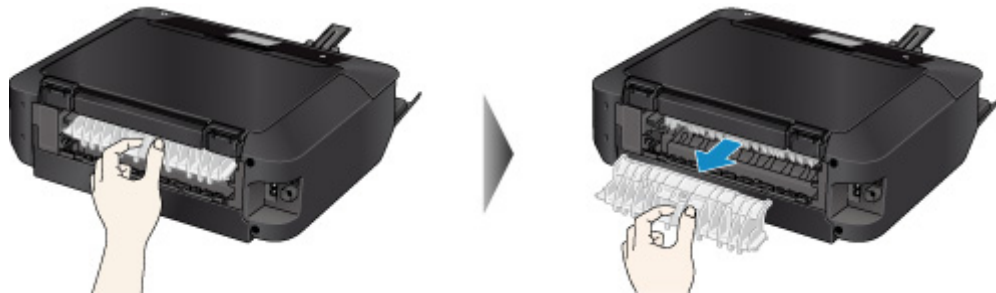
1. Detach rear cover.

Pull out the rear cover.



2. Detach transport unit cover.

Lift up the transport unit cover and pull out it.



3. Slowly pull out paper.



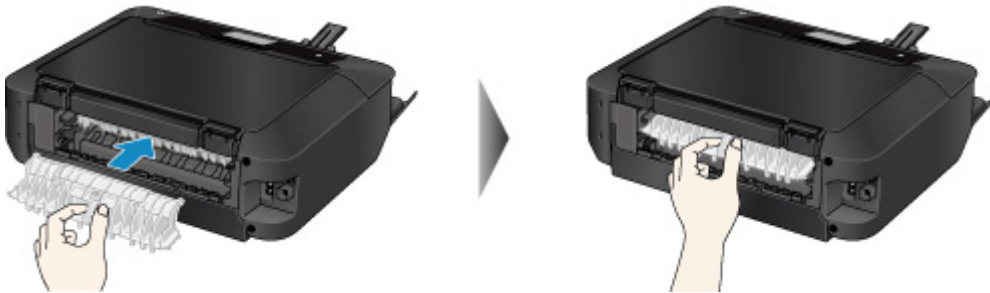
▶▶▶ Note

- Do not touch the inner parts of the machine.

- If you cannot pull out the paper, open the paper output tray.

4. Attach transport unit cover.

Insert the transport unit cover to the back of the machine.



5. Attach rear cover.

Insert the rear cover to the back of the machine.



If you were not able to remove the paper in step 3:

4. Detach both cassette 1 and cassette 2.

5. Slowly pull out paper.



6. If paper protrudes from cassette, remove paper and reload it after aligning edges of sheets.

▶▶▶ **Note**

- When reloading the paper, make sure you are using suitable paper and loading it correctly.

7. Attach cassettes to machine and tap **OK** on touch screen.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

1312

Cause

Paper loaded in cassette 2 is jammed.

What to Do

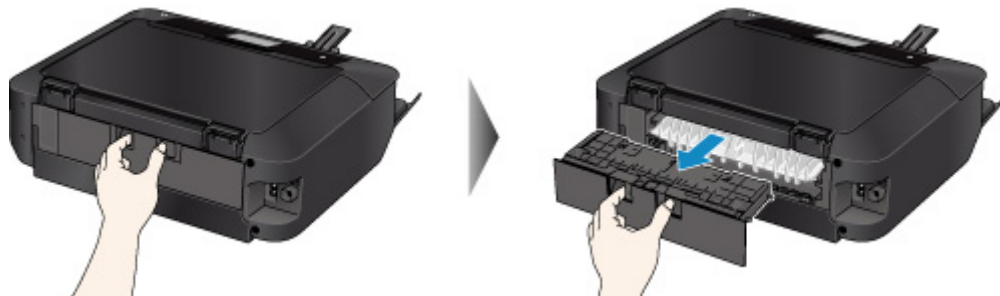
If the paper loaded in the cassette 2 is jammed, remove the paper by following these steps.

▶▶▶ Note

- If paper becomes jammed during printing and you need to turn off the machine to remove it, touch the **Stop** button to stop the printing before you turn off the machine.

1. Detach rear cover.

Pull out the rear cover.



2. Slowly pull out paper.



▶▶▶ Note

- Do not touch the inner parts of the machine.
- Open the paper output tray if you cannot pull out the paper.

3. Attach rear cover.

Insert the rear cover to the back of the machine.



If you were not able to remove the paper in step 2:

3. Detach both cassette 1 and cassette 2.
4. Slowly pull out paper.



5. If paper protrudes from cassette, remove paper and reload it after aligning edges of sheets.

▶▶ Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly.

6. Attach cassettes to machine and tap **OK** on touch screen.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

1313

Cause

Paper is jammed as machine pulled in printed paper.

What to Do

If the paper is jammed as the machine pulled in the printed paper, remove the paper by following these steps.

▶▶ Important

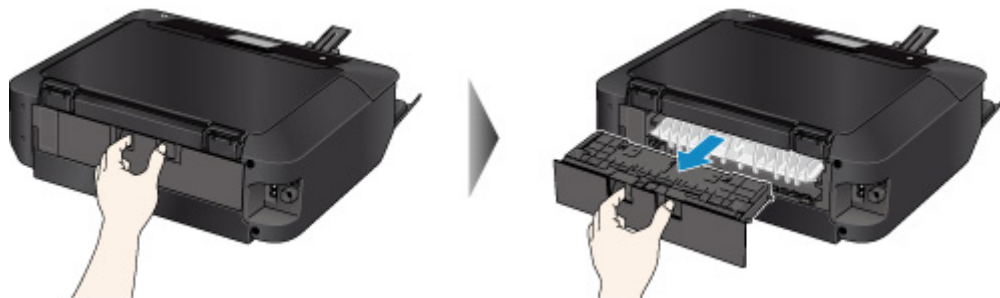
- If the printed paper piles up on the paper output slot, the machine may pull it in and the paper is jammed inside the machine. Remove the printed paper from the paper output tray before it amounts to 50 sheets.

▶▶ Note

- If paper becomes jammed during printing and you need to turn off the machine to remove it, touch the **Stop** button to stop the printing before you turn off the machine.

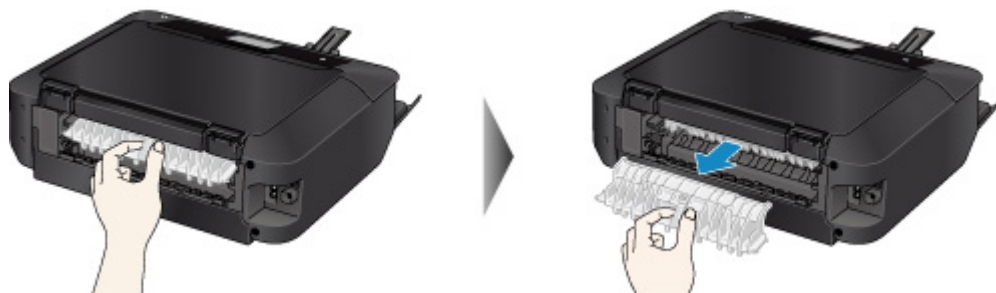
1. Detach rear cover.

Pull out the rear cover.



2. Detach transport unit cover.

Lift up the transport unit cover and pull out it.



3. Slowly pull out paper.

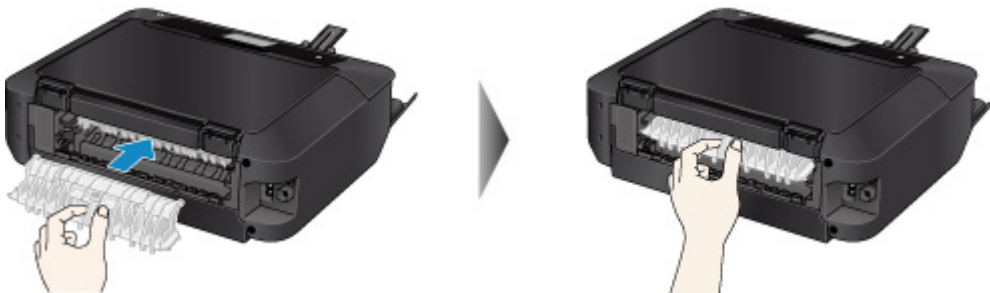


►► Note

- Do not touch the inner parts of the machine.
- If you cannot pull out the paper, open the paper output tray.

4. Attach transport unit cover.

Insert the transport unit cover to the back of the machine.



5. Attach rear cover.

Insert the rear cover to the back of the machine.



If you were not able to remove the paper in step 3:

4. Detach both cassette 1 and cassette 2.
5. Slowly pull out paper.



6. If paper protrudes from cassette, remove paper and reload it after aligning edges of sheets.

▶▶ Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly.

7. Attach cassettes to machine and tap **OK** on touch screen.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

1315

Cause

Paper loaded in cassette 1 is jammed because paper output tray is closed.

What to Do

If the paper loaded in the cassette 1 is jammed because the paper output tray is closed, open the paper output tray then remove the paper by following these steps.

■ [If you can see the jammed paper at the paper output slot:](#)

■ [If you cannot see the jammed paper at the paper output slot:](#)

▶▶▶ Note

- If paper becomes jammed during printing and you need to turn off the machine to remove it, touch the **Stop** button to stop the printing before you turn off the machine.

• If you can see the jammed paper at the paper output slot:

If you can see the jammed paper at the paper output slot, remove the paper by following these steps.

1. Slowly pull out paper.

Hold the paper with your hands and pull the paper out slowly not to tear it.



▶▶▶ Note

- If you cannot pull out the paper, turn the machine back on. The paper may be ejected automatically.
- If the paper tears and you cannot remove the jammed paper from the paper output slot, remove the paper from inside the machine.

■ [Paper Is Jammed inside Machine](#)

2. Reload the paper and tap **OK** on the touch screen.

If you turned off the machine in step 1, the print data that was sent to the machine is erased. Redo the printing.

▶▶▶ Note

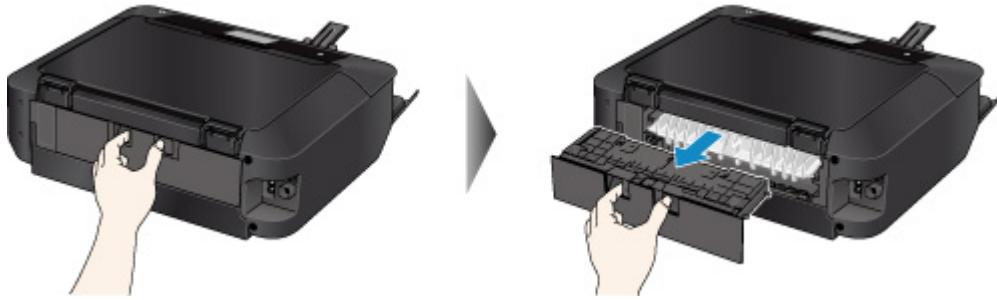
- When reloading the paper, make sure you are using suitable paper and loading it correctly.

• If you cannot see the jammed paper at the paper output slot:

If you cannot see the jammed paper at the paper output slot, remove the paper by following these steps.

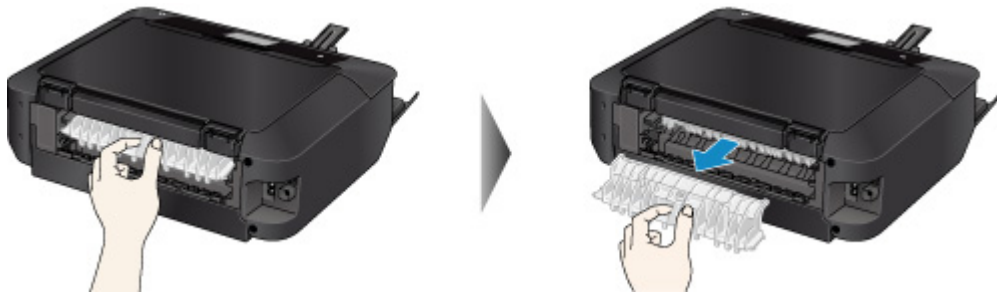
1. Detach rear cover.

Pull out the rear cover.



2. Detach transport unit cover.

Lift up the transport unit cover and pull out it.



3. Slowly pull out paper.

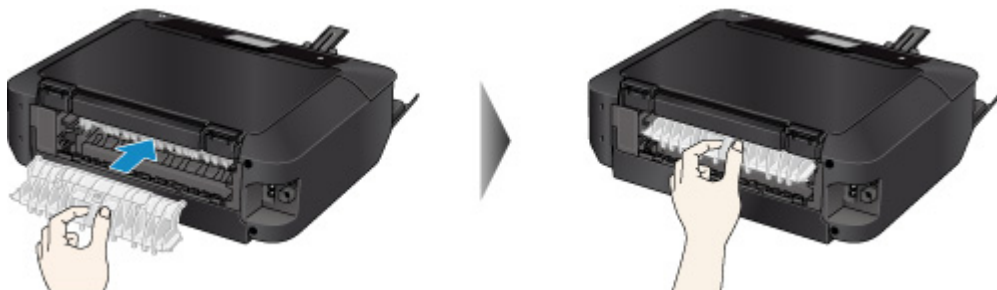


▶▶▶ **Note**

- Do not touch the inner parts of the machine.

4. Attach transport unit cover.

Insert the transport unit cover to the back of the machine.



5. Attach rear cover.

Insert the rear cover to the back of the machine.



If you were not able to remove the paper in step 3:

4. Detach both cassette 1 and cassette 2.
5. Slowly pull out paper.



6. If paper protrudes from cassette, remove paper and reload it after aligning edges of sheets.

▶▶▶ Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly.

7. Attach cassettes to machine and tap **OK** on touch screen.

▶▶▶ Important

- Do not close the paper output tray while the machine is in operation.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

1316

Cause

Paper loaded in cassette 2 is jammed because paper output tray is closed.

What to Do

If the paper loaded in the cassette 2 is jammed because the paper output tray is closed, open the paper output tray then remove the paper by following these steps.

■ [If you can see the jammed paper at the paper output slot:](#)

■ [If you cannot see the jammed paper at the paper output slot:](#)

▶▶▶ Note

- If paper becomes jammed during printing and you need to turn off the machine to remove it, touch the **Stop** button to stop the printing before you turn off the machine.

• If you can see the jammed paper at the paper output slot:

If you can see the jammed paper at the paper output slot, remove the paper by following these steps.

1. Slowly pull out paper.

Hold the paper with your hands and pull the paper out slowly not to tear it.



▶▶▶ Note

- If you cannot pull out the paper, turn the machine back on. The paper may be ejected automatically.
- If the paper tears and you cannot remove the jammed paper from the paper output slot, remove the paper from inside the machine.

■ [Paper Is Jammed inside Machine](#)

2. Reload the paper and tap **OK** on the touch screen.

If you turned off the machine in step 1, the print data that was sent to the machine is erased. Redo the printing.

▶▶▶ Note

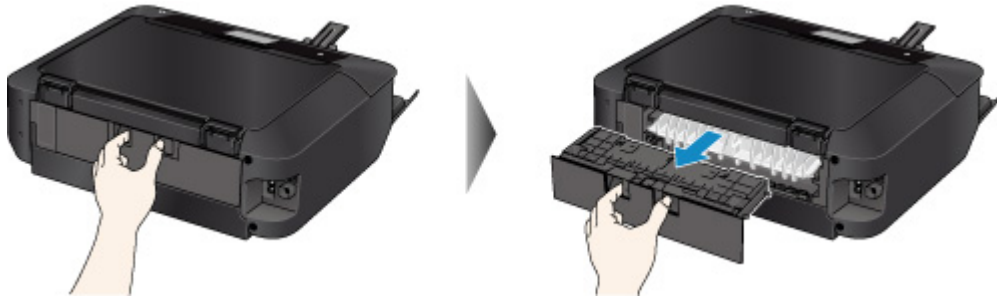
- When reloading the paper, make sure you are using suitable paper and loading it correctly.

• If you cannot see the jammed paper at the paper output slot:

If you cannot see the jammed paper at the paper output slot, remove the paper by following these steps.

1. Detach rear cover.

Pull out the rear cover.



2. Slowly pull out paper.



▶▶ Note

- Do not touch the inner parts of the machine.

3. Attach rear cover.

Insert the rear cover to the back of the machine.



If you were not able to remove the paper in step 2:

3. Detach both cassette 1 and cassette 2.
4. Slowly pull out paper.



5. If paper protrudes from cassette, remove paper and reload it after aligning edges of sheets.

▶▶ Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly.

6. Attach cassettes to machine and tap **OK** on touch screen.

▶▶ Important

- Do not close the paper output tray while the machine is in operation.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

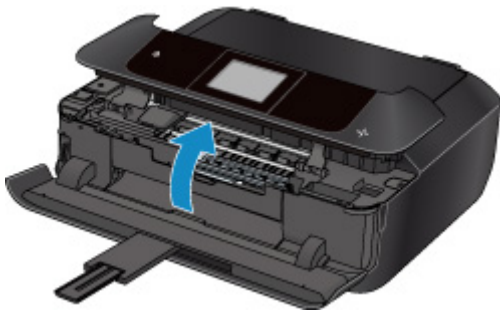
Paper Is Jammed inside Machine

If the jammed paper tears and you cannot remove the paper from the paper output slot or if the jammed paper remains inside the machine, remove the paper following the instructions below.

▶▶▶ Note

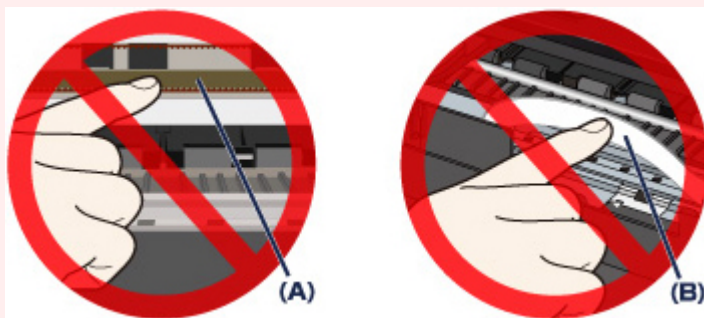
- If paper becomes jammed during printing and you need to turn off the machine to remove it, touch the **Stop** button to stop the printing before you turn off the machine.

1. Turn off machine and unplug it.
2. Lift up and open operation panel as far as it will go.



▶▶▶ Important

- Do not touch clear film (A) or white belt (B).

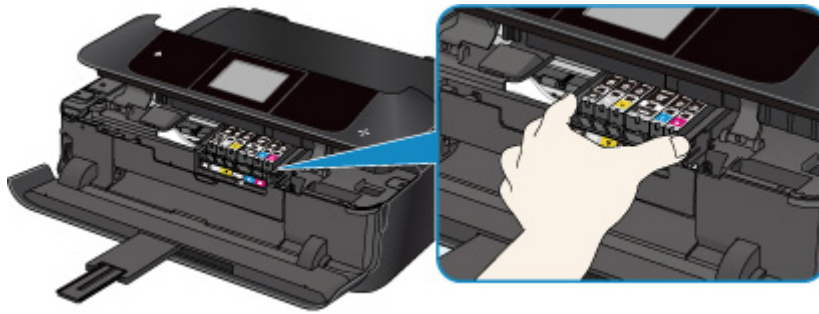


If you soil or scratch these parts by touching them with paper or your hand, it could damage the machine.

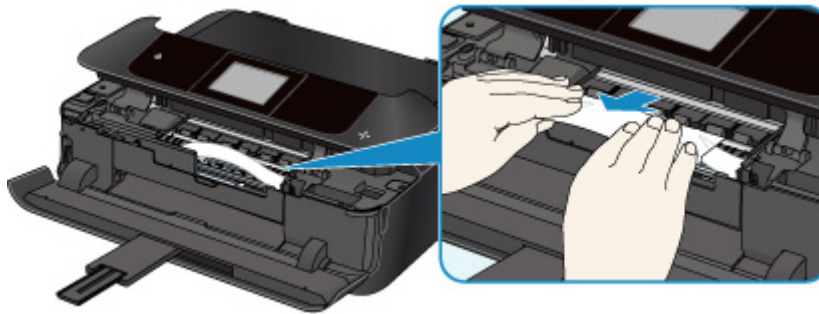
3. Check if jammed paper is under print head holder.

If the jammed paper is under the print head holder, move the print head holder to the far right or left, whichever makes it easier to remove the paper.

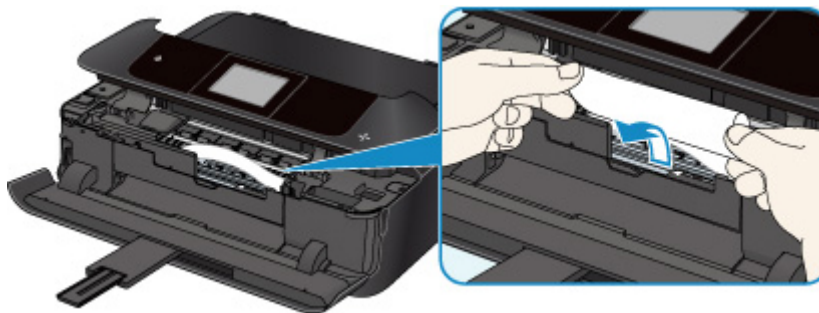
When moving the print head holder, hold the top of the print head holder and slide it slowly to the far right or left.



4. Hold jammed paper firmly in both hands.

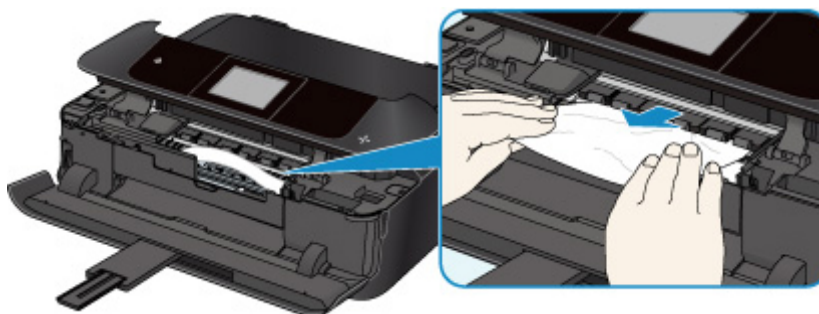


If the paper is rolled up, pull out it.



5. Slowly pull out paper, so as not to tear it.

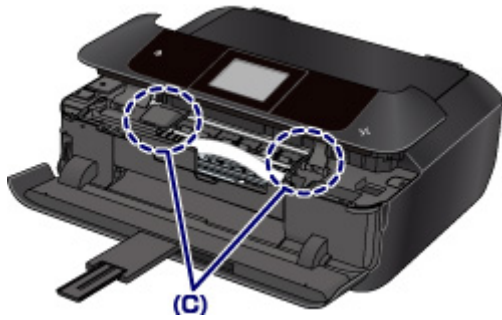
Pull out the paper at an angle of about 45 degrees.



6. Make sure all jammed paper is removed.

If the paper tears when you pull out it, a bit of paper may remain in the machine. Check the following and remove any remaining paper.

- Any paper left under the print head holder?
- Any small bits of paper left in the machine?
- Any paper left in the left and right empty spaces (C) in the machine?



7. Slowly close operation panel.

All jobs in the print queue are canceled. Redo the printing.

▶▶▶ Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly. If a paper jam message appears on the touch screen or on your computer screen when you resume printing after removing all the jammed paper, there may be some paper still inside the machine. Check the machine again for any remaining bits of paper.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Other Cases

Check the following:

Check1 Is anything blocking paper output slot?

Check2 Are transport unit cover and rear cover attached properly?

Check3 Is paper curled?

Correct curl before loading paper.

1001

Cause

There is no disc tray.

What to Do

When printing on printable discs (BD/DVD/CD, etc.), use the disc tray supplied with this machine ("J" is on the upper side). Place a printable disc on the disc tray, attach the disc tray to the machine, and then tap **OK** on the touch screen.

1002

Cause

Printable disc (BD/DVD/CD, etc.) is not set.

What to Do

When printing on printable discs, use the disc tray supplied with this machine ("J" is on the upper side). Place a printable disc on the disc tray, attach the disc tray to the machine, and then tap **OK** on the touch screen.

1007

Cause

Possible causes include the following.

- There is no paper in the cassette 1.
- Paper is not loaded in the cassette 1 properly.

What to Do

Take the corresponding actions below.

- Load paper in the cassette 1.

The small size photo paper such as 4" x 6" (10 x 15 cm) or 5" x 7" (13 x 18 cm), or postcard can be loaded in the cassette 1.

►► Important

- If you cut plain paper into small size such as 4" x 6" (10 x 15 cm) or 5" x 7" (13 x 18 cm) and try to print on it, the paper jam will occur.

- Align the paper guides with the both edges of the paper when you load paper in the cassette 1.

After carrying out the above measures, tap **OK** on the touch screen.

►► Note

- To cancel printing, touch the machine's **Stop** button.

1008

Cause

Possible causes include the following.

- There is no paper in the cassette 2.
- Paper is not loaded in the cassette 2 properly.

What to Do

Take the corresponding actions below.

- Load paper in the cassette 2.

The large size photo paper or plain paper such as A4, B5, A5, 8" x 10" (20 x 25 cm), Letter, or Legal, or envelope can be loaded in the cassette 2.

- Align the paper guides with the both edges of the paper when you load paper in the cassette 2.

After carrying out the above measures, tap **OK** on the touch screen.

▶▶ Note

- To cancel printing, touch the machine's **Stop** button.

1200

Cause

Operation panel is open.

What to Do

Close the operation panel and wait for a while.

Do not close it while you are replacing an ink tank.

1250

Cause

Paper output tray is closed.

What to Do

Open the paper output tray and resume printing.

1253

Cause

Paper output tray did not open.

What to Do

Make sure there are no materials which is preventing the paper output tray from moving and that the cassette 1 is inserted properly.

Open the paper output tray and tap **OK** on the touch screen.

1254

Cause

Paper output tray is closed or it has not opened.

What to Do

Make sure there are no materials which is preventing the paper output tray from moving and that the cassette 1 is inserted properly.

Open the paper output tray and tap **OK** on the touch screen.

Important

- Do not close the paper output tray while the machine is in operation.

1255

Cause

Paper output tray is closed or it has not opened.

What to Do

Make sure there are no materials which is preventing the paper output tray from moving and that the cassette 1 is inserted properly.

Open the paper output tray and tap **OK** on the touch screen.

»» Important

- Do not close the paper output tray while the machine is in operation.

1256

Cause

Paper output tray is closed or it has not opened.

What to Do

Make sure there are no materials which is preventing the paper output tray from moving and that the cassette 1 is inserted properly.

Open the paper output tray and tap **OK** on the touch screen.

»» Important

- Do not close the paper output tray while the machine is in operation.

1257

Cause

Paper output tray is closed or it has not opened.

What to Do

Make sure there are no materials which is preventing the paper output tray from moving and that the cassette 1 is inserted properly.

Open the paper output tray and tap **OK** on the touch screen.

▶▶ Important

- Do not close the paper output tray while the machine is in operation.

1310

Cause

Size of paper may not be compatible with automatic duplex printing.

What to Do

The sizes of media suitable for auto duplex printing are A4, Letter, A5, B5, and postcard. Make sure paper of the correct size is loaded. Tap **OK** on the touch screen to eject the paper and restart printing from the front of the next piece of paper. The reverse side of the ejected sheet is not printed.

1401

Cause

Print head may be damaged.

What to Do

Contact your nearest Canon service center to request a repair.

1403

Cause

Print head may be damaged.

What to Do

Contact your nearest Canon service center to request a repair.

1405

Cause

Print head may be damaged.

What to Do

Contact your nearest Canon service center to request a repair.

1410

Cause

Ink tank cannot be recognized.

What to Do

Open the operation panel and replace the ink tank whose lamp is off.

1411

Cause

Ink tank cannot be recognized.

What to Do

Open the operation panel and replace the ink tank whose lamp is off.

1412

Cause

Ink tank cannot be recognized.

What to Do

Open the operation panel and replace the ink tank whose lamp is off.

1413

Cause

Ink tank cannot be recognized.

What to Do

Open the operation panel and replace the ink tank whose lamp is off.

1414

Cause

Ink tank cannot be recognized.

What to Do

Open the operation panel and replace the ink tank whose lamp is off.

1415

Cause

Ink tank cannot be recognized.

What to Do

Open the operation panel and replace the ink tank whose lamp is off.

1551

Cause

Used genuine Canon ink tanks were detected.

What to Do

Tap **OK** on the touch screen of the machine.

1552

Cause

Genuine Canon ink tanks have been installed.

What to Do

Tap **OK** on the touch screen of the machine.

1600

Cause

If the lamp on the ink tank is flashing, ink may have run out.

What to Do

Replacing the ink tank is recommended.

If printing is in progress and you want to continue printing, tap **OK** on the machine with the ink tank installed. Then printing can continue. Replacing the ink tank is recommended after the printing. The machine may be damaged if printing is continued under the ink out condition.

▶▶ Note

- If multiple ink lamps are flashing, check the status of each ink tank.

1660

Cause

A ink tank is not installed.

What to Do

Install the ink tank.

1680

Cause

Ink tanks are not installed in the correct positions. (The ink lamp flashes.)

What to Do

Make sure the ink tanks are installed in the appropriate positions.

1681

Cause

More than one ink tank of the same color is installed. (The ink lamp flashes.)

What to Do

Make sure the ink tanks are installed in the appropriate positions.

1684

Cause

The ink tank cannot be recognized.

What to Do

Printing cannot be executed because the ink tank may not be installed properly or may not be compatible with this machine.

Install the appropriate ink tank.

If you want to cancel printing, touch the machine's **Stop** button.

1688

Cause

The ink has run out. (The lamp on the ink tank flashes.)

What to Do

Replace the ink tank and close the operation panel.

Printing under the current condition may damage the machine.

If you want to continue printing in this condition, you need to disable the function for detecting the remaining ink level. Touch the machine's **Stop** button for at least 5 seconds, and then release it.

With this operation, disabling the function for detecting the remaining ink level is memorized. Please be advised that Canon shall not be liable for any malfunction or trouble which may be caused by continuation of printing under the ink out condition.

▶▶ Note

- If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

1689

Cause

Printer detected ink out condition (The lamp on the ink tank flashes).

What to Do

Replace the ink tank and close the operation panel.

An ink tank that was once empty is installed.

Printing under the ink out condition may damage the machine.

If you want to continue printing, you need to disable the function for detecting the remaining ink level. To disable this function, touch the machine's **Stop** button for at least 5 seconds, and then release it.

With this operation, disabling the function for detecting the remaining ink level is memorized. Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition or by using refilled ink tanks.

▶▶ Note

- If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

1700

Cause

Ink absorber is almost full.

What to Do

Tap **OK** on the touch screen to continue printing. Contact your nearest Canon service center to request a repair.

1701

Cause

Ink absorber is almost full.

What to Do

Tap **OK** on the touch screen to continue printing. Contact your nearest Canon service center to request a repair.

1710

Cause

Ink absorber is almost full.

What to Do

Tap **OK** on the touch screen to continue printing. Contact your nearest Canon service center to request a repair.

1711

Cause

Ink absorber is almost full.

What to Do

Tap **OK** on the touch screen to continue printing. Contact your nearest Canon service center to request a repair.

1730

Cause

The ink tank may be an ink tank that ran out of genuine Canon ink or a counterfeit Canon ink tank.

What to Do

To print, you must replace the ink tank or disable the function for detecting the remaining ink level. To disable the function for detecting the remaining ink level, touch the printer's **Stop** button for at least 5 seconds, and then release it.

By this operation, the fact that you have disabled the function for detecting the remaining ink level will be memorized. Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition or by using refilled ink tanks.

▶▶ Note

- If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

To report the counterfeit ink tank, access Canon website from the following link.

■ Report Counterfeit

1731

Cause

Non-genuine Canon ink tank has been detected.

What to Do

To print, you must replace the ink tank or disable the function for detecting the remaining ink level. To disable the function for detecting the remaining ink level, touch the printer's **Stop** button for at least 5 seconds, and then release it.

By this operation, the fact that you have disabled the function for detecting the remaining ink level will be memorized. Please be advised that Canon shall not be liable for any malfunction or trouble caused by using a non-genuine Canon ink tank.

▶▶ Note

- If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

To report the counterfeit ink tank, access Canon website from the following link.

■ Report Counterfeit

1750

Cause

Appropriate ink tank is not installed.

What to Do

Printing cannot be executed because the ink tank is not compatible with this machine.

Install the appropriate ink tank.

If you want to cancel printing, touch the machine's **Stop** button.

1830

Cause

A certain period of time has elapsed while disc label printing is in progress.

What to Do

If a certain period of time has elapsed while disc label printing is in progress, the machine stops initializing.

To resume initializing, tap **OK** on the touch screen.

Try the operation again following the instructions on the touch screen.

1850

Cause

Disc tray guide is closed.

What to Do

Open the disc tray guide with the operation panel closed, attach the disc tray properly, and then tap **OK** on the touch screen.

1851

Cause

Disc tray guide is open.

What to Do

When printing other than disc label printing is started, close the disc tray guide.

Close the disc tray guide and tap **OK** on the touch screen.

1855

Cause

Disc tray guide has been closed.

What to Do

Open the disc tray guide with the operation panel closed and tap **OK** on the touch screen.

Do not open or close the disc tray guide while printing is in progress. Doing so may damage the machine.

1856

Cause

Disc tray guide has been opened.

What to Do

While printing other than disc label printing, close the disc tray guide.

Close the disc tray guide and tap **OK** on the touch screen.

Do not open or close the disc tray guide while printing is in progress. Doing so may damage the machine.

1857

Cause

Disc tray guide is open when starting disc label printing.

What to Do

When starting disc label printing, close the disc tray guide for the machine to prepare to print.

Close the disc tray guide with the operation panel closed and tap **OK** on the touch screen.

1872

Cause

Cassette 1 is not inserted.

What to Do

Insert the cassette 1.

▶▶ Note

- Once the cassette 1 is installed, the screen for setting cassette paper information appears. Set the paper information for the paper in the cassette 1.
- To cancel printing, touch the machine's **Stop** button.

1873

Cause

Cassette 2 is not inserted.

What to Do

Insert the cassette 2.

▶▶ Note

- Once the cassette 2 is installed, the screen for setting cassette paper information appears. Set the paper information for the paper in the cassette 2.
- To cancel printing, touch the machine's **Stop** button.

1890

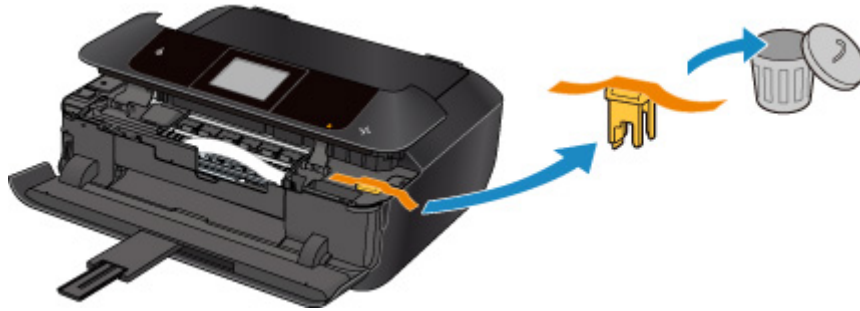
Cause

Protective material or tape may still be attached to print head holder.

What to Do

Open the operation panel and make sure the protective material and tape have been removed from the print head holder.

If the protective material or tape is still there, remove it and close the operation panel.



If this does not solve the problem, contact your nearest Canon service center to request a repair.

2111

Cause

Paper settings for printing or copying differ from cassette paper information set on machine.

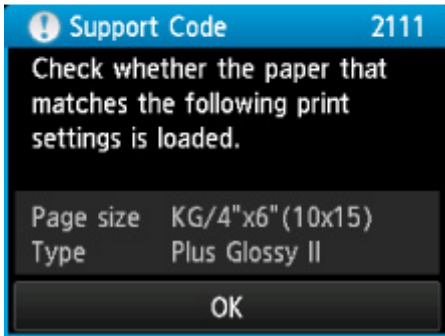
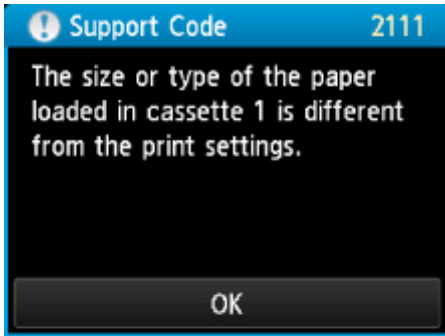
▶▶▶ Note

- See below for the correct correspondence between paper settings made on the printer driver or on the touch screen.
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\) \(Windows\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\) \(Mac OS\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\) \(Windows\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\) \(Mac OS\)](#)
- For copying, make the copy paper settings to match the cassette paper information set on the machine.
- See below for more on the cassette paper information that is set on the machine.
 - [Paper Settings](#)

If the print or copy paper settings do not match the cassette paper information set on the printer, as shown below, a message appears on the touch screen.

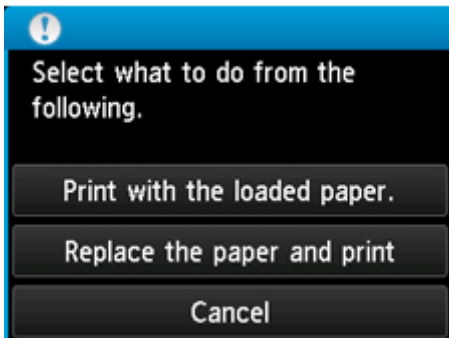
- Print settings specified on the printer driver:
 - Paper size: 4" x 6" (10 x 15 cm)
 - Media type: Photo Paper Plus Glossy II
- Cassette paper information set on the machine:
 - Paper size: 5" x 7" (13 x 18 cm)
 - Media type: Plus Glossy II

After tapping **OK** on the touch screen, the print or copy paper settings appear below the message.



What to Do

Tapping **OK** on the touch screen again, the screen below appears.



Select the appropriate action.

►►► Note

- All of the options below may not appear, depending on the setting.

Print with the loaded paper.

Select this option to print or copy on the paper in the cassette 1, without changing the paper settings.

For example, if the paper setting is 4" x 6" (10 x 15 cm), and 5" x 7" (13 x 18 cm) is set in the cassette paper information, the 4" x 6" (10 x 15 cm) size setting is used to print or copy on the 5" x 7" (13 x 18 cm) paper in the cassette 1.

Replace the paper and print

Select this option to print after changing the paper in the cassette 1.

For example, if the paper setting is 4" x 6" (10 x 15 cm), and 5" x 7" (13 x 18 cm) is set in the cassette paper information, change the paper in the cassette 1 to 4" x 6" (10 x 15 cm) sized paper and proceed with printing or copying.

Once you have changed the paper, the screen for setting the cassette paper information appears. Set the paper information for the paper in the cassette 1.

▶▶▶ Note

- If you do not know what paper information to register to the machine, touch the **Back** button when the screen to select the operation is displayed. When the previous screen is displayed, check the paper size and the media type and register them to the machine.
- See below for the correct correspondence between paper settings made on the printer driver or on the touch screen.

■ Paper Settings on the Printer Driver and the Printer (Media Type) (Windows)

■ [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#) (Mac OS)

■ Paper Settings on the Printer Driver and the Printer (Paper Size) (Windows)

■ [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#) (Mac OS)

Cancel

Cancels printing.

Select this option to change the print or copy paper settings. Change the paper settings and retry the printing.

▶▶▶ Note

- To suppress the misprint prevention message, change the setting as described below. When you suppress the message, the machine uses the paper settings to print or copy on the paper in the cassette 1, even if the paper does not match the settings.
 - To change the message view setting when printing or copying using the operation panel of the machine:
 - [Cassette settings](#)
 - To change the message view setting when printing or copying using the printer driver:
 - Changing the Printer Operation Mode (Windows)
 - [Changing the Printer Operation Mode](#) (Mac OS)

2112

Cause

Paper settings for printing or copying differ from cassette paper information set on machine.

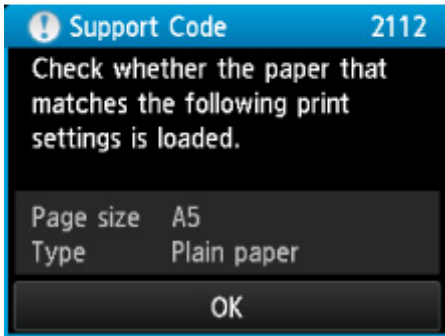
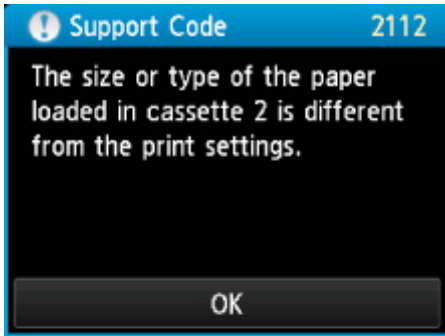
▶▶▶ Note

- See below for the correct correspondence between paper settings made on the printer driver or on the touch screen.
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\) \(Windows\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\) \(Mac OS\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\) \(Windows\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\) \(Mac OS\)](#)
- For copying, make the copy paper settings to match the cassette paper information set on the machine.
- See below for more on the cassette paper information that is set on the machine.
 - [Paper Settings](#)

If the print or copy paper settings do not match the cassette paper information set on the printer, as shown below, a message appears on the touch screen.

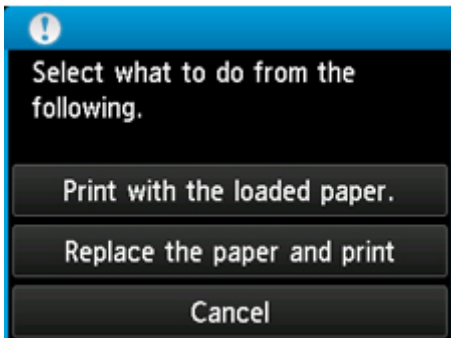
- Print settings specified on the printer driver:
 - Paper size: A5
 - Media type: Plain paper
- Cassette paper information set on the machine:
 - Paper size: A4
 - Media type: Plain paper

After tapping **OK** on the touch screen, the print or copy paper settings appear below the message.



What to Do

Tapping **OK** on the touch screen again, the screen below appears.



Select the appropriate action.

➤➤➤ Note

- All of the options below may not appear, depending on the setting.

Print with the loaded paper.

Select this option to print or copy on the paper in the cassette 2, without changing the paper settings.

For example, if the paper setting is A5, and A4 is set in the cassette paper information, the A5 size setting is used to print or copy on the A4 paper in the cassette 2.

Replace the paper and print

Select this option to print after changing the paper in the cassette 2.

For example, if the paper setting is A5, and A4 is set in the cassette paper information, change the paper in the cassette 2 to A5 paper and proceed with printing or copying.

Once you have changed the paper, the screen for setting the cassette paper information appears. Set the paper information for the paper in the cassette 2.

▶▶▶ Note

- If you do not know what paper information to register to the machine, touch the **Back** button when the screen to select the operation is displayed. When the previous screen is displayed, check the paper size and the media type and register them to the machine.
- See below for the correct correspondence between paper settings made on the printer driver or on the touch screen.

■ [Paper Settings on the Printer Driver and the Printer \(Media Type\) \(Windows\)](#)

■ [Paper Settings on the Printer Driver and the Printer \(Media Type\) \(Mac OS\)](#)

■ [Paper Settings on the Printer Driver and the Printer \(Paper Size\) \(Windows\)](#)

■ [Paper Settings on the Printer Driver and the Printer \(Paper Size\) \(Mac OS\)](#)

Cancel

Cancels printing.

Select this option to change the print or copy paper settings. Change the paper settings and retry the printing.

▶▶▶ Note

- To suppress the misprint prevention message, change the setting as described below. When you suppress the message, the machine uses the paper settings to print or copy on the paper in the cassette 2, even if the paper does not match the settings.
 - To change the message view setting when printing or copying using the operation panel of the machine:
 - [Cassette settings](#)
 - To change the message view setting when printing or copying using the printer driver:
 - [Changing the Printer Operation Mode \(Windows\)](#)
 - [Changing the Printer Operation Mode \(Mac OS\)](#)

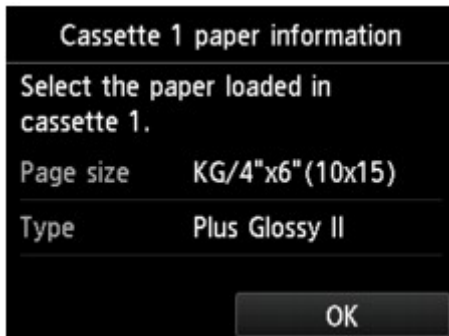
2121

Cause

Cassette 1 paper settings are incomplete.

What to Do

If screen below is shown, the cassette 1 paper settings are incomplete.



Tap **OK** on the touch screen of the machine to finish setting the cassette 1 paper settings.

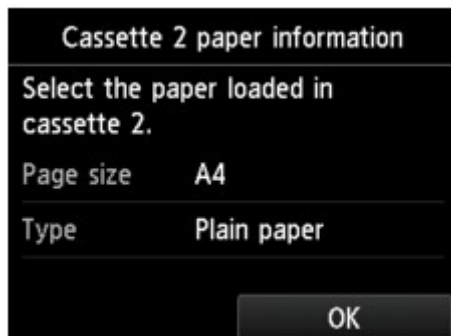
2122

Cause

Cassette 2 paper settings are incomplete.

What to Do

If screen below is shown, the cassette 2 paper settings are incomplete.



Tap **OK** on the touch screen of the machine to finish setting the cassette 2 paper settings.

2500

Cause

Cause of following may have occurred failure of automatic print head alignment.

- Print head nozzles are clogged.
- Paper of size other than A4 or Letter is loaded in the cassette 2.
- Paper output slot is exposed to strong light.

What to Do

Tap **OK** on the touch screen and take the corresponding actions below.

- Check the print head condition by printing the nozzle check pattern.
- Load one sheet of A4/Letter-sized plain paper and perform automatic print head alignment again.
- Adjust your operating environment and/or the position of the machine so that the paper output slot is not exposed directly to strong light.

After carrying out the above measures, if the problem continues after aligning the print head again, tap **OK** on the touch screen, and then perform manual print head alignment.

2700

Cause

An error occurred during copying and some time elapsed.

What to Do

Tap **OK** on the touch screen and retry copying.

3402

Cause

Machine could not make copies because its memory is full.

What to Do

Tap **OK** on the touch screen of the machine.

Wait a while and retry copying.

3403

Cause

Machine could not make copies because its memory is full.

What to Do

Tap **OK** on the touch screen of the machine.

Wait a while and retry copying.

3405

Cause

Machine could not make copies because its memory is full.

What to Do

Tap **OK** on the touch screen of the machine.

Wait a while and retry copying.

3407

Cause

Loading next sheet is required.

What to Do

Load the next sheet and tap **OK** on the touch screen of the machine.

3408

Cause

Preview screen is displayed on machine's touch screen.

What to Do

After seeing the preview, tap **OK** on the touch screen of the machine.

3410

Cause

Cannot reserve copying job because machine is scanning a sheet.

What to Do

Wait a while and reserve copying job.

3411

Cause

You can reserve copying job.

What to Do

If you reserve a copying job, load the original and touch the machine's **Color** button for color copying or the machine's **Black** button for black & white copying.

3412

Cause

Scanning original has failed.

What to Do

Tap **OK** on the touch screen of the machine, and then follow the actions below.

- Make sure that the original is placed on the platen glass.
- Make sure that the original is set in the correct position and orientation.

After carrying out the above actions, retry scanning or copying.

If the error is still not resolved, specify the size of the original.

»» Important

- The original that is smaller than 1.2 inches (3 cm) square may not be scanned correctly.

3413

Cause

Prevent paper abrasion has been set.

What to Do

If you continue printing in the current setting, tap **Yes**.

Prevent paper abrasion may reduce the print speed.

If you disable this setting, tap **No**. Touch the **HOME** button, select **Setup, Device settings, and Print settings**, and then set **Prevent paper abrasion** to **OFF**.

4100

Cause

Specified data cannot be printed.

What to Do

If you are printing CREATIVE PARK PREMIUM contents, check the message shown your computer, make sure genuine Canon ink tanks are installed properly for all colors, and retry the printing.

4101

Cause

Machine does not support paper size you specified.

What to Do

Touch the **Stop** button, specify the proper paper size, and then print again.

If you print on the non-standard size paper, you can specify a custom size within the following range to print.

- Loading in the cassette 1:
 - Width: 89.0 mm to 200.0 mm (3.50 inches to 7.87 inches)
 - Height: 127.0 mm to 184.9 mm (5.00 inches to 7.28 inches)
- Loading in the cassette 2:
 - Width: 90.0 mm to 215.9 mm (3.54 inches to 8.50 inches)
 - Height: 185.0 mm to 355.6 mm (7.29 inches to 14.00 inches)

4103

Cause

Cannot perform printing with current print settings.

What to Do

Touch the machine's **Stop** button to cancel printing.

Then change the print settings and retry printing.

5011

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

5012

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

5100

Cause

Printer error has occurred.

What to Do

Cancel printing and turn off the machine.

Check the following:

- Make sure print head holder motion is not impeded by stabilizer, jammed paper, etc.

Remove any impediment.

- Make sure the ink tanks are properly installed.

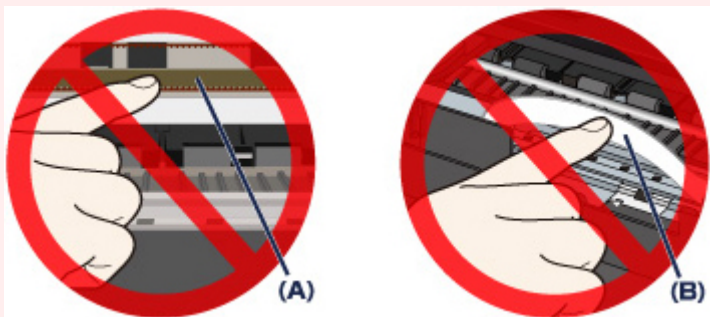
Press ink tanks until they click into place.

Turn the machine back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

▶▶ Important

- When clearing an impediment to print head holder motion, be careful not to touch clear film (A) or white belt (B).



If you soil or scratch these parts by touching them with paper or your hand, it could damage the machine.

5101

Cause

Printer error has occurred.

What to Do

Remove the protective material that is preventing the print head holder from moving, turn the machine off, and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

5200

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

5400

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

5B00

Cause

Printer error has occurred.

What to Do

Contact your nearest Canon service center to request a repair.

5B01

Cause

Printer error has occurred.

What to Do

Contact your nearest Canon service center to request a repair.

5B10

Cause

Printer error has occurred.

What to Do

Contact your nearest Canon service center to request a repair.

5B11

Cause

Printer error has occurred.

What to Do

Contact your nearest Canon service center to request a repair.

5C00

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

5C20

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6000

Cause

Printer error has occurred.

What to Do

If the paper is jammed, remove it depending on the jammed location and cause.

■ [List of Support Code for Error \(Paper Jams\)](#)

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6001

Cause

Printer error has occurred.

What to Do

If the paper output tray is closed, open it.

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

»» Important

- Do not close the paper output tray while the machine is in operation; otherwise, an error will occur.

6003

Cause

Printer error has occurred.

What to Do

If the paper output tray is closed, open it.

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

»» Important

- Do not close the paper output tray while the machine is in operation; otherwise, an error will occur.

6500

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6502

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6800

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6801

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6900

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6901

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6902

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6910

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6911

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6920

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6921

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6930

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6931

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6932

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6933

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6934

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6935

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6936

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6937

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6938

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6940

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6941

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6942

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6943

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6944

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6945

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6946

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6950

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

6B20

Cause

Printer error has occurred.

What to Do

Turn off machine and unplug it.

Plug in the machine again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

B202

Cause

An error requiring a repair has occurred.

What to Do

Turn off machine and unplug it.

Contact your nearest Canon service center to request a repair.

B203

Cause

An error requiring a repair has occurred.

What to Do

Turn off machine and unplug it.

Contact your nearest Canon service center to request a repair.

B204

Cause

An error requiring a repair has occurred.

What to Do

Turn off machine and unplug it.

Contact your nearest Canon service center to request a repair.

B205

Cause

An error requiring a repair has occurred.

What to Do

Turn off machine and unplug it.

Contact your nearest Canon service center to request a repair.

C000

Cause

Printer error has occurred.

What to Do

Cancel printing and turn off the machine.

Check the following:

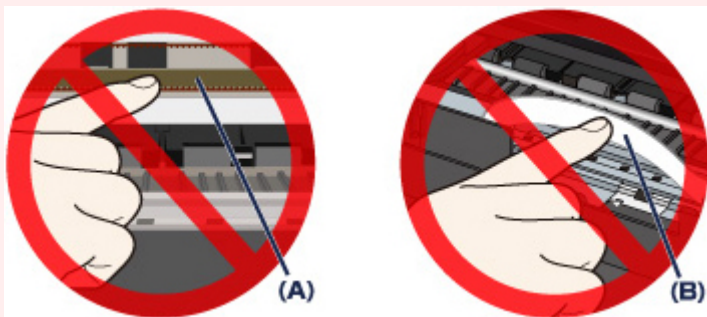
- Make sure print head holder motion is not impeded by stabilizer, jammed paper, etc.
Remove any impediment.
- Make sure the ink tanks are properly installed.
Press ink tanks until they click into place.

Turn the machine back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

▶▶ Important

- When clearing an impediment to print head holder motion, be careful not to touch clear film (A) or white belt (B).



If you soil or scratch these parts by touching them with paper or your hand, it could damage the machine.