

The Samsung logo, consisting of the word "SAMSUNG" in white, bold, uppercase letters inside a black, horizontally-oriented oval.

**GT-I8190**

# Quick Start Guide

You can access the full user manual for more information. To learn to access the user manual, see "Viewing the user manual" in this quick start guide.

[www.samsung.com](http://www.samsung.com)



**SAR**

[www.sar-tick.com](http://www.sar-tick.com)

This product meets applicable national SAR limits of 2.0 W/kg. The specific maximum SAR values can be found in the SAR information section of this guide.

When carrying the product or using it while worn on your body, maintain a distance of 1.5 cm from the body to ensure compliance with RF exposure requirements.

This device provides high quality mobile communication and entertainment using Samsung's high standards and technological expertise.

- Content may differ from the final product, or from software provided by service providers or carriers, and is subject to change without prior notice.
- The items supplied with the device and any available accessories may vary depending on the region or service provider.

- The supplied items are designed only for this device and may not be compatible with other devices.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Other accessories may not be compatible with your device.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customise the operating system may cause your device or applications to work improperly.

## Instructional icons



**Warning:** situations that could cause injury to yourself or others



**Caution:** situations that could cause damage to your device or other equipment



**Note:** notes, usage tips, or additional information

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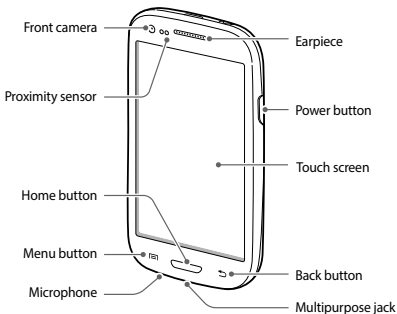
- SAMSUNG and the SAMSUNG logo are registered trademarks of Samsung Electronics.
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- Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide.
- Wi-Fi®, Wi-Fi Protected Setup™, Wi-Fi Direct™, Wi-Fi CERTIFIED™, and the Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.

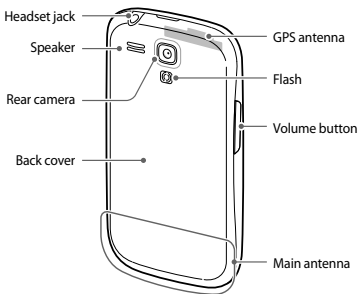
Your device uses a non-harmonised frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors.

- All other trademarks and copyrights are the property of their respective owners.

# Getting started






## Device layout





Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

## Buttons

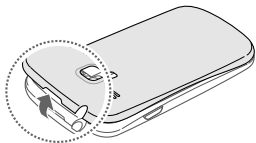
Button	Function
 Power	<ul style="list-style-type: none"><li>• Press and hold to turn the device on or off.</li><li>• Press and hold for 8-10 seconds to reset the device if it has fatal errors or hang-ups, or freezes.</li><li>• Press to lock or unlock the device. The device goes into lock mode when the touch screen turns off.</li></ul>
 Menu	<ul style="list-style-type: none"><li>• Tap to open a list of options available for the current screen.</li><li>• Tap and hold on the Home screen to launch Google search.</li></ul>
 Home	<ul style="list-style-type: none"><li>• Press to return to the Home screen.</li><li>• Press and hold to open the list of recent applications.</li></ul>
 Back	<ul style="list-style-type: none"><li>• Tap to return to the previous screen.</li></ul>
 Volume	<ul style="list-style-type: none"><li>• Press to adjust the device volume.</li></ul>



## Installing the SIM or USIM card and battery

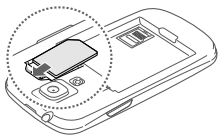
Insert the SIM or USIM card provided by the mobile telephone service provider, and the included battery.

- 1 Remove the back cover.

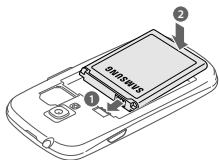


Be careful not to damage your fingernails when you remove the back cover.

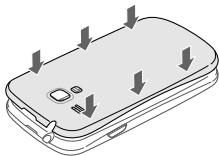
- 2 Insert the SIM or USIM card with the gold-coloured contacts facing downwards.



### 3 Insert the battery.



### 4 Replace the back cover.



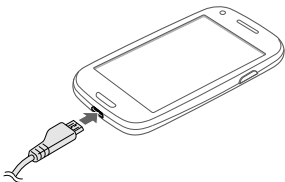
## Charging the battery

Before using the device for the first time or when the battery has been unused for extended periods, you must charge the battery.



Use only Samsung-approved chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

Plug the small end of the charger into the multipurpose jack of the device, and plug the large end of the charger into an electric socket.



Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket.



Do not remove the battery before removing the charger. This may damage the device.



To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The device should remain close to the electric socket while charging.

## Checking the battery charge status

When you charge the battery while the device is off, the following icons will show the current battery charge status:



Charging

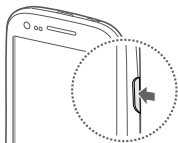


Fully charged

## Turning the device on and off

When turning on the device for the first time, follow the on-screen instructions to set up your device.

Press and hold the Power button for a few seconds to turn the device on and off.

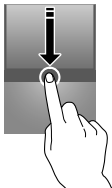


# Basics

## Notifications

Notification icons appear on the status bar to report missed calls, new messages, calendar events, device status, and more. Open the notifications panel, and then view your device's current status and use available options.

Drag down from the status bar to open the notifications panel. To close the notifications panel, drag up the bar that is on the bottom of the screen.




The available options may vary depending on the region or service provider.


## Making or answering a call

Use call functions, such as making and answering calls, using options available during a call, or customising and using call-related features.

### Making a call

Enter the number using the keypad, and then tap .

### Answering a call

When a call comes in, drag  outside the circle.

## Managing contacts

Manage contacts, including phone numbers, email addresses, and others. You can group contacts to make them easier to search for and send contacts to others or share them.

## Sending messages

Send text messages, or multimedia messages by attaching images or videos.



You may incur additional charges for sending or receiving messages while you are outside your home service area. For details, contact your service provider.

## Using applications

The Applications screen displays icons for all applications, including any new applications installed.

Open the Applications screen and select an application icon to open it. Tap ↵ to close applications.

## Connecting to the Internet

Connect to the Internet by using the Wi-Fi feature or cellular data network. Open the Internet application and browse webpages.



You may incur additional charges for accessing the Internet and downloading media files. For details, contact your service provider.




## Viewing the user manual

The user manual provides complete information about operating your device.



You may incur additional charges for accessing the Internet and downloading media files. For details, contact your service provider.

### From your device

- 1 Open the Internet application.
- 2 Tap  to open the bookmarks list.
- 3 Select the bookmark for the user manual.

To access the user manual more easily, place a shortcut or widget for the user manual on the Home screen.



The user manual may not be available depending on the web browser or service provider.

### From your computer

Access [www.samsung.com](http://www.samsung.com) and then search for the user manual by the model name of your device.

# Safety information

**This safety information contains content for mobile devices. Some content may be not applicable to your device. To prevent injury to yourself and others or damage to your device, read the safety information about your device before using the device.**

## **Warning: Prevent electric shock, fire, and explosion**

**Do not use damaged power cords or plugs, or loose electrical sockets**

**Do not touch the power cord with wet hands or disconnect the charger by pulling the cord**

**Do not bend or damage the power cord**

**Do not use your device while it is charging or touch your device with wet hands**

**Do not short-circuit the charger or the device**

**Do not drop or cause an impact to the charger or the device**

**Do not charge the battery with the charger that is not approved by the manufacturer**

**Do not use your device during a thunderstorm**

Your device may malfunction and your risk of electric shock is increased.

**Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery**

For safe disposal of your Li-Ion battery, contact your nearest authorised service centre.

**Handle and dispose of the device and charger with care**

- Use only Samsung-approved battery and charger specifically designed for your device. Incompatible battery and charger can cause serious injuries or damage to your device.
- Never dispose of the battery or device in a fire. Follow all local regulations when disposing of used battery or device.
- Never place the battery or device on or in heating devices, such as microwave ovens, stoves, or radiators. The device may explode when overheated.
- Never crush or puncture the device. Avoid exposing the device to high external pressure, which can lead to an internal short circuit and overheating.

**Protect the device, battery and charger from damage**

- Avoid exposing your device and battery to very cold or very hot temperatures.
- Extreme temperatures can damage the device and reduce the charging capacity and life of your device and battery.
- Prevent the battery from coming into contact with metal objects, as this can create a connection between the + and – terminals of your battery and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

## **Caution: Follow all safety warnings and regulations when using your device in restricted areas**

### **Do not use your device near other electronic devices**

Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

### **Do not use your device near a pacemaker**

- Avoid using your device within a 15 cm range of a pacemaker, if possible, as your device can interfere with the pacemaker.
- To minimise possible interference with a pacemaker, use your device only on the side of your body that is opposite the pacemaker.

### **Do not use your device in a hospital or near medical equipment that can be interfered with by radio frequency**

If you use medical equipment, contact the equipment manufacturer before using your device to determine whether or not the equipment will be affected by radio frequencies emitted by the device.

### **If you use a hearing aid, contact the manufacturer for information about radio interference**

The radio frequency emitted by your device may interfere with some hearing aids. Before using your device, contact the manufacturer to determine whether or not your hearing aid will be affected by radio frequencies emitted by the device.

### **Turn off the device in potentially explosive environments**

- Turn off your device in potentially explosive environments instead of removing the battery.

- Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refuelling points (petrol stations), near fuels or chemicals, or in blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

### **Turn off your device when on an aircraft**

Your device may interfere with the aircraft's electronic navigation instruments.

### **Your device may interfere with automotive equipment**

Electronic devices in your car may malfunction, due to radio interference from your device. Contact the manufacturer for more information.

## **Comply with all safety warnings and regulations regarding mobile device usage while operating a vehicle**

While driving, safely operating the vehicle is your first responsibility. Never use your mobile device while driving, if it is prohibited by law. For your safety and the safety of others, use your common sense and remember the following tips:

- Get to know your device and its convenience features, such as speed dial and redial. These features help you reduce the time needed to place or receive calls on your mobile device.
- Position your device within easy reach. Make sure you can access your wireless device without taking your eyes off the road. If you receive an incoming call at an inconvenient time, let your voicemail answer it for you.

- Suspend calls in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and heavy traffic can be hazardous.
- Do not take notes or look up phone numbers. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility of driving safely.
- Dial sensibly and assess the traffic. Place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary.
- Do not engage in stressful or emotional conversations that may be distracting. Make the person you are talking to aware that you are driving and suspend conversations that could potentially divert your attention from the road.
- Use your device to call for help. Dial a local emergency number in the case of fire, traffic accidents, or medical emergencies.
- Use your device to help others in emergencies. If you see a car accident, a crime in progress, or a serious emergency where lives are in danger, call a local emergency number.
- Call roadside assistance or a special, non-emergency assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle that you know to be stolen, call a number that is designated for reporting these types of situations.

## **Proper care and use of your mobile device**

### **Keep your device dry**

- Humidity and liquids may damage the parts or electronic circuits in your device.
- Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service centre.

- Liquids will change the colour of the label that indicates water damage inside the device. Water damage to your device can void your manufacturer's warranty.

### **Do not use or store your device in areas with high concentrations of dust or airborne materials**

Dust or foreign materials can cause your device to malfunction and may result in fire or electric shock.

### **Store your device only on flat surfaces**

If your device falls, it may be damaged.

### **Do not store your device in very hot or very cold areas. It is recommended to use your device at temperatures from 5 °C to 35 °C**

- Your device can explode if left inside a closed vehicle, as the internal temperature can reach up to 80 °C.
- Do not expose your device to direct sunlight for extended periods of time (on the dashboard of a car, for example).
- Store the battery at temperatures from 0 °C to 45 °C.

### **Do not store your device with metal objects, such as coins, keys, and necklaces**

- Your device may be scratched or may malfunction.
- If the battery terminals come into contact with metal objects, this may cause a fire.

### **Do not store your device near magnetic fields**

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.
- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.

- Do not use carrying cases or accessories with magnetic closures or allow your device to come into contact with magnetic fields for extended periods of time.

**Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers**

- The battery may leak.
- Your device may overheat and cause a fire.

**Do not drop your device or cause impacts to your device**

- The screen of your device may be damaged.
- If bent or deformed, your device may be damaged or parts may malfunction.

**Do not use your device or applications for a while if the device is overheated**

Prolonged exposure of your skin to an overheated device may cause low temperature burn symptoms, such as red spots and pigmentation.

**If your device has a camera flash or light, do not use it close to the eyes of people or pets**

Using a flash close to the eyes may cause temporary loss of vision or damage to the eyes.

**Use caution when exposed to flashing lights**

- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing Flash-based games for extended periods. If you feel any discomfort, stop using the device immediately.



**Reduce the risk of repetitive motion injuries**

When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop using the device and consult a physician.

**Ensure maximum battery and charger life**

- Avoid charging your device for more than a week, as overcharging may shorten battery life.
- Over time, unused device will discharge and must be recharged before use.
- Disconnect the charger from power sources when not in use.
- Use the battery only for their intended purposes.

**Use manufacturer-approved batteries, chargers, accessories, and supplies**

- Using generic battery or charger may shorten the life of your device or cause the device to malfunction.
- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.

**Do not bite or suck the device or the battery**

- Doing so may damage the device or cause an explosion.
- If children use the device, make sure that they use the device properly.

**Do not insert the device or supplied accessories into the eyes, ears, or mouth**

Doing so may cause suffocation or serious injuries.

### **When using the device:**

- Hold the device upright, as you would with a traditional phone.
- Speak directly into the microphone.
- Do not touch the device's internal antenna. Doing so may result in reduced call quality or cause the device to emit unintended levels of radio frequency (RF) energy.

### **Protect your hearing and ears when using a headset**



- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while driving may distract your attention and cause an accident.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.
- In dry environments, static electricity can build up in the headset. Avoid using headsets in dry environments or touch a metal object to discharge static electricity before connecting a headset to the device.

### **Use caution when using the device while walking or moving**

- Always be aware of your surroundings to avoid injury to yourself or others.
- Make sure the headset cable does not become entangled in your arms or on nearby objects.

**Do not carry your device in your back pockets or around your waist**

You could be injured or damage the device if you fall.

**Do not disassemble, modify, or repair your device**

- Any changes or modifications to your device can void your manufacturer's warranty. If your device needs servicing, take your device to a Samsung Service Centre.
- Do not disassemble or puncture the battery, as this can cause explosion or fire.

**Do not paint or put stickers on your device**

Paint and stickers can clog moving parts and prevent proper operation. If you are allergic to paint or metal parts of the device, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the device and consult your physician.

**When cleaning your device:**

- Wipe your device or charger with a towel or an eraser.
- Clean the battery terminals with a cotton ball or a towel.
- Do not use chemicals or detergents.

**Do not use the device if the screen is cracked or broken**

Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Centre to have it repaired.

**Do not use the device for anything other than its intended use****Avoid disturbing others when using the device in public****Do not allow children to use your device**

Your device is not a toy. Do not allow children to play with it as they could hurt themselves and others or damage the device.

### **Install mobile devices and equipment with caution**

- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Avoid placing your device and accessories near or in an airbag deployment area. Improperly installed wireless equipment can cause serious injury when airbags inflate rapidly.

### **Allow only qualified personnel to service your device**

Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

### **Handle SIM cards or memory cards with care**

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

### **Ensure access to emergency services**

Emergency calls from your device may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternative method of contacting emergency services personnel.

### **Keep your personal and important data safe**

- While using your device, be sure to back up important data. Samsung is not responsible for the loss of any data.
- When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information.

- Carefully read the permissions screen when downloading applications. Be particularly cautious with applications that have access to many functions or to a significant amount of your personal information.
- Check your accounts regularly for unapproved or suspicious use. If you find any sign of misuse of your personal information, contact your service provider to delete or change your account information.
- In the event your device is lost or stolen, change the passwords on your accounts to protect your personal information.
- Avoid using applications from unknown sources and lock your device with a pattern, password, or PIN.

### **Do not distribute copyright-protected material**

Do not distribute copyright-protected material without the permission of the content owners. Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of copyrighted material.

## **Specific Absorption Rate (SAR) certification information**

### **THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES**

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by an independent scientific organisation (ICNIRP) and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the ICNIRP guidelines for this device model are:

<b>Maximum SAR for this model and conditions under which it was recorded</b>	
<b>Head SAR</b>	0.522 W/kg
<b>Body-worn SAR</b>	0.584 W/kg

During use, the actual SAR values for this device are usually well below the values stated above. This is because, for purposes of system efficiency and to minimise interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

A body-worn SAR test has been performed on this device at a separation distance of 1.5 cm. To meet RF exposure guidelines during body-worn operation, the device must be positioned at least 1.5 cm away from the body.

Organisations such as the World Health Organisation and the US Food and Drug Administration have suggested that if people are concerned and want to reduce their exposure, they could use a hands-free accessory to keep the wireless device away from the head and body during use, or reduce the amount of time spent using the device. For more information, visit [www.samsung.com/sar](http://www.samsung.com/sar) and search for your device with the model number.

## Correct disposal of this product



(Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

This EEE is compliant with RoHS.

## Correct disposal of batteries in this product



(Applicable in countries with separate collection systems)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

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## Declaration of Conformity

### Product details

For the following

Product : GSM WCDMA BT/WIFI Mobile Phone

Model(s) : GT-I8190

# CE 0168

### Declaration & Applicable standards

We hereby declare, that the product above is in compliance with essential requirements of the R&TTE Directive (1999/5/EC) by application of:

SAFETY	EN 60950-1 : 2006 + A12 : 2011
SAR	EN 50360 : 2001 / AC 2006 EN 62479 : 2010 EN 62311 : 2008 EN 62209-1 : 2006 EN 62209-2 : 2010
EMC	EN 301 489-01 V1.9.2 (09-2011) EN 301 489-07 V1.3.1 (11-2005) EN 301 489-24 V1.5.1 (10-2010) EN 301 489-17 V2.1.1 (05-2009)
RADIO	EN 301 511 V9.0.2 (03-2003) EN 301 908-2 V5.2.1 (07-2011) EN 300 328 V1.7.1 (10-2006) EN 300 440-1 V1.6.1 (08-2010) EN 301 908-1 V5.2.1 (05-2011) EN 301 893 V1.6.1 (11-2011) EN 300 440-2 V1.4.1 (08-2010)

and the Directive (2011/65/EU) on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Forsyth House, Churchfield Road, Walton-on-Thames,  
Surrey, KT12 2TD, UK\*  
Identification mark: 0168

### Representative in the EU

Samsung Electronics Euro QA Lab.  
Blackbushe Business Park, Saxony Way,  
Yateley, Hampshire, GU46 6GG, UK\*  
2012.10.11



Joong-Hoon Choi / Lab Manager

(Place and date of issue)

(Name and signature of authorized person)

\* This is not the address of Samsung Service Centre. For the address or the phone number of Samsung Service Centre, see the warranty card or contact the retailer where you purchased your product.

Some content may differ from your device depending on the region or service provider.

### About the Samsung Kies Kies

Samsung Kies is a computer application that manages and syncs media libraries and contacts with Samsung devices.

Download the latest version of Samsung Kies from the Samsung website ([www.samsung.com/kies](http://www.samsung.com/kies)) and install it on your computer.

