Dell Advanced Projector S718QL
User's Guide

Notes, Cautions, and Warnings

NOTE: A NOTE indicates important information that helps you make better use of your projector

CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

Information in this document is subject to change without notice.
© 2017 Dell Inc. All rights reserved.

Reproduction of these materials in any manner whatsoever without the written permission of Dell Inc. is strictly forbidden.

Trademarks used in this text: Dell and the DELL logo are trademarks of Dell Inc.; DLP and DLP logo are trademarks of TEXAS INSTRUMENTS INCORPORATED; Microsoft and Windows are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own.

Model: Dell Advanced Projector S718QL

July 2017 Rev. A00

Contents

1 About Your Dell Projector 4

Projector Box Contents 4
Projector Top and Bottom View 5
Projector Connections 6
Remote Control 9

2 Adjusting Projector Image 12

Adjusting Projected Zoom 12
Projector Image Focus Adjustment 13
Adjusting Projector Position 14
Adjusting Image Corners 16
Adjusting Image Size 17

3 Using Your Projector 19

Using Network Display 19
Using PC-Free Presentation 32
Set-up Bluetooth Speaker 40
Using High Dynamic Range (HDR) 52

4 Troubleshooting 54

Troubleshooting Tips 54
Guiding Signals 57

5 Maintenance 58

Replacing the Remote Control Battery 58

6 Specifications 59

Compatibility Mode (Digital) 62

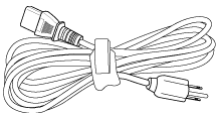
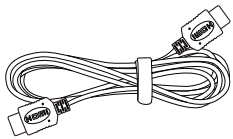
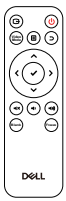
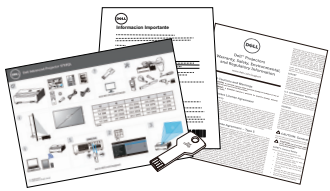
7 Additional Information 64

8 Contacting Dell 65

1 About Your Dell Projector

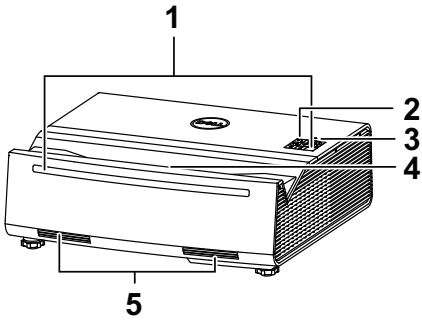
Your projector comes with all the items shown below. Ensure that you have all the items, and contact Dell if anything is missing.

Projector Box Contents

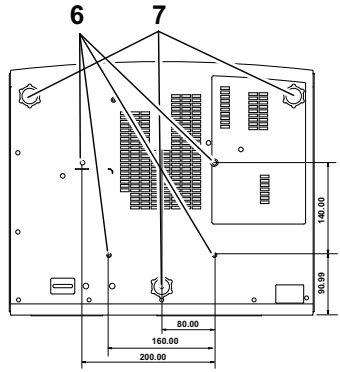
Package Contents	
Power cable	1.8 m HDMI cable (2.0 spec)
	
Remote control (CR2032 x 2pcs)	User's Guide and Documentation
	

Projector Top and Bottom View

Top View



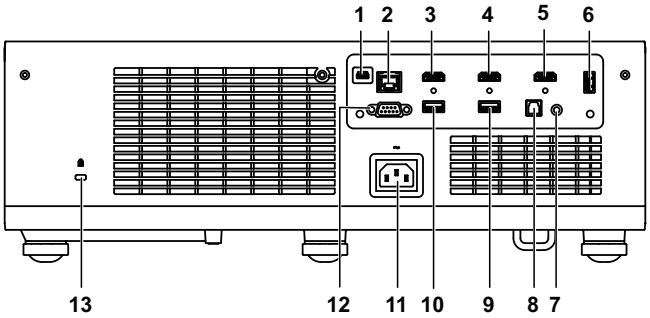
Bottom View



1	IR receivers
2	Status indicators
3	Power button
4	Lens
5	6W (x 2) speakers
6	Mounting holes for wall mount
7	Tilt adjustment wheel

NOTE: Wall mount screw hole M4 x 9 mm depth.

Projector Connections



1	Mini USB (mini type B) connector for firmware upgrade	8	SPDIF connector
2	RJ45 connector	9	USB Type A Power (5V/1.8A) connector
3	HDMI 1 (2.0) connector	10	USB Type A Power (5V/1.8A) connector
4	HDMI 2 (1.4) connector	11	Power cord connector
5	HDMI 3 (1.4) connector	12	RS232 connector
6	USB (Type A) 3.0 connector for USB media playback and optional wireless dongle	13	Kensington cable slot
7	Audio output connector		

CAUTION: Before you begin any of the procedures in this section, follow the Safety Instructions as described on page 7.

CAUTION: Safety Instructions

1 Do not use the projector near appliances that generate a lot of heat.

2 Do not use the projector in areas where there is an excessive amount of dust. The dust may cause the system to fail and the projector will automatically shutdown.

3 Ensure that the projector is mounted in a well-ventilated area.

4 Do not block the ventilation slots and openings on the projector.

5 Ensure the projector operates between ambient temperatures 5°C to 40°C (41°F to 104°F).

6 Do not try to touch the ventilation outlet as it can become very hot after the projector has been turned on or immediately after it is turned off.

7 Do not look into the lens while the projector is on as it may cause injury to your eyes.

8 Do not place any objects near or in front of the projector or cover its lens while the projector is on as the heat may cause the object to melt or burn.

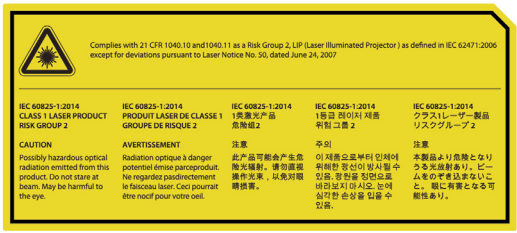
9 Do not use alcohol to wipe the lens.

NOTE:

- Do not attempt to ceiling mount the projector by yourself. It should be installed by a qualified technician.
- Recommended Projector Wall Mount Kit. For more information, see the Dell Support website at **dell.com/support**.
- For more information, see the Safety Information that shipped with your projector.
- The S718QL projector can only be used indoors.

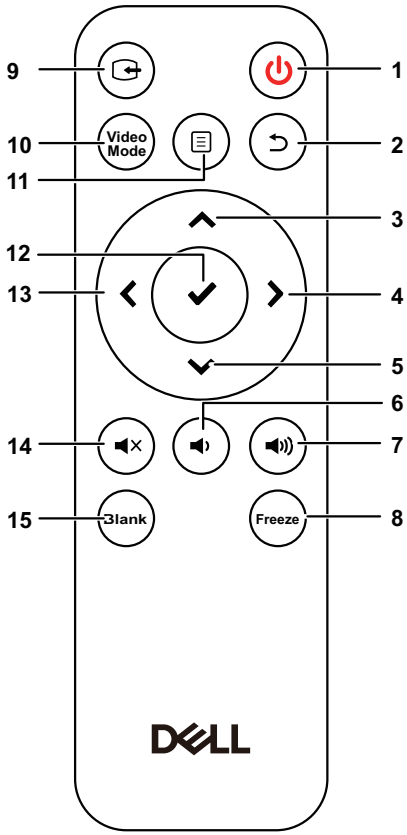
⚠ WARNING: Laser Safety Notice

This product is classified as CLASS 1 LASER PRODUCT - RISK GROUP 2 according to IEC 60825-1 : 2014 complies with FDA regulations 21 CFR 1040.10 and 1040.11 as a Risk Group 2 , LIP (Laser Illuminated Projector) as defined in IEC 62471:2006 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.



- Failure to comply with the following could result in death or serious injury.
- This projector has a built-in Class 4 laser module. Never attempt to disassemble or modify the projector.
- Any operation or adjustment not specifically instructed in the User manual creates the risk of hazardous laser radiation exposure.
- Do not open or disassemble the projector as this may cause damage or exposure to laser radiation.
- Do not stare into beam when the projector is on. The bright light may result in permanent eye damage.
- When turning on the projector, make sure no one within projection range is looking into the lens.
- Follow the control, adjustment, or operation procedures to avoid damage or injury from exposure of laser radiation.
- The instructions for the assembly, operation, and maintenance include clear warnings concerning precautions to avoid possible exposure to hazardous laser radiation.

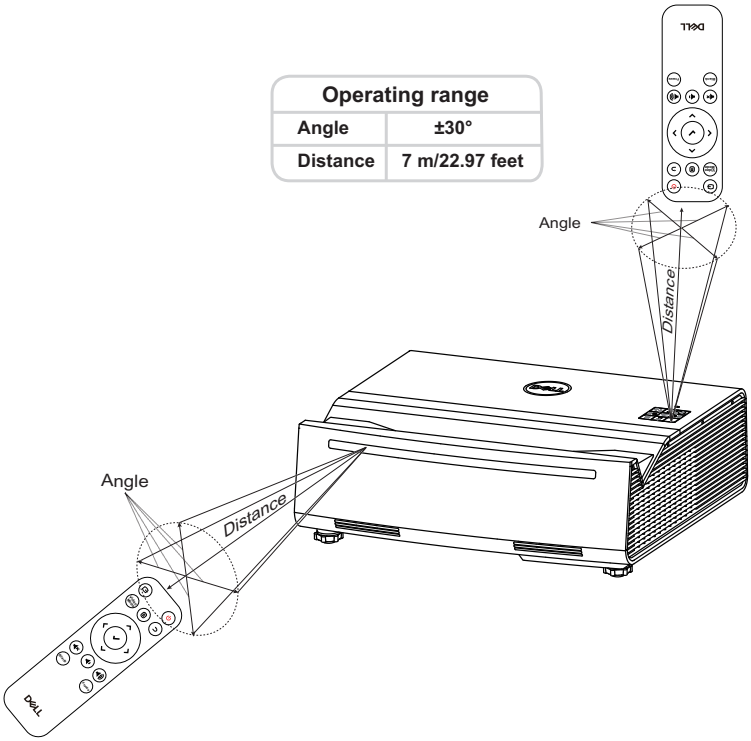
Remote Control



1	Power	Turns the projector on or off.
2	Back	Returns to the previous screen.
3	Up	Press to navigate through the On-Screen Display (OSD) Menu items.
4	Right	Press to navigate through the On-Screen Display (OSD) Menu items.
5	Down	Press to navigate through the On-Screen Display (OSD) Menu items.
6	Volume down	Press to decrease the volume.

7	Volume up	Press to increase the volume.
8	Freeze	Press to pause the screen image, then press "Freeze" again to resume normal projection.
9	Video in	Press to switch between sources: HDMI 1, HDMI 2, HDMI 3, Wireless/LAN Display, and USB Viewer.
10	Video mode	The projector has preset configurations that are optimized for displaying data (presentation slides) or video (movies, games, etc.). Press the **Video Mode** button to toggle between **Presentation mode**, **Bright mode**, **Movie mode**, **sRGB**, or **Custom mode**. Pressing the **Video Mode** button once will show the current display mode. Pressing the **Video Mode** button again will switch between modes.
11	Menu	Press to activate the OSD.
12	Enter	Press to confirm the selection.
13	Left	Press to navigate through the On-Screen Display (OSD) Menu items.
14	Mute	Press to mute or un-mute the projector speaker.
15	Blank	Press to toggle between white/blank/resume the image.

Remote Control Operating Range



NOTE: Actual operating range may slightly differ from the diagram. Weak batteries will also prevent the remote control from properly operating the projector.

2 Adjusting Projector Image

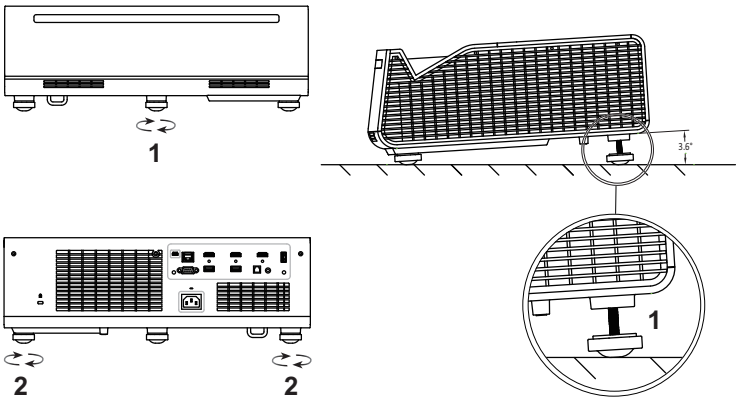
Adjusting Projected Zoom

Raising the Projector Height

1 Raise the projector to the desired display angle, and use the rear tilt adjustment wheel to fine-tune the display angle.

Lowering the Projector Height

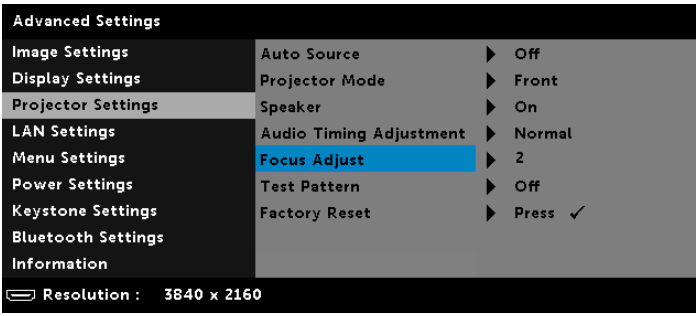
1 Lower the projector, and use the front tilt adjustment wheel to fine-tune the display angle.



1	Rear tilt adjustment wheel (Angle of tilt: 0 to 3.6 degrees)
2	Front tilt adjustment wheel

Projector Image Focus Adjustment

1 The Dell S718QL supports power focus.
Steps: Advanced Settings > Projector Settings > Focus Adjust



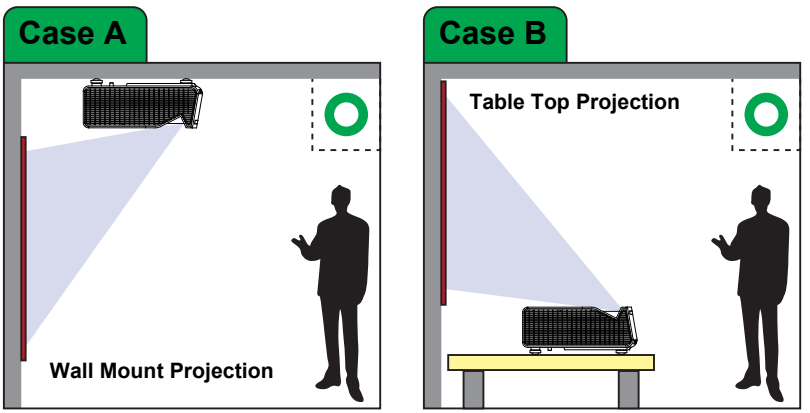
2 Adjust the focus until the image is clear. The projector focuses at distances ranging between 0.32 ft to 0.74 ft (10 cm to 22.5 cm).

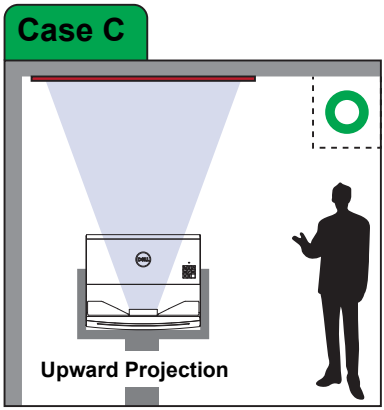
Adjusting Projector Position

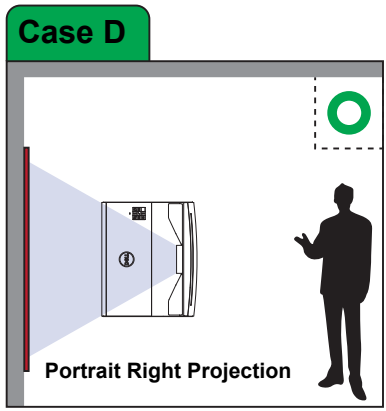
When you select a position for the projector, consider the size and shape of your screen, the location of your power outlets, and the distance between the projector and the rest of your equipment. Follow these general guidelines:

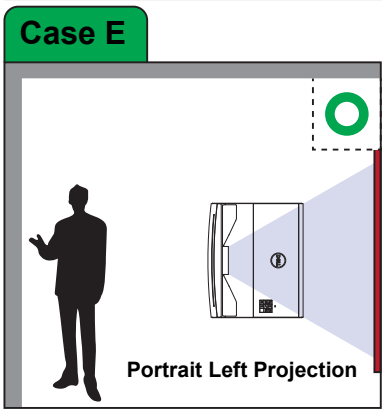
- When positioning the projector to the screen, it must be at least 3.9 inches (10 cm) from the projection screen.
- Position the projector to the required distance from the screen. The distance from the lens of the projector to the screen, the zoom setting, and the video format determine the size of the projected image.
- Lens throw ratio: 0.189

You can set up or install the S718QL in the following ways:



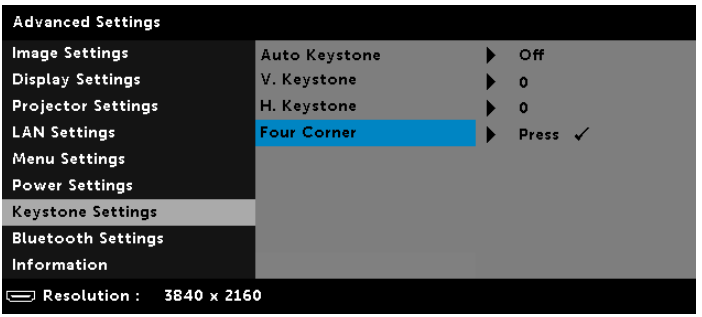

Case C
Upward Projection


Case D
Portrait Right Projection


Case E
Portrait Left Projection

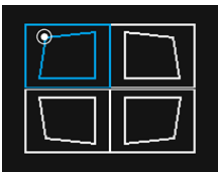
Adjusting Image Corners

Use 4 corner adjustment feature to get perfect, rectangular images.

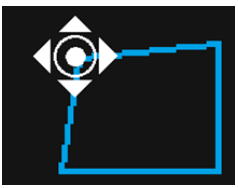


1 Advanced Settings > Keystone Settings > Four Corner

2 At four corner screen, use ^, v, < and > to select one corner and press ✓ to confirm.



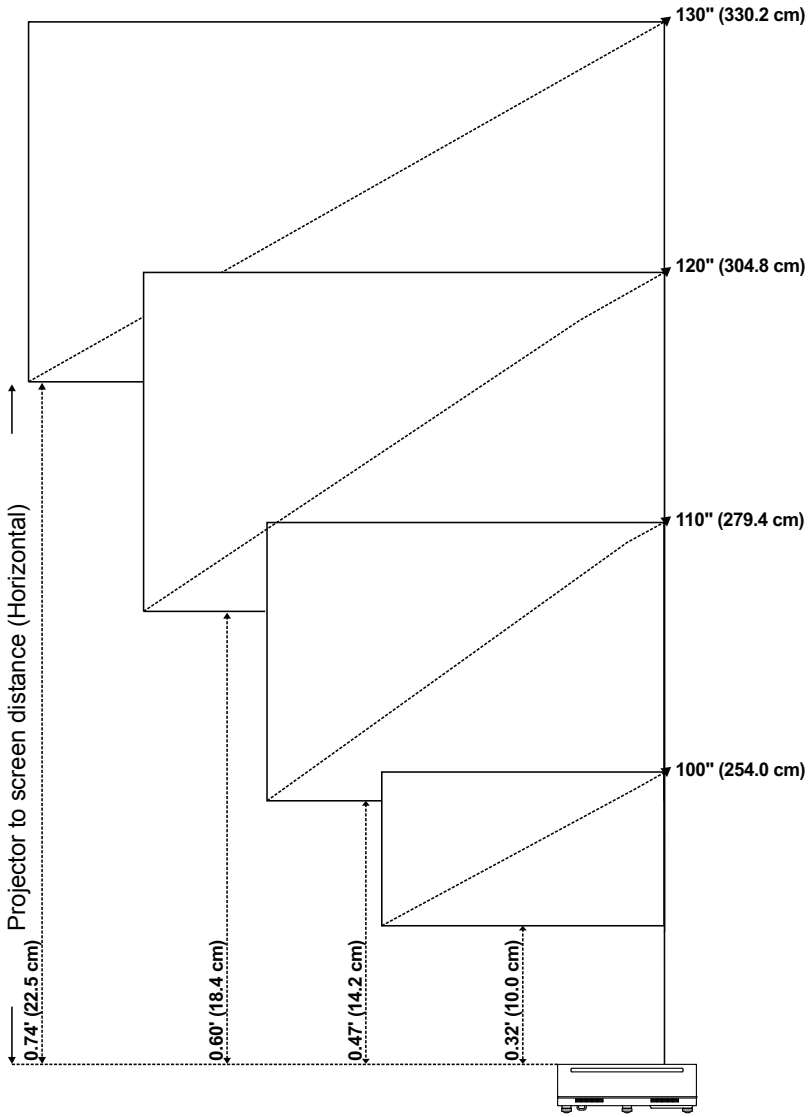
3 Use ^, v, < and > to adjust the image shape as necessary.



4 When you are finished, press "Menu" button to exit.

NOTE: The function is unavailable when H./V. Keystone is adjusted.

Adjusting Image Size

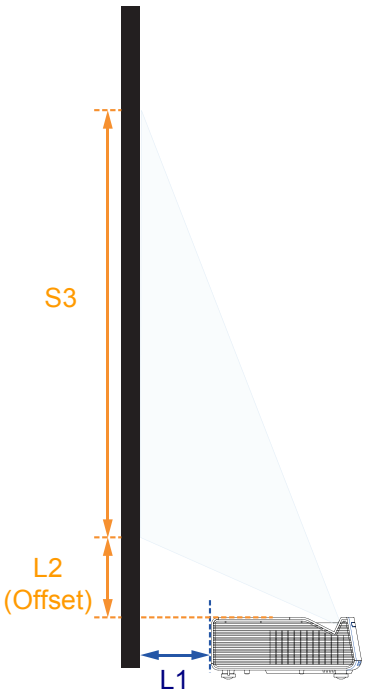


Adjusting Image Shape

Projection Distance (L1)		Image size						Distance from top of image to top of projector (L2)	
		Diagonal (S1)		Width (S2)		Height (S3)			
inch	cm	inch	cm	inch	cm	inch	cm	inch	cm
3.9	10.0	100	254.0	87.1	221.2	49.0	124.5	7.3	18.6
5.6	14.2	110	279.4	95.8	243.3	53.9	137.0	8.2	20.9
7.2	18.4	120	304.8	104.5	265.4	58.8	149.4	9.1	23.1
8.9	22.5	130	330.2	113.2	287.5	63.7	161.9	10.0	25.4

* This graph is for user reference only.

* Offset Ratio: 118%



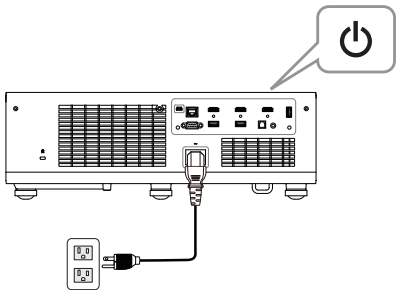
3 Using Your Projector

Using Network Display

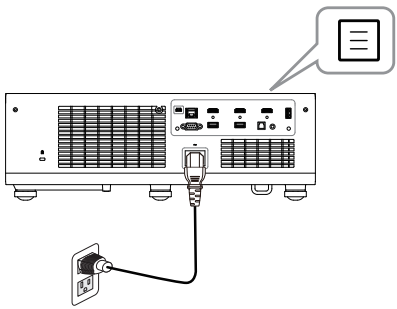
Configure Your Projector for Network Display

Connect Projector to the Network

1 Connect the power cable and turn on the projector by pressing the power button.

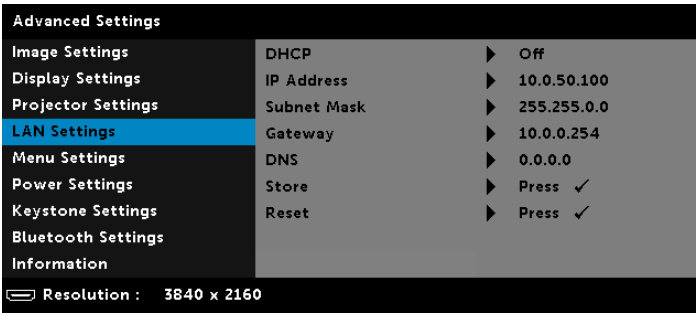


2 Press the **Menu** button on your projector control panel or remote control.

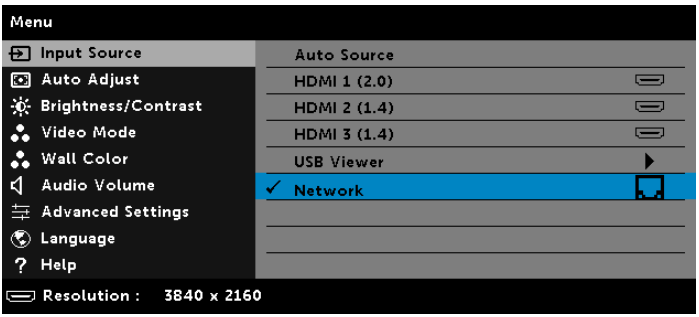


NOTE: Use ^, v, < and > buttons to navigate and ✓ to select.

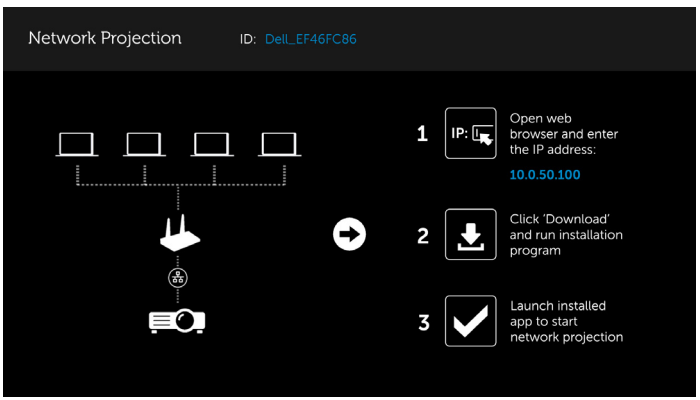
3 Ensure DHCP option is **Off** from LAN settings of Advanced Settings menu.



4 Access the **Input Source** menu, select **Network** source.



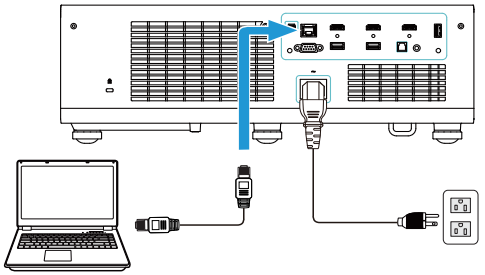
The **Network Guide Screen** shown below appears:



Connect Projector Directly to the Computer

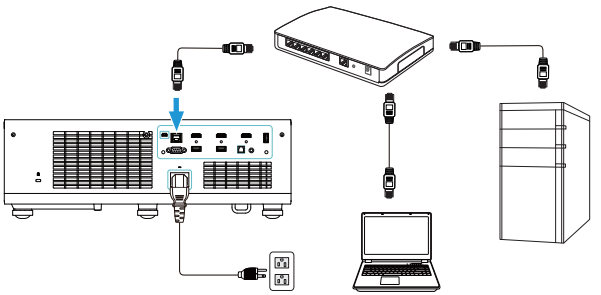
A. Cable Connections

5 Connect the LAN cable to the projector and the computer.

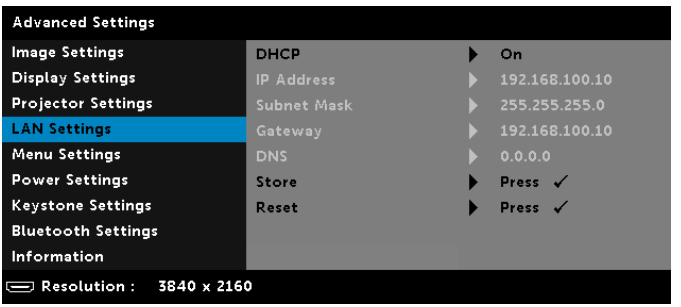


B. Switch Source

6 Connect the LAN cable to the projector and the computer via the switch source.



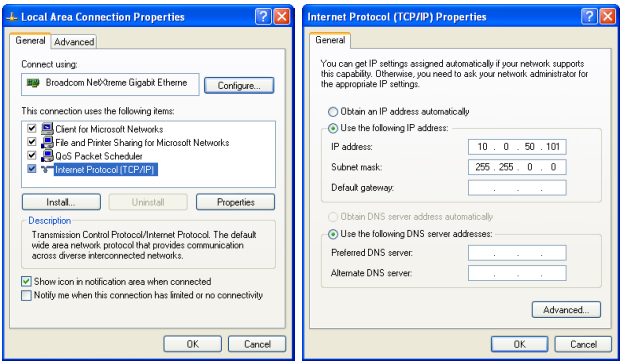
7 DHCP of LAN Settings switches to **On**.



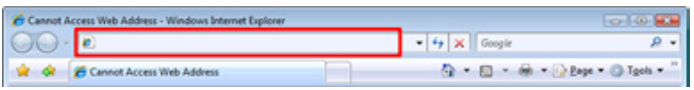
NOTE: If the DHCP setting is set to On, the IP sharing device will automatically assign a set of IP Address, Subnet Mask, and Gateway.

Install Dell Network Projection Software on the Windows

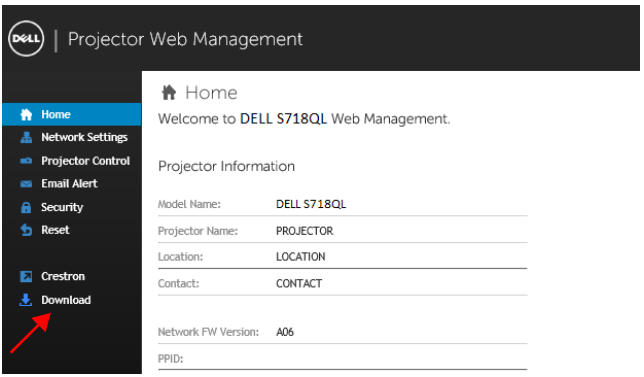
1 Open Local Area Connection Properties, and then enter the IP Address and Subnet Mask, click OK.
Steps: Start > Control Panel > Network and Internet > Network and Sharing Center > Change Adapter Setting > Local Area Connection



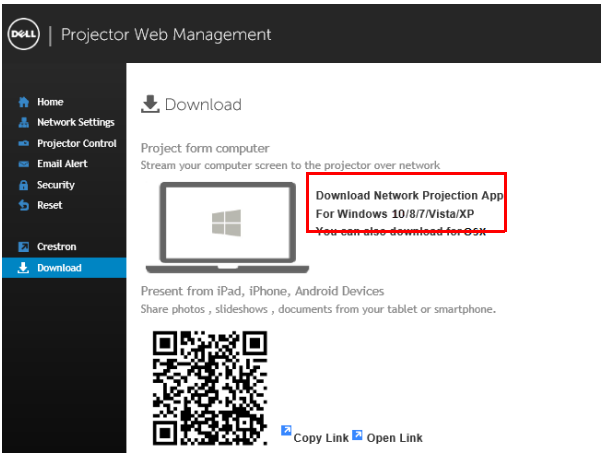
2 Open the Internet browser on your computer, and enter **10.0.50.100** (default) in the browser's address bar. You will be directed to the **Dell S718QL Web Management** page.



3 The S718QL Web Management page opens. For first-time use, click **Download**.



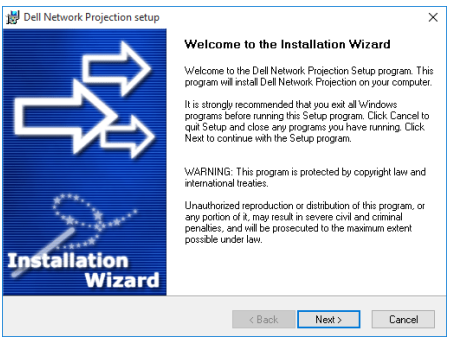
4 At the **Download** page, click **Download Network Projection App For Windows 10/8/7/Vista/XP** and install to your computer.



NOTE: If you are unable to install the application because of inadequate rights on the computer, please contact your network administrator.

5 Click **Run** to proceed with the one-time installation of the software.

6 The installation software will launch. Follow the on-screen instructions to complete setup.

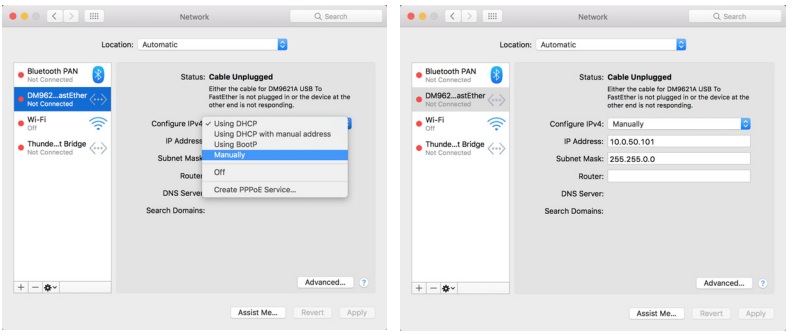


NOTE: Alternatively you can download the latest version of the Dell Network Projection application from dell.com/support

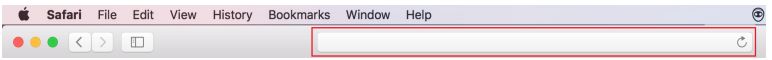
Install Dell Network Projection Software on the Mac

1 Open Local Area Connection Properties, and then enter the IP Address and Subnet Mask, click OK.

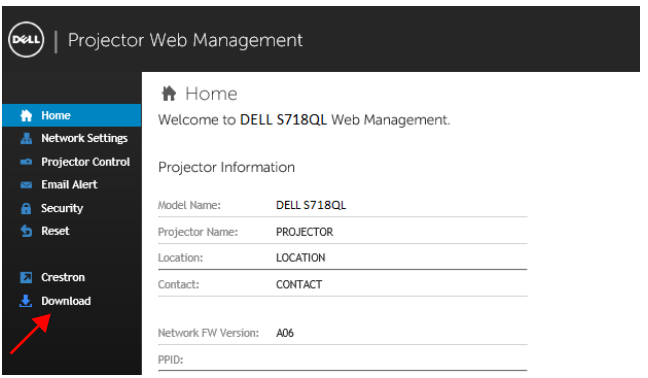
Steps: Go > Applications > System Preferences > Network



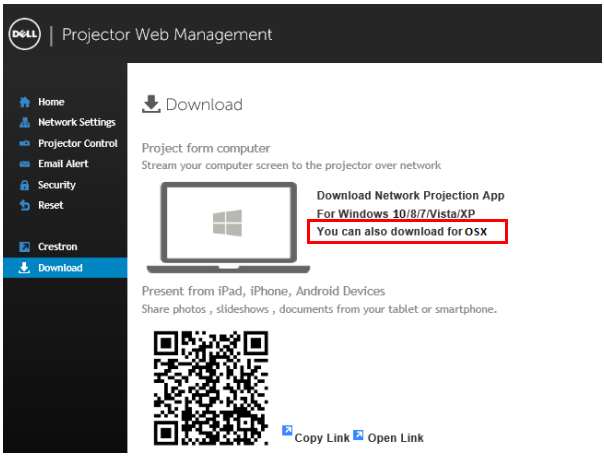
2 Open the Safari browser on your Mac computer, and enter **10.0.50.100** (default) in the browser's address bar. You will be directed to the **Dell S718QL Web Management** page.



3 The S718QL web management page opens. For first-time use, click **Download**.

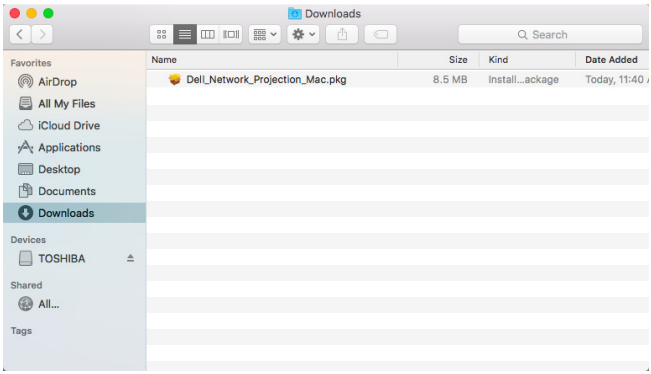


4 At the **Download** page, click **You can also download for OSX** and install to your computer.

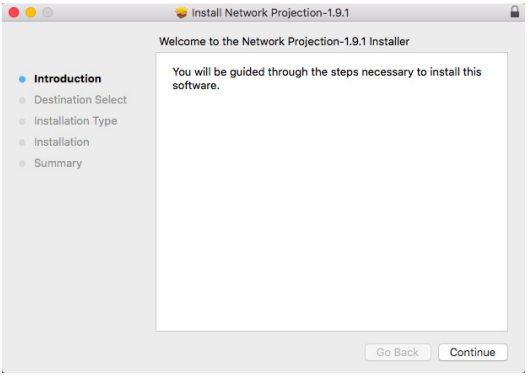


NOTE: If you are unable to install the application because of inadequate rights on the computer, please contact your network administrator.

5 Running **Dell_Network_Projection_Mac.pkg** from **Downloads** folder.



6 The installation software will launch. Follow the on-screen instructions to complete setup.

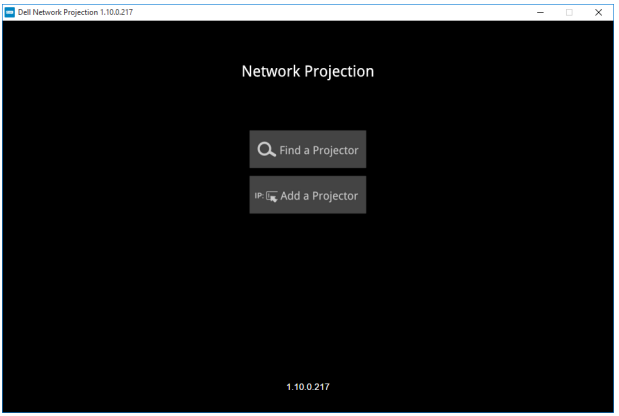


Using the Dell Network Projection App (Windows)

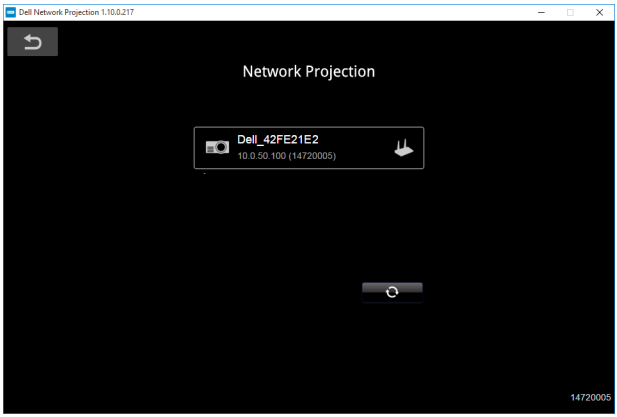
Once the installation is completed, you can double-click

icon on the desktop to start the application.

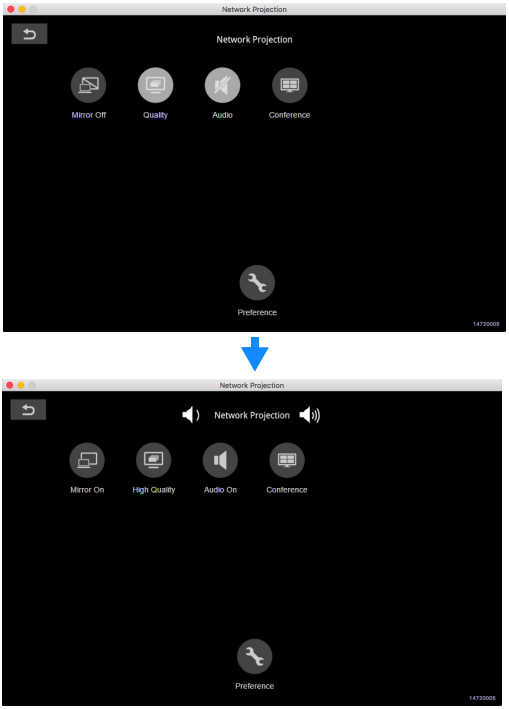
The **Dell Network Projection Screen** shown below appears:



1 At **Dell Network Projection** screen, click **Find a Projector**, and then select **Dell_42FE21E1 (random code)**. This is the name & code that will be projected, when your projector is set to the 'Network' source.

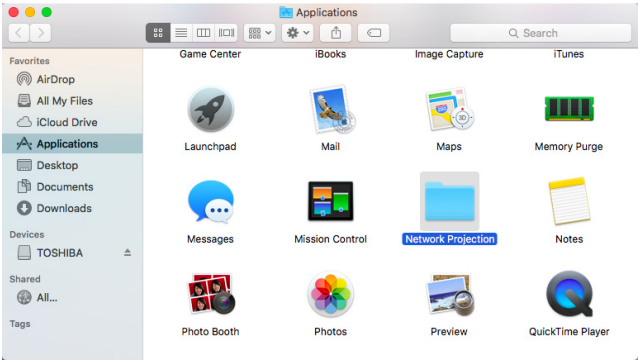


2 Click **Mirror Off** option to start presenting.

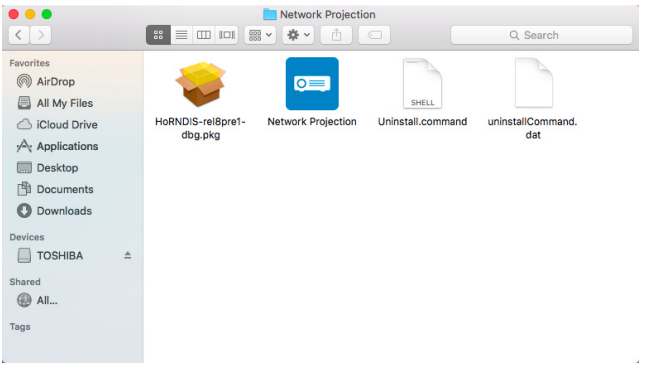


Using the Dell Network Projection App (Mac)

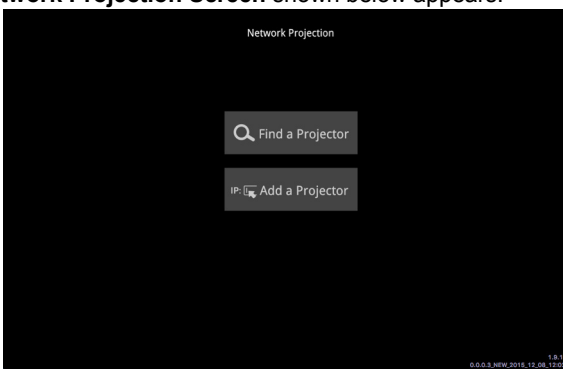
1 1.Go to **Applications** folder, and then open the **Network Projection** folder.



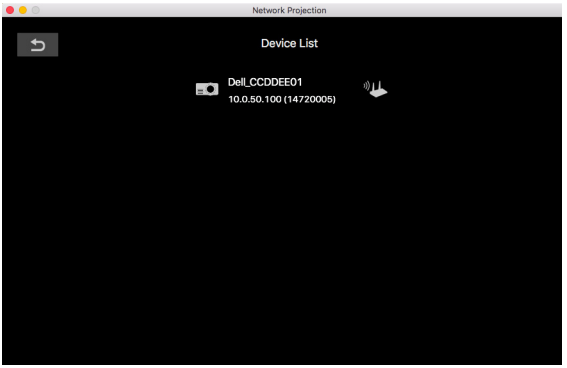
2 Running **Network Projection** application from Network Projection folder.



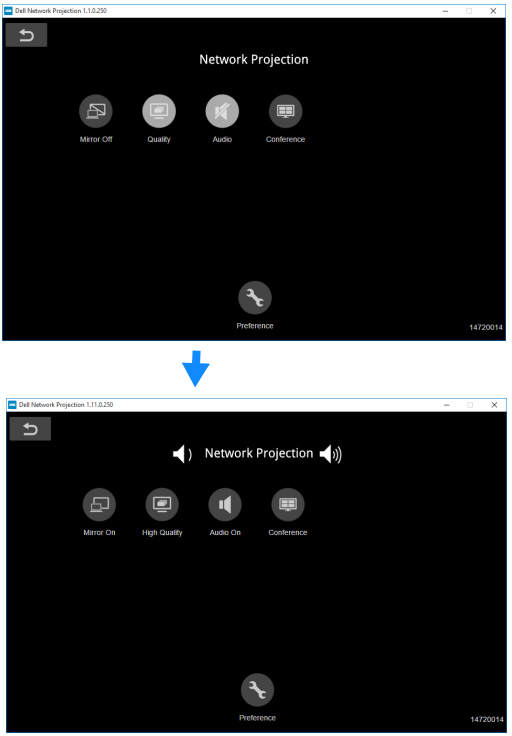
The **Dell Network Projection Screen** shown below appears:



3 At the **Dell Network Projection** screen, click **Find a Projector**, and then select Dell_CCDDEE01 (random code). This is the name & code that will be projected, when your projector is set to the 'Network' source.

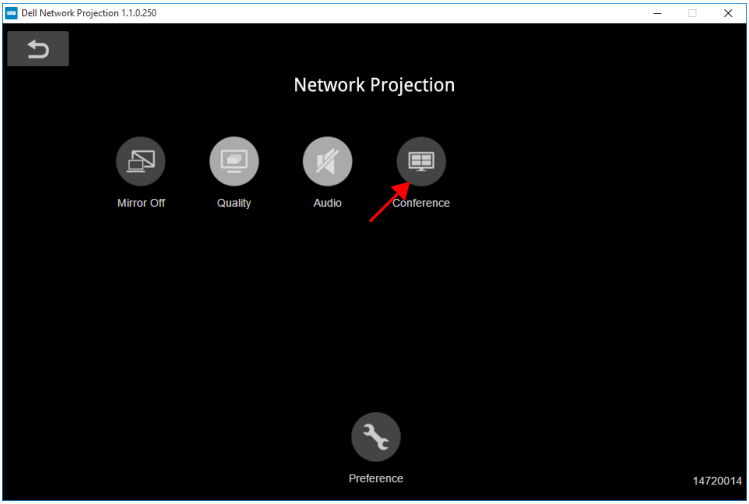


4 Click **Mirror Off** option to start presenting.

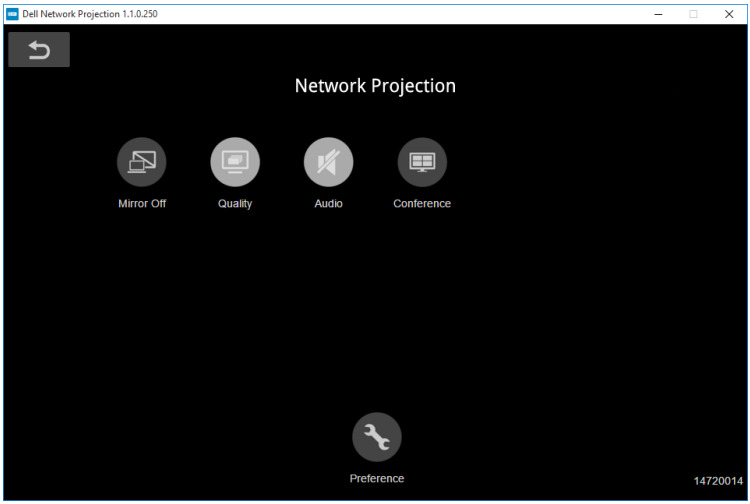


Split Screen

After the network projection connects, click **Conference** button to activate the split screen feature.



Understanding the Buttons



Item	Description
Control Toolbar	
Mirror Off/On	Click to toggle network projection On/Off and screen extension.
Quality	Click to toggle High/Low quality.
Audio	Click to toggle audio On/Off.
Conference	Click to activate the conference control.
Preference	Click to activate the fast connection settings.

Using PC-Free Presentation

Multimedia File Type Support

Photos

Media Type	Ext Name	Version Support	Detailed Specification	Notes
JPEG	jpg/jpeg		Baseline mode: size <=65536 x 65536 Progressive baseline: • color mode=444, size <= 2080 x 2080 • color mode=(422, 440), size <=2544 x 2544 • color mode=(420, 400, 411, others), size <=2944 x 2944 JPEG (CMYK) is not support	Support baseline mode & progressive baseline
BMP	bmp		Size<=65536 x 65536	Support all modes
PNG/GIF	png/gif		PNG<=65536 x 65536 GIF<=65536 x 65536 Animation mode is not supported	Support interlace Animation mode is not supported
TIFF	tiff		TIFF<=3264 x 2176	Support all modes

Audio

File Type	File Extension	Version Support	Detailed Specification	Notes
Mpeg-1 Layer 3	mp3		VBR: bit rate: 8~320 Kbps	
WMA	wma/asf	WMA 7~9.1	Bit rate: CBR up to 320 kbps, VBR up to 256 kbps	1. Microsoft Licensee only 2. WMA 7~9.1 is WMA2
WMV	wav		Sampling rate: 8KHz; Bit rate: 32Kbps	Microsoft ADPCM only
LPCM	n/a (included in the video only)	LPCM	LPCM: Sampling rate: 8KHZ~192KHz; Bit rate: 64~4608 Kbps	
ADPCM	n/a (included in the video only)	1. Microsoft ADPCM 2. IMA ADPCM (DVI_ADPCM) 3. SWF ADPCM 4. QT IMA ADPCM	Microsoft ADPCM: Sampling rate: 8KHz; Bit rate: 32 Kbps	
OGG Vorbis	ogg		CBR: Sampling rate: 32K~192KHz VBR: Up to 500 Kbps (spec)	
AMR	amr/3ga			

Video

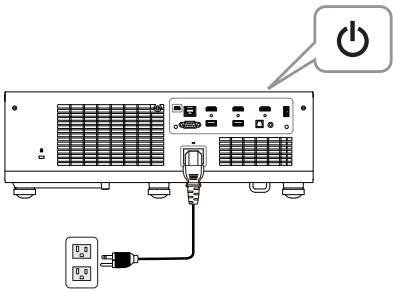
File Type	Video Type	Audio Type	Detailed Specification	Notes
MP4 (.mov, .mp4)	MPEG-4 AVC (H.264)	LPCM ADPCM MPEG-Audio	H.264: 1. Main and High Profile @ level 4.2 2. Baseline @ level 3 3. 4K@24P	ADPCM: 1. Microsoft ADPCM 2. IMA ADPCM (DVI_ADPCM) 3. SWF ADPCM 4. QT IMA ADPCM
MP4 (.mp4)	H.265/HEVC	MPEG-Audio HE-AAC, LC-AAC	H.265: 1. MP@L5.1 Main Tier 2. 4K@60P 10bit	
AVI (.avi)	MPEG-4 AVC (H.264)	LPCM ADPCM MPEG-Audio	MPEG-1: support up to 1080@60p H.264: 1. Main and High Profile @ level 4.2 2. Baseline @ level 3 3. 4K@24P	ADPCM: 1. Microsoft ADPCM 2. IMA ADPCM (DVI_ADPCM) 3. SWF ADPCM 4. QT IMA ADPCM
FLV (.flv)	MPEG-4 AVC (H.264)	LPCM MPEG-Audio	H.264: 4K@24P	
F4V (.f4v)	H.264	HE-AAC MP3	H.264: 1. Main and High Profile @ level 4.2 2. Baseline @ level 3 3. 4K@24P	
MKV (.mkv)	MPEG-4 AVC (H.264)	LPCM ADPCM MPEG-Audio	H.264: 1. Main and High Profile @ level 4.2 2. Baseline @ level 3 3. 4K@24P	ADPCM: 1. Microsoft ADPCM 2. IMA ADPCM (DVI_ADPCM) 3. SWF ADPCM 4. QT IMA ADPCM
MKV (.mkv)	H.265/HEVC VP9	MPEG-Audio HE-AAC, LC-AAC	H.265: 1. MP@L5.1 Main Tier 2. 4K@60P 10bit	

Setting up to present using External USB Storage

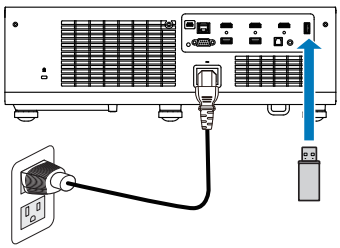
NOTE: A USB flash disk must be plugged into the projector if you want to use the USB media playback feature.

Follow these steps to play the Video, Audio, Photo, or PDF files on your projector:

1 Connect the power cable and turn on the projector by pressing the power button.

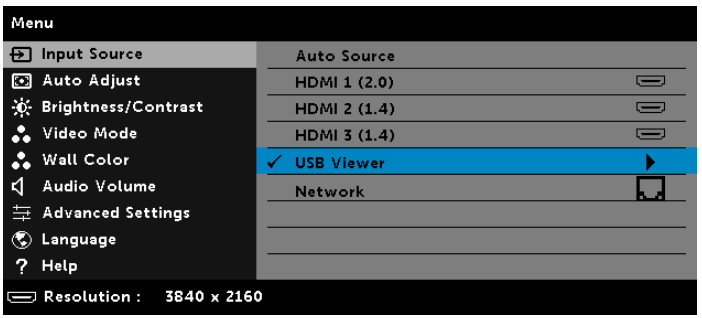


2 Plug in a **USB flash disk** to your projector.



3 Press the **Menu** button on the control panel or remote control.

4 Access the **Input Source** menu, select **USB Viewer** source.

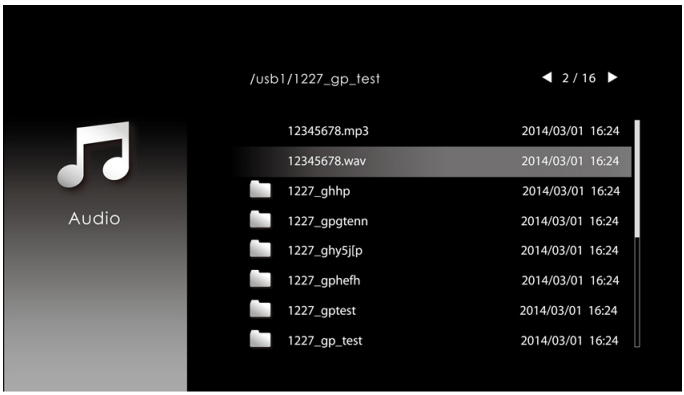


5 Go to USB Viewer menu:

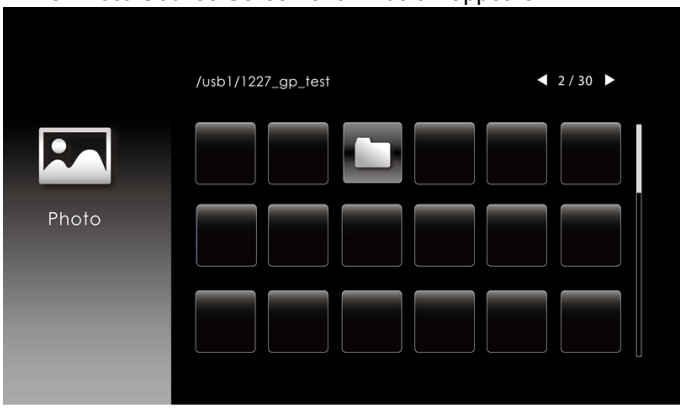
a You can play **Video**, **Music**, or **Photo** files, or select **Setting** option to change multimedia settings.

The **Video Source Screen** shown below appears:

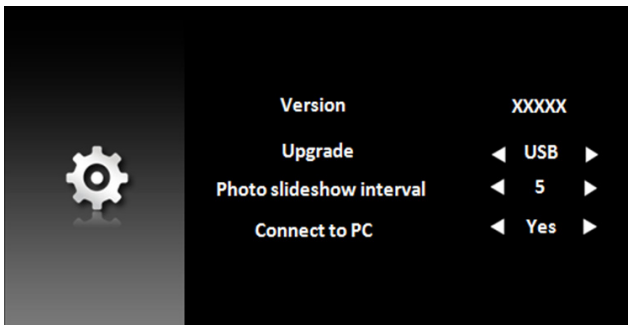
The **Music Source Screen** shown below appears:



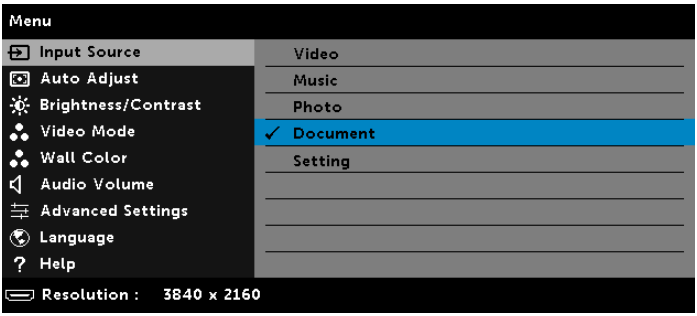
The **Photo Source Screen** shown below appears:



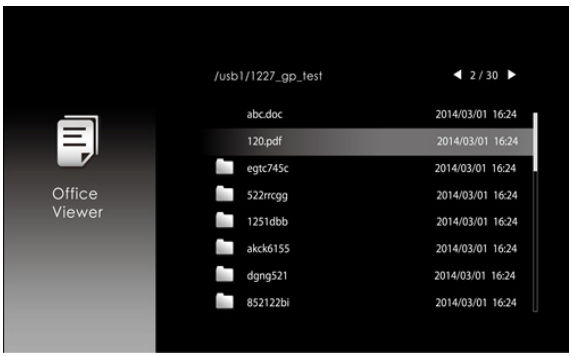
The **Setting Source Screen** shown below appears:



- You can also play **MS Excel**, **MS Word**, **MS PowerPoint**, or **PDF** files via **Document** option.



The **Document Screen** shown below appears:



Office Viewer File Type Support

The office viewer feature allows you to play the MS Excel, MS Word, MS PowerPoint, and PDF files.

File Type	Support Version	Pages/Lines Limitation	Size Limitation	Notes
Adobe PDF		Up to 1000 pages (One file)	Up to 75 MB	
MS Word	Word 97, 2000, 2002, 2003	Because office viewer does not load all pages of MS Word file at the same time, there are no obvious limitations of page and line.	Up to 100 MB	Does not support Bold Text in Simple Chinese front
	Word 2007, 2010 (.docx)			
MS Excel	Excel 97, 2000,2002, 2003	Row Limit: up to 595 / Column Limit: up to 256	Up to 15 MB	Does not support password-protected sheets
	Excel 2007, 2010 (.xlsx)	Sheet: up to 100		
	Office XP Excel	Note: Any one of three limitations above cannot appear on one Excel file simultaneously		
MS PowerPoint	PowerPoint 97	Up to 1000 pages (One file)	Up to 19 MB	Does not support Slide Show order
	PowerPoint 2000, 2002, 2003			
	PowerPoint 2007, 2010 (.pptx)			
	Office XP PowerPoint			
	PowerPoint presentation-2003 and earlier*.pps)			
	PowerPoint presentation-2007 and 2010(.ppsx)			

Set-up Bluetooth Speaker

NOTE:

a Bluetooth transmitter range is 10 m.

b Bluetooth sound profile supports Stereo (2 channel).

c The S718QL projector Bluetooth transmitter can only communicate with one Bluetooth speaker at a time same time.

d Bluetooth will not operate when 3.5 mm audio out or SPDIF is connected.

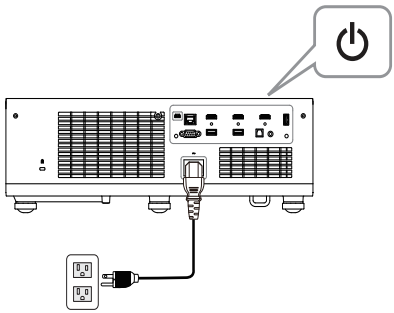
e Up to five Bluetooth speakers can be paired & saved.

f Once a Bluetooth speaker is paired, the projector will automatically connect to it when the projector is turned on.

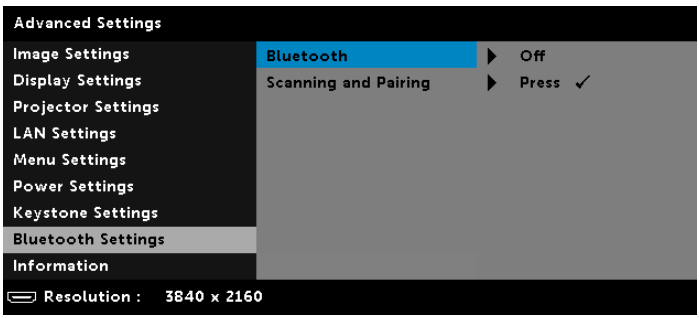
Adding a New Bluetooth Speaker

Follow these steps to pair your projector with a compatible Bluetooth speaker:

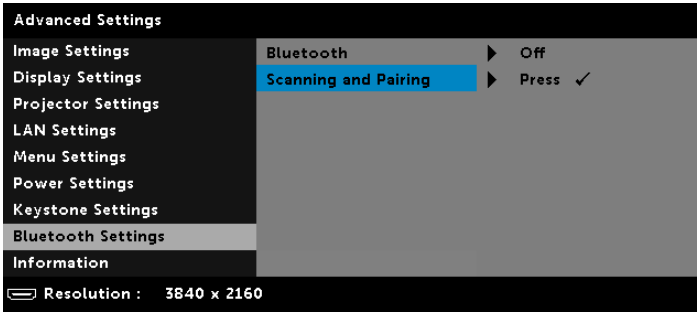
1 Connect the power cable and turn on the projector by pressing the power button.



2 Access the **Advanced Settings** menu. Select the **Bluetooth Settings** and then turn-on **Bluetooth** feature on the sub-menu.

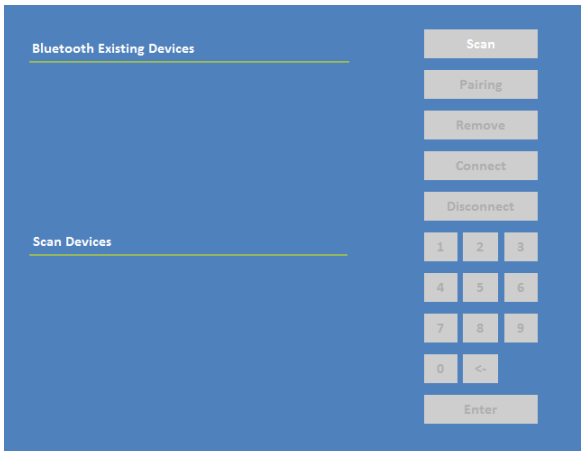


3 When the Bluetooth function is enabled, select Scanning and Pairing, and then press the **Enter** button to enter the **Scanning and Pairing** screen.

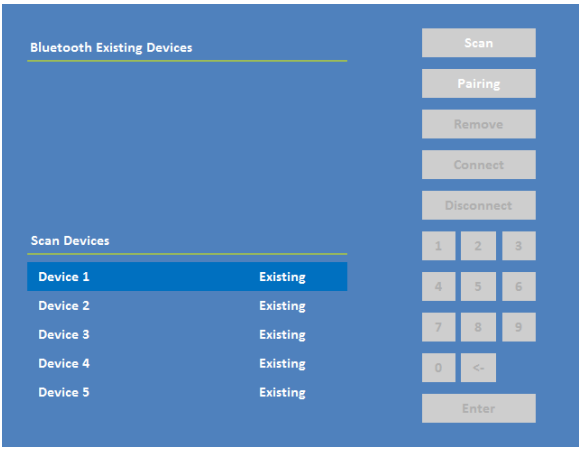


Pairing instruction shown below appears:

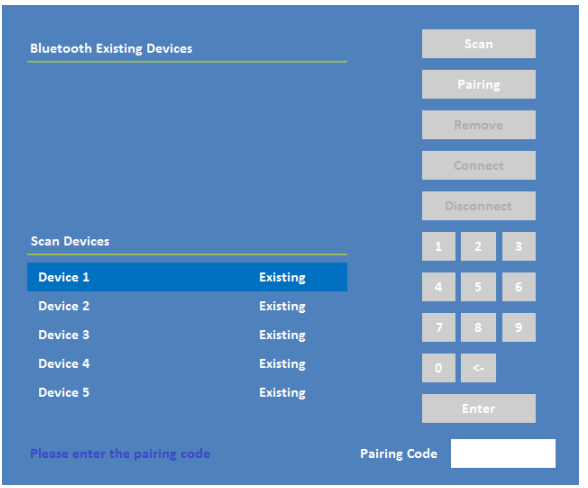
a Click **Scan** button.



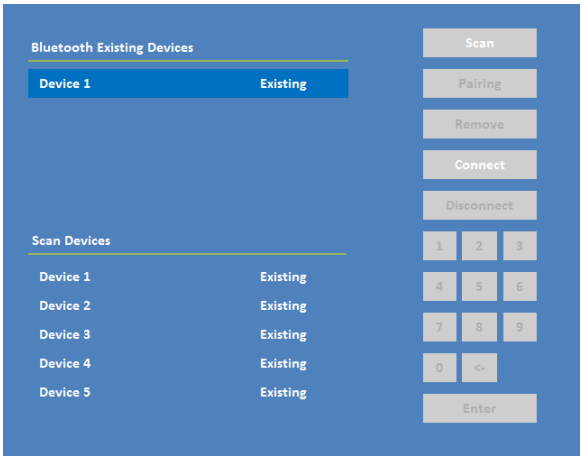
b When the Scan Devices list appears, select **Device 1** and click the **Pairing** button.



c Please enter the pairing code.

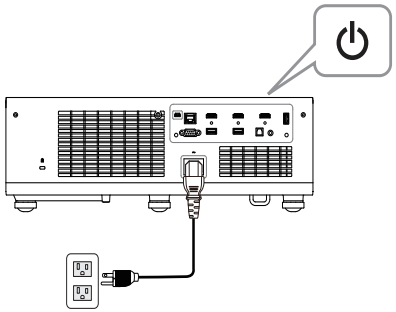


d When the pairing process is complete, select **Device 1** from the Bluetooth Existing Devices list. Then click the **Connect** button.



Remove a Bluetooth Speaker

1 Connect the power cable and turn on the projector by pressing the power button.

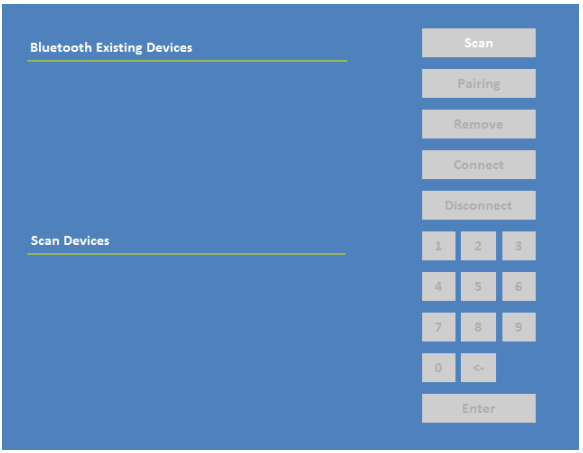


2 Access the **Advanced Settings** menu. Select the **Bluetooth Settings** and then turn-on **Bluetooth** feature on the sub-menu.

3 When the Bluetooth function is enabled, select Scanning and Pairing, and then press the **Enter** button to enter the **Scanning and Pairing** screen.

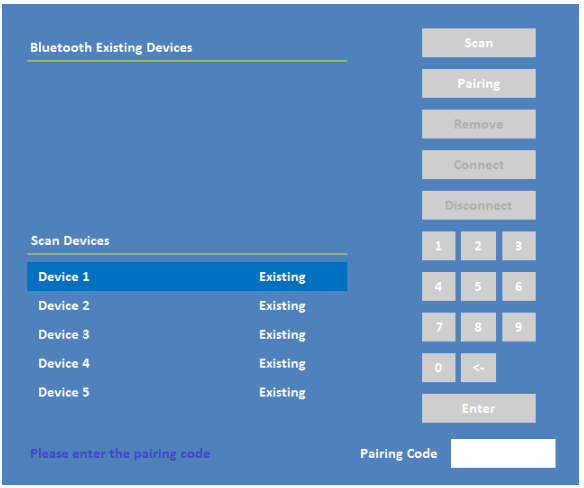
Pairing instruction shown below appears:

a Click **Scan** button.



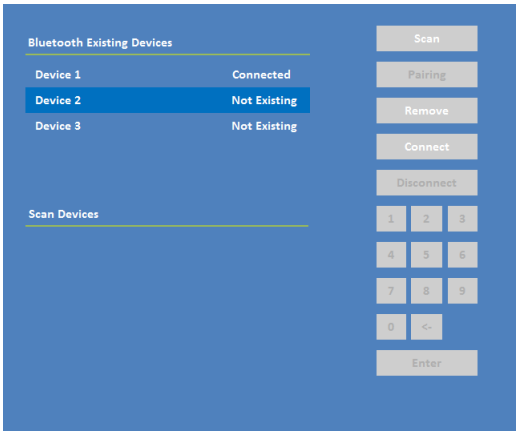
b When the Scan Devices list appears, select **Device 1** and click the **Pairing** button.

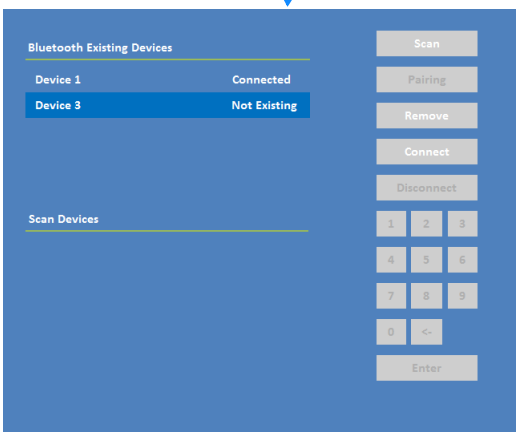
c Please enter the pairing code.



d When the pairing process is complete, select **Device 1** from the Bluetooth Existing Devices list. Then click the **Connect** button.

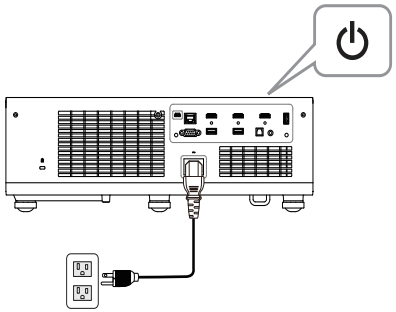
4 When you into **Bluetooth Scanning and Pairing** sub-menu, select the device you would like to remove, and then click **Remove** button.





Disconnect a Bluetooth Speaker

1 Connect the power cable and turn on the projector by pressing the power button.

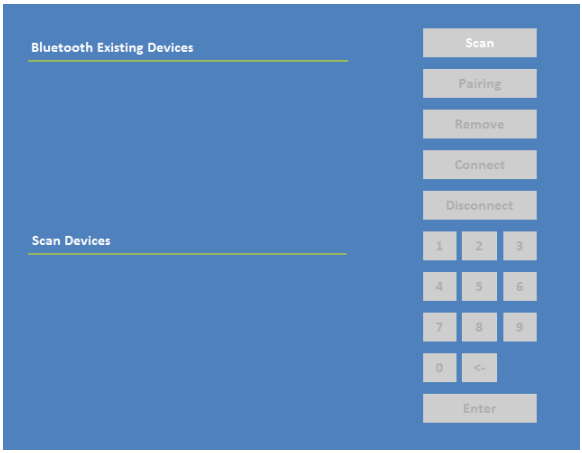


2 Access the **Advanced Settings** menu. Select the **Bluetooth Settings** and then turn-on **Bluetooth** feature on the sub-menu.

3 When the Bluetooth function is enabled, select Scanning and Pairing, and then press the **Enter** button to enter the **Scanning and Pairing** screen.

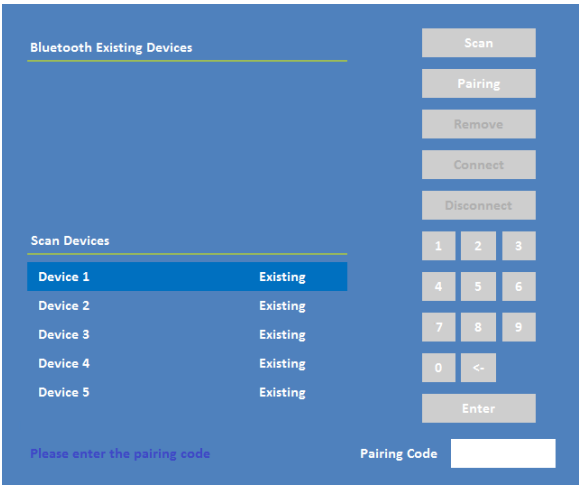
Pairing instruction shown below appears:

a Click **Scan** button.



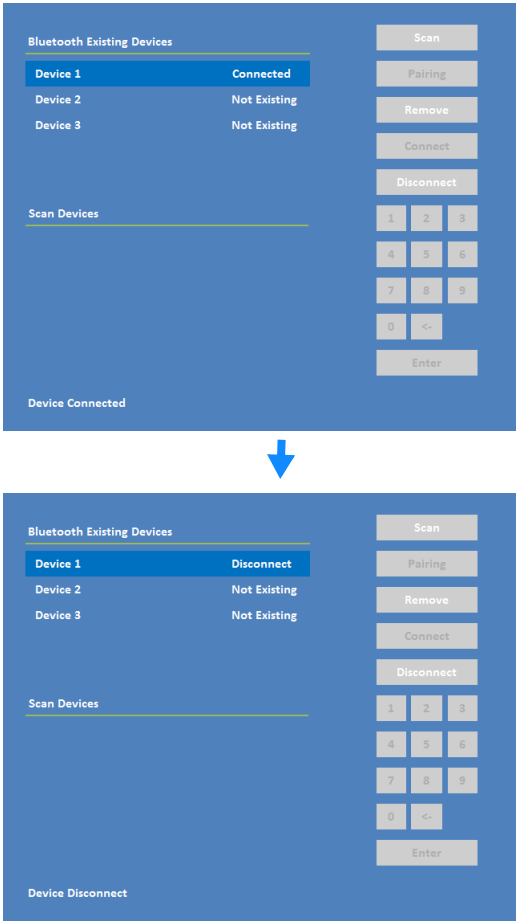
b When the Scan Devices list appears, select **Device 1** and click the **Pairing** button.

c Please enter the pairing code.



d When the pairing process is complete, select **Device 1** from the Bluetooth Existing Devices list. Then click the **Connect** button.

4 When you into **Bluetooth Scanning and Pairing** sub-menu, select Device 1, and then click **Disconnect** button.



Using High Dynamic Range (HDR)

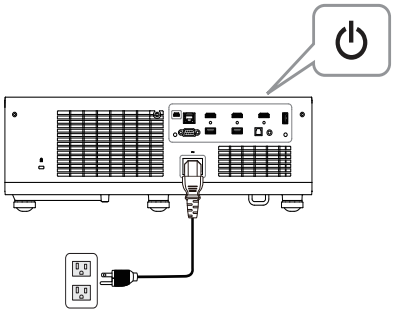
NOTE:

a Only HDMI-1 port can support HDR feature.

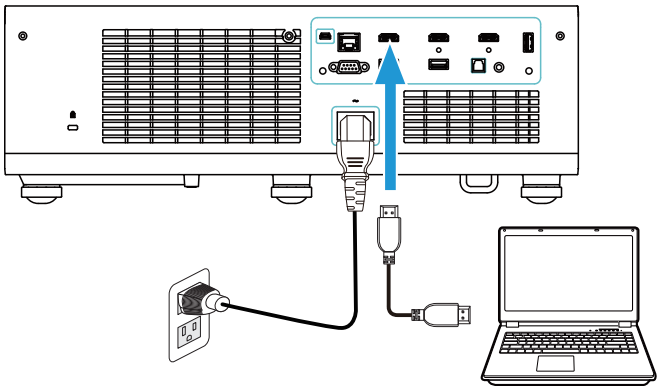
b PQ functions cannot be adjusted in HDR mode.

Follow these steps to activate HDR feature:

1 Connect the power cable and turn on the projector by pressing the power button.

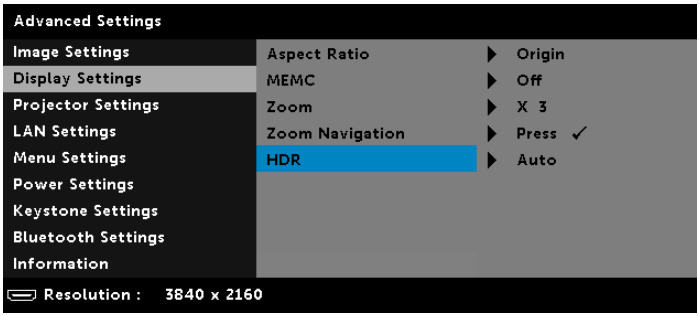


2 Connect the **HDMI 2.0 cable** to the projector HDMI-1 port and the computer or DVD player.



NOTE: Your computer or DVD player must support the HDR function.

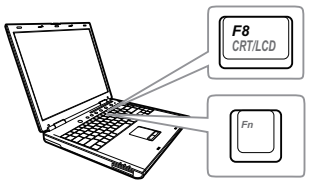
3 Access the **Display Settings** menu, select **HDR** and then follow the functionality difference to select **Auto**, **off**, **HDR1**, **HD2**, or **HD3** on the sub-menu.



4 Troubleshooting

Troubleshooting Tips

If you experience problems with your projector, see the following troubleshooting tips. If your problem persists, please contact Dell.

Problem	Possible Solution
No image appears on the screen 	• Ensure that you have chosen the correct input source on the INPUT SOURCE menu. • Ensure the external graphics port is enabled. If you are using a Dell laptop computer, press Fn + F8 CRT/LCD (Fn+F8). For other computers, see your respective documentation. If images are not displayed properly, please upgrade the video driver of your computer. For Dell computers, see www.dell.com/support. • Ensure that all the cables are securely connected. See "Adjusting Projector Image" on page 12. • Ensure that the pins of the connectors are not bent or broken. • Use the Test Pattern in the Projector Settings of the Advanced Settings menu. Ensure that the colors of the test pattern are correct.

Problem (continued)	Possible Solution (continued)
Partial, scrolling, or incorrectly displayed image	If you are using a Dell laptop computer, set the resolution of the computer to 4K (3840 x 2160): a Right-click the unused portion of your Microsoft® Windows® desktop, click **Properties**, and then select **Settings** tab. b Verify that the setting is 3840 x 2160 pixels for the external monitor port. c Press Fn F8 CRT/LCD (Fn+F8). If you experience difficulty in changing resolutions, or if your monitor freezes, restart all the equipment and the projector. If you are not using a Dell laptop computer, see your documentation. If images are not displayed properly, please upgrade the video driver of your computer. For a Dell computer, see www.dell.com/support.
The screen does not display your presentation	If you are using a portable computer, press Fn F8 CRT/LCD (Fn+F8).
Image color is incorrect	• If the display receives the wrong signal output from the graphics card, please set the signal type to **RGB** in the OSD **Image Settings** of the **Advanced Settings** tab. • Use **Test Pattern** in the **Projector Settings** of the **Advanced Settings** menu. Ensure that the colors of the test pattern are correct.
Image is out of focus	1 Adjust the focus until the image is clear. Use **Focus Adjust** in the **Projector Settings** of the **Advanced Settings** menu. 2 Ensure that the projection screen is within the required distance from the projector (0.32 ft [10 cm] ~ 0.74 ft [22.5 cm]).

Problem (continued)	Possible Solution (continued)
The image is stretched when displaying a 16:9 DVD	The projector automatically detects the input signal format. It will maintain the aspect ratio of the projected image according to the input signal format with an Original setting. If the image is still stretched, adjust the aspect ratio in the Display Settings of the Advanced Settings menu in the OSD.
Image is reversed	Select **Projector Settings** of the **Advanced Settings** from the OSD and adjust the projector mode.
TEMP light is solid amber	The projector has overheated. The display automatically shuts down. Turn the display on again after the projector cools down. If the problem persists, please contact Dell.
TEMP light is blinking amber	If the projector fan fails, the projector will automatically shut down. Try to clear the projector mode by pressing and holding the **Power** button for 10 seconds. Please wait for about 5 minutes and try to power up again. If the problem persists, please contact Dell.
The remote control is not operating smoothly or works only within a limited range	The battery may be low. If so, replace with new CR2032 battery.
LAN control support	• Web Control functions were verified on IE9, IE10, and IE11. The other version may have compatibility problem. • The Compatibility View setting should be disabled. Otherwise the web control page may have icon or content display abnormal issue.

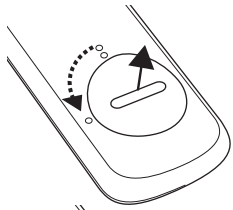
Guiding Signals

Projector Status	Description	Control Buttons	Indicator	
		Power	TEMP (Amber)	LAMP (Amber)
Standby mode	Projector in Standby mode. Ready to power on.	White Flashing	OFF	OFF
Warming up mode	Projector takes some time to warm up and power on.	White	OFF	OFF
Laser Diode on	Projector in Normal mode, ready to display an image. Note: The OSD menu is not accessed.	White	OFF	OFF
Cooling mode	Projector is cooling to shutdown.	White	OFF	OFF
Projector overheated	Air vents might be blocked or ambient temperature may be above 40°C. The projector automatically shuts down. Ensure that the air vents are not blocked and that the ambient temperature is within operational range. If the problem persists, please contact Dell.	OFF	AMBER	OFF
Fan breakdown	One of the fans has failed. The projector automatically shuts down. If the problem persists, please contact Dell.	OFF	AMBER Flashing	OFF
Laser Diode driver overheated	Air vents might be blocked or the Laser Diode driver has overheated. The projector will automatically shut down. Turn the display on again after the projector cools down. If the problem persists, please contact Dell.	AMBER	AMBER	OFF
Color Wheel breakdown	Color wheel cannot start. The projector has failed and the projector automatically shuts down. Unplug the power cord after three minutes and then turn on the projector. If this problem persists, please contact Dell.	White	AMBER Flashing	AMBER Flashing
Laser Diode failure	Laser Diode is defective.	OFF	OFF	AMBER
Fault - DC supply (+12V)	Power supply has been interrupted. The projector automatically shuts down. Unplug the power cord after three minutes and then turn on the projector. If this problem persists, please contact Dell.	AMBER Flashing	AMBER	AMBER

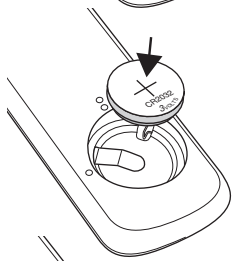
5 Maintenance

Replacing the Remote Control Battery

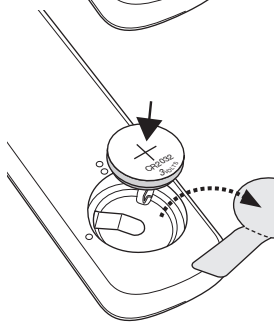
1 Rotate the battery lid counterclockwise to remove the battery cover.



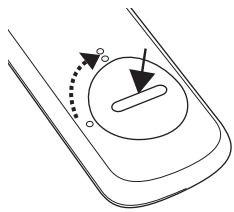
2 Insert a CR2032 coin cell battery and align the polarity correctly according to the marking in the battery holder.



NOTE: When you use the remote control for the first time, there is a plastic sheet between the battery and its contact. Remove the sheet before use.



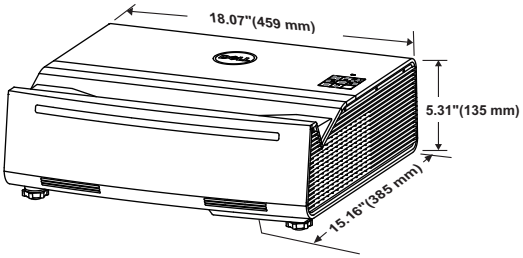
3 Rotate the battery lid clockwise to mount the battery cover.



6 Specifications

Light Valve	0.66" UHD TRP S610 DMD, DarkChip3™
Brightness	5000 ANSI Lumens (Max.)
Contrast Ratio	1300:1 Typical (Full On/Full Off) 100000:1 High Contrast Ratio
Uniformity	80% Typical (Japan Standard - JBMA)
Number of Pixels	3840 x 2160 (4K)
Aspect Ratio	16:9
Displayable Color	1.07 billion colors
Color Wheel Speed	2 X for Normal
Projection Lens	F-Stop: F/2.74 Focal length, f=2.84 mm No Manual Zoom Lens, Fixed Throw ratio =Fixed UST 0.18 wide and tele Offset ratio: 118%
Projection Screen Size	100 ~ 130 inches (diagonal)
Projection Distance	0.32 ~ 0.74 ft (10 ~ 22.5 cm)
Video Compatibility	Component Video input via HDMI: 2160p (24/25/60 Hz), 1080i (24/25/60 Hz), 720p (50/60 Hz), 576i/p, 480i/p
Power Supply	Universal AC 100-240 V 50-60 Hz with PFC input
Power Consumption	Normal mode: 500 W ± 15% @ 110 Vac Eco mode: 280 W ± 15% @ 110 Vac Standby mode: < 0.5 W Network standby: < 2 W **NOTE:** By default, the projector is set to enter power saving mode after 20 minutes of no activity.
Audio	2 speakers x 6 watt RMS

Noise Level	Normal mode: 33 dB(A) Eco mode: 29 dB(A)
Projector Weight	< 29.76 lb (13.5 Kg)
Dimensions (W x D x H)	18.07 x 15.16 x 5.31 inches (459 x 385 x 135 mm)



Environmental	Operating temperature: 5 °C - 40 °C (41 °F-104 °F) Humidity: 80% maximum Storage temperature: 0 °C to 60 °C (32 °F to 140 °F) Humidity: 90% maximum Shipping temperature: -20 °C to 60 °C (-4 °F to 140 °F) Humidity: 90% maximum
I/O Connectors	Power: One AC power socket (3-pin - C14 inlet) HDMI 2.0 input: One HDMI 2.0 connector for HDMI 2.0 specification HDCP 2.2 compliant and HDR capable. HDMI 1.4 input: Two HDMI 1.4 connectors for HDMI 1.4 specification HDCP 2.2 compliant. Variable audio output: One 3.5 mm stereo mini phone jack (Green). USB (mini type B) port: One mini type B connector for firmware upgrade. USB 3.0 (type A) port: One USB 3.0 type A connector for USB playback. USB Power (5V/1.8A): Two USB Power (5V/1.8A) for power only RS232 port: One 9-pin D-sub for RS232 communication.

	RJ-45 port: One RJ-45 connector for build-in for network control and LAN display. SPDIF port: One SPDIF connector for digital audio output.
Light Source	Up to 20,000 hours in Normal mode

Compatibility Mode (Digital)

Resolution	Refresh Rate (Hz)	H Sync Frequency (KHz)	Pixel Clock (MHz)	Support HDMI 1.4 or 2.0
640 x 480	59.940	31.469	25.175	HDMI 1.4 & 2.0
640 x 480	75.000	37.500	31.500	HDMI 1.4 & 2.0
640 x 480	85.008	43.269	36.000	HDMI 1.4 & 2.0
720 x 480 p60	59.940	31.469	27.000	HDMI 1.4 & 2.0
720 x 576 p50	50.000	31.250	27.000	HDMI 1.4 & 2.0
800 x 600	60.317	37.879	40.000	HDMI 1.4 & 2.0
800 x 600	75.000	46.875	49.500	HDMI 1.4 & 2.0
800 x 600	85.061	53.674	56.250	HDMI 1.4 & 2.0
1024 x 768	60.004	48.363	65.000	HDMI 1.4 & 2.0
1024 x 768	74.930	60.241	80.000	HDMI 1.4 & 2.0
1024 x 768	84.997	68.677	94.500	HDMI 1.4 & 2.0
1280 x 720	59.855	44.772	74.250	HDMI 1.4 & 2.0
1280 x 720 p50	50.000	37.500	74.250	HDMI 1.4 & 2.0
1280 x 720 p60	60.000	45.000	74.250	HDMI 1.4 & 2.0
1280 x 800	59.810	49.702	83.500	HDMI 1.4 & 2.0
1280 x 1024	60.020	63.981	108.000	HDMI 1.4 & 2.0
1366 x 768	59.790	47.712	85.500	HDMI 1.4 & 2.0
1400 x 1050	59.978	65.317	121.750	HDMI 1.4 & 2.0
1600 x 1200	60.000	75.000	162.000	HDMI 1.4 & 2.0
1920 x 1080	60.000	67.500	148.500	HDMI 1.4 & 2.0
1920 x 1080 i50	50.000	28.125	74.250	HDMI 1.4 & 2.0
1920 x 1080 i60	60.000	33.750	74.250	HDMI 1.4 & 2.0
1920 x 1080 p120	120.00	33.750	297.000	HDMI 1.4 & 2.0
3840 x 2160	24.000	54.000	297.000	HDMI 1.4 & 2.0
3840 x 2160	25.000	56.250	297.000	HDMI 1.4 & 2.0
3840 x 2160	30.000	67.500	297.000	HDMI 1.4 & 2.0

3840 x 2160	50.000	112.500	594.000	HDMI 2.0
3840 x 2160	60.000	135.000	594.000	HDMI 2.0
4096 x 2160	24.000	54.000	297.000	HDMI 1.4 & 2.0
4096 x 2160	25.000	56.250	297.000	HDMI 1.4 & 2.0
4096 x 2160	30.000	67.500	297.000	HDMI 1.4 & 2.0
4096 x 2160	50.000	112.500	594.000	HDMI 2.0
4096 x 2160	60.000	135.000	594.000	HDMI 2.0

7 Additional Information

For additional information on how to use your projector, please see the **Dell Projectors User Guide** at www.dell.com/support/manuals.

8 Contacting Dell

For customers in the United States, call 800-WWW-DELL (800-456-3355).

NOTE: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit go to www.dell.com/contactDell.
2. Select your country from the displayed list.
3. Select a Segment for Contact.
4. Select the appropriate service or support link based on your need.

Index

A

Adjusting Projector Focus 13

Adjusting the Projected Image
- Adjusting the Projector Height 12
- lower the projector
  - Front tilt adjustment wheel 12
  - Rear tilt adjustment wheel 12

C

Connection Ports
- Audio output connector 6
- HDMI 1 (2.0) connector 6
- HDMI 2 (1.4) connector 6
- HDMI 3 (1.4) connector 6
- Kensington cable slot 6
- Mini USB (mini type B) connector for firmware upgrade 6
- Power cord connector 6
- RJ45 connector 6
- RS232 connector 6
- SPDIF connector 6
- USB (Type A) 3.0 connector for USB media playback and optional wireless dongle 6
- USB Type A Power (5V/1.8A) connector 6

Contact Dell 4

D

Dell
- contacting 64, 65

M

Main Unit 5
- 6W (x 2) speakers 5
- IR receivers 5
- Lens 5
- Mounting holes for wall mount 5
- Power button 5
- Status indicators 5
- Tilt adjustment wheel 5

P

phone numbers 65

R

Remote Control 9

Replacing 58

S

Specifications
- Aspect Ratio 59

Audio 59
Brightness 59
Color Wheel Speed 59
Contrast Ratio 59
Dimensions 60
Displayable Color 59
Environmental 60
I/O Connectors 60
Light Valve 59
Noise Level 60
Number of Pixels 59
Power Consumption 59
Power Supply 59
Projection Distance 59
Projection Lens 59
Projection Screen Size 59
Projector Weight 60
Uniformity 59
Video Compatibility 59
support
contacting Dell 64, 65

T

telephone numbers 65