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PowerLite® Pro G6050W/G6150/G6450WU/G6550WU/
G6750WU/G6800/G6900WU User's Guide

Welcome to the PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU/G6800/G6900WU
User's Guide.
Introduction to Your Projector

Refer to these sections to learn more about your projector and this manual.

Projector Features
Notations Used in the Documentation
Where to Go for Additional Information
Projector Part Locations

Projector Features

The PowerLite Pro G6050W, G6150, G6450WU, G6550WU, G6750WU, G6800, and G6900WU projectors include these special features:

**Bright, high-resolution projection system**

- PowerLite Pro G6050W: Up to 5500 lumens of brightness (white light output and color light output)
- PowerLite Pro G6150: Up to 6500 lumens of brightness (white light output and color light output)
- PowerLite Pro G6450WU: Up to 4500 lumens of brightness (white light output and color light output)
- PowerLite Pro G6550WU: Up to 5200 lumens of brightness (white light output and color light output)
- PowerLite Pro G6750WU/G6900WU: Up to 6000 lumens of brightness (white light output and color light output)
- PowerLite Pro G6800: Up to 7000 lumens of brightness (white light output and color light output)

**Note:** Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118.

- PowerLite Pro G6050W: Native resolution of $1280 \times 800$ pixels (WXGA)
- PowerLite Pro G6150/G6800: Native resolution of $1024 \times 768$ pixels (XGA)
- PowerLite Pro G6450WU/G6550WU/G6750WU/G6900WU: Native resolution of $1920 \times 1200$ pixels (WUXGA)

**Flexible connectivity**

- Wired and wireless network support for projection, monitoring, and control via remote network computer (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU)
• Wired network support for monitoring and control via remote network computer (PowerLite Pro G6800/G6900WU)
• Variety of connection methods to a computer or video device including HDMI, BNC, DisplayPort, HDBaseT (PowerLite Pro G6750WU/G6800/G6900WU), and SDI (PowerLite Pro G6900WU)
• Ports for connecting an external monitor and external speakers

Easy-to-use setup and operation features
• Interchangeable bayonet lens options available
• Project images side by side from two separate input sources
• Create one large seamless display when projecting from multiple projectors using Edge Blending
• Epson's Instant Off and Direct Power On features for quick setup and shut down
• Support for Crestron RoomView network monitoring systems
• Network message broadcast system to project timely messages to all networked projectors (Windows only)

Note: The PowerLite Pro G6900WU projector with the standard lens is shown in most illustrations in this manual, unless noted otherwise.
1  Projector with standard zoom lens
2  Cable cover
3  Cable clip
4  Remote control
5  Remote control batteries (two AA alkaline)
6  Power cord
7  VGA computer cable
8  Lens unit screw
9  Projector documentation CD
10 Projector software CD (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU)

¹ Lens not included with the PowerLite Pro
G6050WNL/G6150NL/G6450WUNL/G6550WUNL/G6750WUNL/G6800NL/G6900WUNL models
2 clips included with the PowerLite Pro G6800/G6900WU models

Parent topic: Projector Features

Additional Components

Depending on how you plan to use the projector, you may need to obtain the following additional components:

- To connect a computer through its VGA port to the projector’s BNC ports, you need a VGA-to-5-BNC cable or adapter. You can purchase one from Epson or an authorized Epson reseller.
- To receive a composite video signal, you need an RCA-style video or A/V cable. See your local computer or electronics dealer for purchase information.
- To receive an S-Video signal, you need an S-Video cable compatible with your device. See your local computer or electronics dealer for purchase information.
- To receive a component video signal, you need a component-to-BNC or a D-sub, 15-pin, component-to-VGA video cable or adapter. You can purchase one from Epson or an authorized Epson reseller.
- To receive an HDMI signal, you need a compatible HDMI cable. You can purchase one from Epson or an authorized Epson reseller.

Note: Older Mac computers (2009 and earlier) may not support audio through the HDMI port.

- To receive a DisplayPort signal, you need a compatible DisplayPort cable.
- To receive a HDBaseT signal (PowerLite Pro G6750WU/G6800/G6900WU), you need a compatible 100Base-TX LAN cable.
- To receive an SDI signal (PowerLite Pro G6900WU), you need a compatible BNC video cable.
- To project with audio from certain ports, you may need a commercially available audio cable compatible with your device. See your local computer or electronics dealer for purchase information.
- To connect a Mac that includes only a Mini DisplayPort, Thunderbolt port, or Mini-DVI port for video output, you need to obtain an adapter. Contact Apple for compatible adapter options.

Optional Equipment and Replacement Parts

You can purchase screens, other optional accessories, and replacement parts from an Epson authorized reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online at epsonstore.com (U.S. sales) or epson.ca (Canadian sales).

Epson offers the following optional accessories and replacement parts for your projector:
<table>
<thead>
<tr>
<th>Option or part</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Genuine Epson replacement lamp (ELPLP76)</td>
<td>V13H010L76</td>
</tr>
<tr>
<td>Air filter (ELPAF43)</td>
<td>V13H134A43</td>
</tr>
<tr>
<td>Quick Wireless Connection USB key (ELPAP09; PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU)</td>
<td>V12H005M09</td>
</tr>
<tr>
<td>Wireless LAN module (ELPAP07; PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU)</td>
<td>V12H418P12</td>
</tr>
<tr>
<td>HDBaseT Transmitter (ELPHD01; PowerLite Pro G6750WU/G6800/G6900WU)</td>
<td>V12H547020</td>
</tr>
<tr>
<td>Replacement remote control</td>
<td>158279900</td>
</tr>
<tr>
<td>Remote control cable set (ELPKC28)</td>
<td>V12H005C28</td>
</tr>
<tr>
<td>Epson DC-11 document camera (ELPDC11)</td>
<td>V12H377020</td>
</tr>
<tr>
<td>Epson DC-20 document camera (ELPDC20)</td>
<td>V12H500020</td>
</tr>
<tr>
<td>Wireless IR mouse receiver for remote control (ELPST16)</td>
<td>V12H007T16</td>
</tr>
<tr>
<td>Polarizer Kit for 3D Stacking</td>
<td>ELPPL01</td>
</tr>
<tr>
<td>Passive 3D glasses (adult)</td>
<td>ELPGS02A</td>
</tr>
<tr>
<td>Passive 3D glasses (children)</td>
<td>ELPGS02B</td>
</tr>
<tr>
<td>Advanced projector ceiling mount with precision gear</td>
<td>ELPMBPRG</td>
</tr>
<tr>
<td>Adjustable suspended ceiling channel kit</td>
<td>ELPMBP01</td>
</tr>
<tr>
<td>False ceiling plate kit</td>
<td>ELPMBP02</td>
</tr>
<tr>
<td>Structural round ceiling plate</td>
<td>ELPMBP03</td>
</tr>
<tr>
<td>Adjustable extension column (pipe) 8&quot; to 11&quot; (20 to 28 cm)</td>
<td>ELPMBC01</td>
</tr>
<tr>
<td>Component-to-VGA video cable (ELPKC19)</td>
<td>V12H005C19</td>
</tr>
<tr>
<td>VGA video cable 6 feet (1.8 m) length</td>
<td>F3H982-06</td>
</tr>
<tr>
<td>VGA video cable 10 feet (3.0 m) length</td>
<td>F3H982-10</td>
</tr>
<tr>
<td>VGA video cable 25 feet (7.6 m) length</td>
<td>F3H982-25</td>
</tr>
<tr>
<td>HDMI audio video cable 3 feet (0.9 m) length</td>
<td>AV22300-03</td>
</tr>
<tr>
<td>HDMI audio video cable 6 feet (1.8 m) length</td>
<td>AV22300-06</td>
</tr>
<tr>
<td>Option or part</td>
<td>Part number</td>
</tr>
<tr>
<td>---------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>HDMI audio video cable 12 feet (3.6 m) length</td>
<td>AV22300-12</td>
</tr>
<tr>
<td>Short throw zoom lens (ELPLU01)</td>
<td>V12H004U01</td>
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<tr>
<td>Rear projection wide lens (ELPLR03)</td>
<td>V12H004R03</td>
</tr>
<tr>
<td>Standard zoom lens (ELPLS06)</td>
<td>V12H004S06</td>
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<td>Middle throw zoom lens #1 (ELPLM04)</td>
<td>V12H004M04</td>
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<tr>
<td>Middle throw zoom lens #2 (ELPLM05)</td>
<td>V12H004M05</td>
</tr>
<tr>
<td>Long throw zoom lens (ELPLL06)</td>
<td>V12H004L06</td>
</tr>
<tr>
<td>Active speakers (ELPSP02)</td>
<td>V12H467020</td>
</tr>
<tr>
<td>PixiePlus control system for Epson projectors</td>
<td>ELPSP10</td>
</tr>
<tr>
<td>Kensington security lock</td>
<td>ELPSSL01</td>
</tr>
<tr>
<td>Duet ultra portable projector screen</td>
<td>ELPSC80</td>
</tr>
<tr>
<td>50&quot; portable roll screen (4:3)</td>
<td>ELPSC06</td>
</tr>
<tr>
<td>60&quot; portable pop-up screen (4:3)</td>
<td>ELPSC07</td>
</tr>
<tr>
<td>80&quot; portable pop-up screen (4:3)</td>
<td>ELPSC08</td>
</tr>
<tr>
<td>1-Year Extended Depot Repair Service Plan</td>
<td>EPPFTPB1</td>
</tr>
<tr>
<td>1-Year Extended Exchange Service Plan</td>
<td>EPPEXPB1</td>
</tr>
<tr>
<td>2-Year Extended Depot Repair Service Plan</td>
<td>EPPFTPB2</td>
</tr>
<tr>
<td>2-Year Extended Exchange Service Plan</td>
<td>EPPEXPB2</td>
</tr>
</tbody>
</table>

**Parent topic:** Projector Features

**Warranty and Registration Information**

Your projector comes with a basic warranty that lets you project with confidence. For details, see the warranty that came with your projector.

In addition, Epson offers free Extra Care Road Service. In the unlikely event of an equipment failure, you won't have to wait for your unit to be repaired. Instead, Epson will ship you a replacement unit anywhere in the United States, Canada, or Puerto Rico. See the Extra Care Road Service brochure for details.

Register your product online using the projector CD or at this site: epson.com/webreg.
Registering also lets you receive special updates on new accessories, products, and services.

Parent topic: Projector Features

Notations Used in the Documentation

Follow the guidelines in these notations as you read your documentation:

• **Warnings** must be followed carefully to avoid bodily injury.
• **Cautions** must be observed to avoid damage to your equipment.
• **Notes** contain important information about your projector.
• **Tips** contain additional projection information.

Parent topic: Introduction to Your Projector

Where to Go for Additional Information

Need quick help on using your projector? Here's where to look for help:

• **Built-in help system**
  Press the **Help** button on the remote control to get quick solutions to common problems.

• **epson.com/support** (U.S) or **epson.ca/support** (Canada)
  View FAQs (frequently asked questions) and e-mail your questions to Epson technical support 24 hours a day.

• For detailed instructions on using your projector in a network environment (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU), see the *EasyMP Network Projection Operation Guide*.

• If you still need help after checking this manual and the sources listed above, you can use the Epson PrivateLine Support service to get help fast. For details, see "Where to Get Help".

Parent topic: Introduction to Your Projector

Related references

Where to Get Help

Projector Part Locations

Check the projector part illustrations to learn about the parts on your projector.

Projector Parts - Front/Top
Projector Parts - Rear
Projector Parts - Front/Top

1. Exhaust vent
2. Focus ring
3. Zoom ring
4. Lens unit release button
5. Remote control receivers
6. Projector status lights
7 Wireless LAN indicator light (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU)
8 Air filter/intake vent
9 Speaker (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU)
10 Air filter cover latch
11 Cable cover
12 Vertical lens shift dial
13 Lens shift dial lock
14 Horizontal lens shift dial
15 Lamp cover

Parent topic: Projector Part Locations

Projector Parts - Rear

1 Interface ports
2 Kensington security slot
3 AC input port
4 Control panel
5 HDMI cable clip slot
6 Power cable clip slot (PowerLite Pro G6800/G6900WU)
Projector Parts - Interface Ports

1. Audio1 port
2. Computer port
3. BNC ports
4. Audio2 port
5. RS-232C port
6. Remote port
7. Audio L-R ports
8. Video port
9. S-Video port
10. Audio Out port
11. Monitor Out port
12. DisplayPort connector
13. HDMI port
14. Audio3 port
15. HDBaseT port (PowerLite Pro G6750WU/G6800/G6900WU)
16  Network **LAN** port
17  **SDI** port (PowerLite Pro G6900WU)
18  **Service** port

**Parent topic:** Projector Part Locations

### Projector Parts - Base

1. Front adjustable foot
2. Rear feet
3. Screw holes for cable cover
4 Security cable attachment point
5 Mounting bracket holes
6 Screw hole for lens unit release button

Parent topic: Projector Part Locations

Projector Parts - Control Panel

1 Power button
2 **Source Search** button (searches for connected sources)
3 Left arrow button and displays the Control Panel Lock screen
4 **Enter** button (selects options and optimizes screen image when projecting an RGB signal from the **Computer** or **BNC** ports)
5 Down arrow button and displays a test pattern
6 Right arrow button and displays the Info menu
7 **A/V Mute** button (turns the video and audio on or off)
8 **Esc** button (cancels/exits functions)
9 Up arrow button and displays screen adjustment options
10 **Menu** button (accesses projector menu system)
Projector Parts - Remote Control

1. On
2. Standby
3. Computer
4. BNC
5. DisplayPort
6. Video
7. S-Video
8. HDMI
9. LAN
10. RS232c
11. SDI
12. Auto
13. Aspect
14. Freeze
15. A/V Mute
16. Set/Unset
17. Menu
18. Enter
19. Esc/
20. Help
21. User 1
22. User 2
23. User 3
24. Page
25. Volume
26. Z-Zoom
27. Solid
28. Default
29. Search
1. **On** button (turns power on)
2. **Standby** button (turns power off)
3. Source buttons (changes input source; some buttons may not function depending on the model)
4. **Auto** button (automatically adjusts position, tracking, and sync settings when projecting analog RGB signals from the **Computer** or **BNC** ports)
5. **Aspect** button (selects the image aspect ratio)
6. **Test Pattern** button (displays a test pattern)
7. **Freeze** button (stops video action)
8. **Menu** button (accesses projector menu system)
9. Arrow buttons (move through on-screen options and control wireless mouse functions)
10. Enter button (selects options and controls wireless mouse functions)
11. **Split** button (splits the screen)
12. **Page** up/down buttons (scroll through image files when projecting from a computer over a network connection)
13. **Volume** up/down buttons (adjust projector speaker or external speaker volume)
14. **User1**, **User2**, and **User3** buttons (customizable for different functions)
15. Numeric buttons (enter numbers)
16. **ID** button (hold down to use numeric buttons to select a projector)
17. **ID** switch (enables or disables ID settings)
18. Remote port (connects to a remote control cable)
19. **Help** button (accesses projector help information)
20. **Num** button (when held down, switches numeric buttons to number function)
21. **E-Zoom +/−** buttons (zoom into and out of the image)
22. **Default** button (resets settings to their default values in the projector menu system)
23. **Esc** button (cancels/exits functions and controls wireless mouse functions)
24. **A/V Mute** button (turns off picture and sound)
25. **Color Mode** button (selects display modes)
26. **Search** button (searches for connected sources)
27  Light button (lights up the buttons temporarily)
28  Indicator light (lights up when the remote control is in use)
29  Remote control signal emitter (emits remote control signals)

Parent topic: Projector Part Locations
Setting Up the Projector

Follow the instructions in these sections to set up your projector for use.

Projector Placement
Projector Connections
Attaching and Removing the Lens Unit
Attaching and Removing the Cable Cover
Attaching and Removing the Cable Clips
Installing Batteries in the Remote Control

Projector Placement

You can place the projector on almost any flat surface to project an image.

You can also install the projector in a ceiling mount if you want to use it in a fixed location.

Keep these considerations in mind as you select a projector location:

• Place the projector on a sturdy, level surface or install it using a compatible mount.
• Leave plenty of space around and under the projector for ventilation, and do not place it on top of or next to anything that could block the vents.
• Position the projector within reach of a grounded electrical outlet or extension cord.

Projector Setup and Installation Options

Parent topic: Setting Up the Projector

Projector Setup and Installation Options

You can set up or install your projector in the following ways:
Note: Be sure to leave at least 20 inches (50 cm) of space in front of the air exhaust and intake vents and, when setting up multiple projectors, 20 inches (50 cm) of space between the projectors.

If you mount the projector to the ceiling, it can be installed at the following angles:

- **Vertically**: Any angle in a complete 360 degree circle.
• **Horizontally**: Within the adjustment range of the rear adjustable feet.

If you project from the ceiling or from the rear, be sure to select the correct **Projection** setting and if necessary, turn on the **Inv Direction Button** setting. If the projector is installed at an angle, be sure to select the **Direction** setting.

**Note**: An incorrect **Direction** setting may shorten the lamp life.

**Parent topic**: Projector Placement

**Related references**

- Projector Setup Settings - Extended Menu

**Projection Distance**

The distance at which you place the projector from the screen determines the approximate size of the image. The image size increases the farther the projector is from the screen, but can vary depending on the zoom factor, aspect ratio, and other settings.

Use the tables here to determine approximately how far to place the projector from the screen based on the size of the projected image. (Conversion figures may have been rounded up or down.) You can also use the projector **Throw Distance Calculator** at epson.com/support (U.S.) or epson.ca/support (Canada).
**PowerLite Pro G6150/G6800**

*Standard Zoom Lens - 4:3 Aspect Ratio*

<table>
<thead>
<tr>
<th>Screen or image size</th>
<th>Projection distance Wide to Tele</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 50 inches</td>
<td>51 to 94 inches (130 to 238 cm)</td>
</tr>
<tr>
<td>2 80 inches</td>
<td>83 to 151 inches (211 to 383 cm)</td>
</tr>
<tr>
<td>3 100 inches</td>
<td>104 to 189 inches (265 to 479 cm)</td>
</tr>
<tr>
<td>4 150 inches</td>
<td>157 to 284 inches (400 to 721 cm)</td>
</tr>
</tbody>
</table>

**PowerLite Pro G6050W/6450WU/G6550WU/G6750WU/G6900WU**

*Standard Zoom Lens - 16:10 Aspect Ratio*

<table>
<thead>
<tr>
<th>Screen or image size</th>
<th>Projection distance Wide to Tele</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 50 inches</td>
<td>53 to 97 inches (135 to 247 cm)</td>
</tr>
<tr>
<td>2 80 inches</td>
<td>86 to 156 inches (219 to 397 cm)</td>
</tr>
<tr>
<td>3 100 inches</td>
<td>108 to 196 inches (275 to 498 cm)</td>
</tr>
<tr>
<td>4 150 inches</td>
<td>164 to 295 inches (416 to 748 cm)</td>
</tr>
</tbody>
</table>
Projector Connections

You can connect the projector to a variety of computer, video, and audio sources to display presentations, movies, or other images, with or without sound.

- Connect any type of computer that has a standard video output (monitor) port, DisplayPort, or HDMI port.
- For video projection, connect devices such as DVD players, gaming consoles, digital cameras, tablets, and smartphones with compatible video output ports.
- If your presentation or video includes sound, you can connect audio input cables, if necessary.

**Caution:** If you will use the projector at altitudes above 4921 feet (1500 m), turn on **High Altitude Mode** to ensure the projector's internal temperature is regulated properly.

**Connecting to Computer Sources**
**Connecting to Video Sources**
**Connecting to an HDBaseT Transmitter**
**Connecting to an External Computer Monitor**
**Connecting to External Speakers**

**Parent topic:** Setting Up the Projector

**Related references**
Projector Setup Settings - Extended Menu
Product Box Contents

**Connecting to Computer Sources**

Follow the instructions in these sections to connect a computer to the projector.

- Connecting to a Computer for VGA Video
- Connecting to a Computer for HDMI Video and Audio
- Connecting to a Computer for DisplayPort Video and Audio
- Connecting to a Computer for 5 BNC Video
- Connecting to a Computer for Sound

**Parent topic:** Projector Connections
Connecting to a Computer for VGA Video

You can connect the projector to your computer using a VGA computer cable.

Note: To connect a Mac that includes only a Mini DisplayPort, Thunderbolt port, or Mini-DVI port for video output, you need to obtain an adapter that allows you to connect to the projector's VGA video port. Contact Apple for compatible adapter options.

1. If necessary, disconnect your computer's monitor cable.
2. Connect the VGA computer cable to your computer's monitor port.
3. Connect the other end to a Computer port on the projector.
4. Tighten the screws on the VGA connector.

Parent topic: Connecting to Computer Sources

Related tasks
Connecting to a Computer for Sound

Connecting to a Computer for HDMI Video and Audio

If your computer has an HDMI port, you can connect it to the projector using an optional HDMI cable.

Note: To connect a Mac that includes only a Mini DisplayPort, Thunderbolt port, or Mini-DVI port for video output, you need to obtain an adapter that allows you to connect to the projector's HDMI port. Contact Apple for compatible adapter options. Older Mac computers (2009 and earlier) may not support audio through the HDMI port.

1. Connect the HDMI cable to your computer's HDMI output port.
2. Connect the other end to the projector's HDMI port.

Note: If you have problems hearing audio through the HDMI connection, you can use the Audio3 port instead to play sound. Connect one end of an optional 3.5 mm stereo mini-jack audio cable to the projector's Audio3 port and the other end to your computer's audio out port. Then select Audio3 for the HDMI Audio Output setting in the Extended menu.

Parent topic: Connecting to Computer Sources

Related tasks
Attaching and Removing the Cable Clips

Connecting to a Computer for DisplayPort Video and Audio

If your computer has a DisplayPort or Mini DisplayPort connector, you can connect it to the projector using an optional DisplayPort cable.

1. Connect the DisplayPort cable to your computer's DisplayPort or Mini DisplayPort connector.
2. Connect the other end to the projector's DisplayPort connector.

Note: If you have problems hearing audio through the DisplayPort connection, you can use the Audio3 port instead to play sound. Connect one end of an optional 3.5 mm stereo mini-jack audio cable to the projector’s Audio3 port and the other end to your computer’s audio out port. Then select Audio3 for the DisplayPort Audio Output setting in the Extended menu.
Connecting to a Computer for 5 BNC Video

You can connect the projector to your computer using an optional VGA-to-5-BNC cable.

1. Connect the VGA connector to your computer's monitor port.
2. Connect the 5 BNC connectors to the projector's **BNC** ports.

Parent topic: Connecting to Computer Sources

Related tasks

Connecting to a Computer for Sound

Connecting to a Computer for Sound

If your computer presentation includes sound and you did not connect it to the projector's **DisplayPort** or **HDMI** port, you can still play sound through the projector's speaker system (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU). Just connect an optional 3.5 mm stereo mini-jack audio cable as described here.

**Note:** If your projector does not have an internal speaker system (PowerLite Pro G6800/G6900WU), you can play sound by connecting external speakers to the projector.

1. Connect the audio cable to your laptop's headphone or audio-out jack, or your desktop's speaker or audio-out port.
2. Connect the other end to the Audio port that corresponds to the Computer or BNC ports you are using.

Parent topic: Connecting to Computer Sources
Related tasks
Connecting to an External Computer Monitor

Connecting to Video Sources
Follow the instructions in these sections to connect video devices to the projector.
- Connecting to an HDMI Video Source
- Connecting to a Component-to-BNC Video Source
- Connecting to a Component-to-VGA Video Source
- Connecting to an S-Video Video Source
- Connecting to a Composite Video Source
- Connecting to an SDI Video Source
- Connecting to a Video Source for Sound
Parent topic: Projector Connections

Connecting to an HDMI Video Source
If your video source has an HDMI port, you can connect it to the projector using an optional HDMI cable. The HDMI connection provides the best image quality.

1. Connect the HDMI cable to your video source’s HDMI output port.
2. Connect the other end to the projector's **HDMI** port.

![Diagram](image)

**Note:** If you have problems hearing audio through the HDMI connection, you can use the **Audio3** port instead to play sound. Connect one end of an optional 3.5 mm stereo mini-jack audio cable to the projector's **Audio3** port and the other end to your computer's audio out port. Then select **Audio3** for the **HDMI Audio Output** setting in the Extended menu.

**Parent topic:** Connecting to Video Sources

**Related tasks**

- Attaching and Removing the Cable Clips
- Connecting to a Component-to-BNC Video Source

### Connecting to a Component-to-BNC Video Source

If your video source has component video ports, you can connect it to the projector using an optional component-to-BNC video cable. Depending on your component ports, you may need to use an adapter cable along with a component video cable.

1. Connect the component connectors to your video source’s color-coded component video output ports, usually labeled **Y**, **Pb**, **Pr** or **Y**, **Cb**, **Cr**. If you are using an adapter, connect these connectors to your component video cable.

2. Connect the BNC connectors to the projector’s **R/Cr/Pr**, **G/Y**, **B/Cb/Pb** ports.

![Diagram](image)

**Parent topic:** Connecting to Video Sources
Connecting to a Component-to-VGA Video Source

If your video source has component video ports, you can connect it to the projector using an optional component-to-VGA video cable. Depending on your component ports, you may need to use an adapter cable along with a component video cable.

1. Connect the component connectors to your video source’s color-coded component video output ports, usually labeled Y, Pb, Pr or Y, Cb, Cr. If you are using an adapter, connect these connectors to your component video cable.

2. Connect the VGA connector to a Computer port on the projector.

3. Tighten the screws on the VGA connector.

If your image colors appear incorrect, you may need to change the Input Signal setting in the projector’s Signal menu.

Parent topic: Connecting to Video Sources

Related references
Input Signal Settings - Signal Menu

Related tasks
Connecting to a Video Source for Sound

Connecting to an S-Video Video Source

If your video source has an S-Video port, you can connect it to the projector using an optional S-Video cable.

1. Connect the S-Video cable to your video source’s S-Video output port.
2. Connect the other end to the projector's S-Video port.

Parent topic: Connecting to Video Sources

Related tasks
Connecting to a Video Source for Sound

Connecting to a Composite Video Source

If your video source has a composite video port, you can connect it to the projector using an optional RCA-style video or A/V cable.

1. Connect the cable with the yellow connector to your video source’s yellow video output port.
2. Connect the other end to the projector’s Video port.

Parent topic: Connecting to Video Sources

Related tasks
Connecting to a Video Source for Sound

Connecting to an SDI Video Source

If your video source has an SDI port, you can connect it to the projector using an optional BNC video cable (PowerLite Pro G6900WU).

1. Connect the BNC cable to your video source’s SDI output port.
2. Connect the other end to the projector's SDI port.

Parent topic: Connecting to Video Sources

Connecting to a Video Source for Sound

You can play sound through the projector's speaker system if your video source has audio output ports (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU).

Note: If your projector does not have an internal speaker system (PowerLite Pro G6800/G6900WU), you can play sound by connecting external speakers to the projector.

If you are projecting video using the Computer or BNC ports, connect the projector to the video source using an optional stereo 3.5 mm mini-jack audio cable.

If you are projecting video using the Video or S-Video port, connect the projector to the video source using an RCA audio cable.

Note: If you connected your video source to the projector using an HDMI cable, the audio signal is transferred with the video signal; you do not need an additional cable for sound. If you connected to the projector's SDI port (PowerLite Pro G6900WU), audio output is not supported.

1. Connect the audio cable to your video source’s audio-out ports.
2. Do one of the following:
   - Connect the other end of the cable to the projector's Audio port that corresponds to the Computer or BNC port you are using for video.
• Connect the red and white plugs on the other end of the cable to the projector's Audio L-R ports.

Parent topic: Connecting to Video Sources

Related tasks
Connecting to an External Computer Monitor

Connecting to an HDBaseT Transmitter

To send an HDMI or RS-232C signal over a long distance, you can connect the projector to an optional HDBaseT transmitter using a 100Base-TX network cable (PowerLite Pro G6750WU/G6800/G6900WU). This is useful when you want to send a signal to or control the projector from a remote location, such as in a hall or event site, since you can use a network cable up to 328 feet (100 m) in length. To ensure proper data transmission, use a Category 5e STP cable or better.

1. Turn off the projector and HDBaseT transmitter.

   Note: Make sure the projector and HDBaseT transmitter are turned off when connecting or disconnecting a network cable between the two devices.

2. Connect one end of the network cable to the HDBaseT port on the transmitter.
3. Connect the other end to the projector's HDBaseT port.
See the documentation that came with the HDBaseT transmitter for instructions on connecting it to your video device or computer.

**Note:** To enable communication from the Ethernet and serial ports on the transmitter, select **On** for the **Control Communications** setting in the projector’s Extended menu. Turning this setting on disables the projector’s **LAN**, **RS-232C**, and **Remote** ports.

**Parent topic:** Projector Connections

**Related references**

Projector Setup Settings - Extended Menu

---

**Connecting to an External Computer Monitor**

If you connected the projector to a computer using a **Computer** or **BNC** port, you can also connect an external monitor to the projector. This lets you see your presentation on the external monitor even when the projected image is not visible.

If you want to output images to an external monitor when the projector is turned off, you need to select **Communication On** for the **Standby Mode** setting and **Always On** for the **A/V Output** setting in the projector’s Extended menu.

**Note:** Monitors that use a refresh rate less than 60 Hz may not be able to display images correctly.

1. Make sure your computer is connected to the projector’s **Computer** or **BNC** port. If there are two computer ports, make sure you use the **Computer1** port.
2. Connect the external monitor’s cable to your projector’s **Monitor Out** port.

**Note:** If you do not see an image on the external monitor, you may need to change the **Monitor Out** setting in the projector’s Extended menu.

**Parent topic:** Projector Connections
Connecting to External Speakers

To enhance the sound from your presentation, you can connect the projector to external self-powered speakers. You can control the volume using the projector’s remote control.

**Note:** You can also connect the projector to an amplifier with speakers.

If you want to output audio from the external speakers when the projector is turned off, you need to select **Communication On** for the **Standby Mode** setting and **Always On** for the **A/V Output** setting in the projector’s Extended menu.

**Note:** The projector’s built-in speaker system (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU) is disabled when you connect external speakers.

1. Make sure your computer or video source is connected to the projector with both audio and video cables as necessary.
2. Locate the appropriate cable to connect your external speakers, such as a stereo mini-jack-to-pin-jack cable, or another type of cable or adapter.
3. Connect one end of the cable to your external speakers as necessary.
4. Connect the stereo mini-jack end of the cable to your projector’s **Audio Out** port.
Attaching and Removing the Lens Unit

Follow the instructions in these sections to attach or remove the lens unit.

Attaching the Lens Unit
Removing the Lens Unit

Parent topic: Setting Up the Projector

Attaching the Lens Unit

You can attach a compatible lens to the projector.

Note: Make sure the front of the projector is not facing up while the lens unit is removed to help prevent dirt or dust from entering the projector. Be sure to attach a compatible lens only.

Caution: Avoid touching the lens with your bare hands to prevent fingerprints on or damage to the lens surface.

1. Turn the focus ring as shown until it stops.

Note: If the projector is installed at an angle of ± 35 to 150°, tighten the lens torque ring but not too tightly. Over tightening the torque ring can cause it to not function properly.
1. Tighten
2. Loosen

2. Hold the lens unit with the white dot facing up. Insert the lens unit straight into the projector's lens socket and turn it clockwise until you hear it click into place.
3. Insert the screw that came with the projector or the lens unit, and tighten it. This secures the lens unit and prevents it from accidentally being removed.

Parent topic: Attaching and Removing the Lens Unit

Removing the Lens Unit

You can remove the lens unit to replace it with a different lens.

Caution: Remove the lens unit only when necessary to prevent dirt or dust from entering the projector and lowering the projection quality. Avoid touching the lens with your bare hands to prevent fingerprints on or damage to the lens surface.

1. Center the lens using lens shift.
2. Remove the screw securing the lens unit release button.

3. Press and hold the lens unit release button as you turn the lens unit counterclockwise until you hear it click.

4. Gently pull the lens unit straight out.
Attaching and Removing the Cable Cover

You can attach the cable cover that came with your projector to hide the attached cables from view.

1. Bundle the cables together using a band or other fastener (not provided).

2. Place the cable cover on the projector as shown, guiding the cables through the notch on the base of the cable cover.
3. Tighten both cable cover screws.

To remove the cover, loosen both screws and take the cover off of the projector.

Parent topic: Setting Up the Projector

Attaching and Removing the Cable Clips

You can install the cable clips that came with your projector to provide additional support to the power and HDMI cables.

Note: The PowerLite Pro G6050W, G6150, G6450WU, G6550WU, and G6750WU models come with one cable clip to use with the HDMI cable.

1. Plug in the power and HDMI cables.
2. Insert the end of the cable clip anchors into the cable clip slots near the power inlet and **HDMI** port.

3. Place the open cable clips around the power and HDMI cables, but don't lock them into place.

4. Slide each cable clip onto the anchors and lock the clips onto the power and HDMI connectors as shown.

To remove the cable clips, open the clips and disconnect the cables. Then pinch the sides of each cable clip anchor and carefully pull them out of the cable clip slots.

**Parent topic:** Setting Up the Projector

**Related tasks**

Connecting to a Computer for HDMI Video and Audio
Connecting to an HDMI Video Source

**Installing Batteries in the Remote Control**

The remote control uses the two AA batteries that came with the projector.
Caution: Use only the type of batteries specified in this manual. Do not install batteries of different types, or mix new and old batteries.

1. Open the battery cover.

2. Insert the batteries with the + and – ends facing as shown.
3. Close the battery cover and press it down until it clicks into place.

Warning: Dispose of used batteries according to local regulations. Do not expose batteries to heat or flame. Keep batteries out of the reach of children; they are choking hazards and are very dangerous if swallowed.

Parent topic: Setting Up the Projector
Using the Projector on a Network

Follow the instructions in these sections to set up your projector for use on a network.

- Wired Network Projection
- Wireless Network Projection
- Registering a Digital Certificate on the Projector
- Setting Up Projector Network E-Mail Alerts
- Setting Up Monitoring Using SNMP
- Controlling a Networked Projector Using a Web Browser
- Crestron RoomView Support

Wired Network Projection

You can send images to your projector through a wired network (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU). To do this, you connect the projector to your network, and then set up your projector and computer for network projection.

After connecting and setting up the projector as described here, install the network software from the Epson Projector Software CD-ROM or download the software as necessary. Use the following software and documentation to set up, control, and monitor network projection:


- EasyMP Monitor software (Windows only) lets you monitor and control your projector through the network. You can download the latest software and documentation from the Epson web site. Go to epson.com/support (U.S.) or epson.ca/support (Canada) and select your projector.

- EasyMP Multi PC Projection software allows you to hold interactive meetings by projecting the computer screens of users over a network. See the EasyMP Multi PC Projection Operation Guide for instructions (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU).

- EasyMP Network Updater software (Windows only) allows you to update firmware for a projector over a wired LAN. See the EasyMP Network Updater Operation Guide for instructions. You can download the latest software and documentation from the Epson web site. Go to epson.com/support (U.S.) or epson.ca/support (Canada) and select your projector.

**Note:** If your projector is connected via a LAN cable to a network that includes a wireless access point, you can connect to the projector wirelessly through the access point using the EasyMP Network Projection software (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU).
Connecting to a Wired Network
Selecting Wired Network Settings

Parent topic: Using the Projector on a Network

Connecting to a Wired Network

To connect the projector to a wired local area network (LAN), use a 100Base-TX or 10Base-T network cable. To ensure proper data transmission, use a Category 5e shielded cable or better.

1. Connect one end of the network cable to your network hub, switch, or router.
2. Connect the other end of the cable to the projector’s LAN port.

Parent topic: Wired Network Projection

Selecting Wired Network Settings

Before you can project from computers on your network, you must select the network settings for the projector using its menu system.

Note: Make sure you already connected the projector to your wired network using the LAN port.

1. Turn on the projector.
2. Press the Menu button.
3. Select the **Network** menu and press **Enter**.

4. Select **Network Configuration** and press **Enter**.

5. Select the **Basic** menu and press **Enter**.
6. Select the following basic options as necessary:
   - **Projector Name** lets you enter a name up to 16 alphanumeric characters long to identify the projector over the network.
   - **Web Remote Password** (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU) or **Web Control Password** (PowerLite Pro G6800/G6900WU) lets you enter a password up to 8 alphanumeric characters long for accessing the projector over the web. (Default user name is EPSONWEB; default password is admin.)
   - **Projector Keyword** (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU) lets you turn on a security password to prevent access to the projector by anyone not in the room with it. You must enter a displayed, randomized keyword from a computer using the EasyMP Network Projection software to access the projector.

   **Note:** Use the displayed keyboard to enter the name, passwords and keyword. Press the arrow buttons on the remote control to highlight characters and press **Enter** to select them.

7. Select the **Wired LAN** menu and press **Enter**.

![Network settings menu](image)

8. Select your IP Settings as necessary:
   - If your network assigns addresses automatically, turn on the **DHCP** setting.
• If you must set addresses manually, turn off **DHCP** and enter the projector’s **IP Address**, **Subnet Mask**, and **Gateway Address** as needed.

**Note:** To highlight the numbers you want from the displayed keyboard, press the arrow buttons on the remote control. To select a highlighted number, press **Enter**.

9. To prevent display of the IP address on the standby screen, turn off **IP Address Display**.

10. When you finish selecting settings, select **Setup complete** and follow the on-screen instructions to save your settings and exit the menus.

**Parent topic:** Wired Network Projection

## Wireless Network Projection

You can send images to your projector through a wireless network (PowerLite Pro G6050W/G6150/G6450WU/G6500WU/G6750WU). To do this, you must install the optional Epson 802.11b/g/n wireless LAN module, and then set up your projector and computer for wireless projection.

**Note:** If your projector is connected via a LAN cable to a network that includes a wireless access point, you can connect to the projector wirelessly through the access point using the EasyMP Network Projection software without the need for the optional wireless module.

After installing the module and setting up the projector, install the network software from the **Epson Projector Software CD** or download the software, as necessary. Use the following software and documentation to set up, control, and monitor wireless projection:

- **EasyMP Network Projection software** sets up your computer for wireless network projection. See the **EasyMP Network Projection Operation Guide** for instructions.
- **EasyMP Monitor software** (Windows only) lets you monitor and control your projector through the network. You can download the latest software and documentation from the Epson web site. Go to [epson.com/support](http://epson.com/support) (U.S.) or [epson.ca/support](http://epson.ca/support) (Canada) and select your projector.
- **EasyMP Multi PC Projection software** allows you to hold interactive meetings by projecting the computer screens of users over a network. See the **EasyMP Multi PC Projection Operation Guide** for instructions.

**Installing the Wireless LAN Module**

**Using Quick Wireless Connection (Windows Only)**

**Selecting Wireless Network Settings Manually**

**Selecting Wireless Network Settings in Windows**

**Selecting Wireless Network Settings in Mac OS X**

56
Enabling WPA or EAP Security

Parent topic: Using the Projector on a Network

Related references
Optional Equipment and Replacement Parts

Installing the Wireless LAN Module

To use the projector over a wireless network, install the Epson 802.11b/g/n wireless LAN module (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU). Do not install any other type of wireless LAN module.

Caution: Never remove the module while its indicator light is green or flashing, or while you are projecting wirelessly. You may damage the module or lose data.

1. Turn off the projector and unplug the power cord.
2. Slide the air filter cover latch and open the air filter cover.
3. Remove the screw securing the wireless LAN module stopper, then remove the stopper.

4. Insert the wireless LAN module into the port.
5. Replace the wireless LAN module stopper and secure it using the screw you removed.

6. Close the air filter cover.
7. Plug in and turn on the projector.

**Parent topic:** Wireless Network Projection

**Related references**

Optional Equipment and Replacement Parts

**Using Quick Wireless Connection (Windows Only)**

You can use the Quick Wireless Connection USB key to quickly connect your computer to the projector wirelessly (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU). Then you can project your presentation and remove the key when you are done.

**Note:** Make sure the wireless LAN module is installed.

1. Turn on the projector.
2. Press the **LAN** button on the remote control.
   You see a screen like this:
3. Verify that an SSID and IP address are displayed, then remove the wireless LAN module from the projector.

4. Insert the Quick Wireless Connection USB key into the same port used for the wireless LAN module.

You see a projected message that the network information update is complete.

5. Remove the USB key.

6. Reinsert the wireless LAN module into the projector.

7. Now connect the USB key to a USB port on your computer or notebook.

**Note:** In Windows Vista, if you see the AutoPlay window, select Run LaunchQWRD.exe, then select Allow on the next screen.
8. Follow the on-screen instructions to install the Quick Wireless Connection driver.

   **Note:** If you see a Windows Firewall message, click **Yes** to disable the firewall for this application.

After a few minutes, your computer image is displayed by the projector. If it does not appear, press the **LAN** button on your projector remote control or restart your computer.

9. Run your presentation as necessary.

10. When you finish projecting wirelessly, select the **Safely Remove Hardware** option in the Windows taskbar, then remove the USB key from your computer.

   **Note:** You may need to restart your computer to reactivate your wireless LAN connection.

**Parent topic:** Wireless Network Projection

**Selecting Wireless Network Settings Manually**

Before you can project from your wireless network, you must select the network settings for the projector using its menu system.

1. Turn on the projector.
2. Press the **Menu** button.
3. Select the **Network** menu and press **Enter**.

![Network menu screenshot](Image)
4. Select **Network Configuration** and press **Enter**.

5. Select the **Basic** menu and press **Enter**.

![Network settings menu](image)

6. Select the following basic options as necessary:
   - **Projector Name** lets you enter a name up to 16 alphanumeric characters long to identify the projector over the network.
   - **Web Remote Password** lets you enter a password up to 8 alphanumeric characters long for accessing the projector over the web. (Default user name is **EPSONWEB**; default password is **admin**.)
   - **Projector Keyword** lets you turn on a security password to prevent access to the projector by anyone not in the room with it. You must enter a displayed, randomized keyword from a computer using the EasyMP Network Projection software to access the projector.

**Note:** Use the displayed keyboard to enter the name, passwords and keyword. Press the arrow buttons on the remote control to highlight characters and press **Enter** to select them.
7. Select the **Wireless LAN** menu and press **Enter**.

8. Select the settings on the Wireless LAN menu as necessary for your network.

9. When you finish selecting settings, select **Setup complete** and follow the on-screen instructions to save your settings and exit the menus.

After you complete the wireless settings for your projector, you need to select the wireless network on your computer.

**Wireless LAN Menu Settings**

**Parent topic:** [Wireless Network Projection](#)

**Wireless LAN Menu Settings**

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless LAN Power</td>
<td>On</td>
<td>Turns wireless LAN support on and off</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td></td>
</tr>
<tr>
<td>Wi-Fi Protected Setup</td>
<td>To Setup Wizard</td>
<td>Select <strong>To Setup Wizard</strong> to start the WPS Connection Setup utility</td>
</tr>
<tr>
<td>Wireless LAN System</td>
<td>802.11b/g</td>
<td>Sets the type of wireless LAN system the projector is connecting to</td>
</tr>
<tr>
<td></td>
<td>802.11b/g/n</td>
<td></td>
</tr>
<tr>
<td>Setting</td>
<td>Options</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Connection Mode</td>
<td>Quick, Advanced</td>
<td>Selects the type of wireless connection:</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Quick</strong>: lets you quickly connect to one computer or use the optional Quick Wireless Connection USB key to connect.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Advanced</strong>: lets you connect to multiple computers via a wireless network access point.</td>
</tr>
<tr>
<td>SSID Auto Setting</td>
<td>On, Off</td>
<td>Turns on automatic SSID searching in <strong>Quick</strong> connection mode; set to <strong>Off</strong> when connecting to multiple projectors at the same time.</td>
</tr>
<tr>
<td>SSID</td>
<td>Up 32 alphanumeric characters</td>
<td>Sets the SSID (network name) of the wireless LAN system the projector is connecting to.</td>
</tr>
<tr>
<td>Search Access Point</td>
<td>To Search View</td>
<td>Search for available wireless network access points in <strong>Advanced</strong> connection mode.</td>
</tr>
<tr>
<td>Channel</td>
<td>1ch, 6ch, 11ch</td>
<td>In <strong>Quick</strong> connection mode, selects the frequency band (channel) used by the wireless LAN.</td>
</tr>
<tr>
<td>SSID Display</td>
<td>On, Off</td>
<td>Selects whether to display the SSID on the network standby screen.</td>
</tr>
<tr>
<td>DHCP</td>
<td>On, Off</td>
<td>Turns on DHCP if your network assigns addresses automatically; set to <strong>Off</strong> to manually enter the network's <strong>IP Address</strong>, <strong>Subnet Mask</strong>, and <strong>Gateway Address</strong>.</td>
</tr>
<tr>
<td>IP Address</td>
<td>—</td>
<td>View or change the projector's IP address.</td>
</tr>
</tbody>
</table>
### Setting Options Description

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subnet Mask</td>
<td>—</td>
<td>View or change the projector's Subnet Mask</td>
</tr>
<tr>
<td>Gateway Address</td>
<td>—</td>
<td>View or change the IP address for the projector's gateway</td>
</tr>
<tr>
<td>IP Address Display</td>
<td>On, Off</td>
<td>Selects whether to display the IP address on the network standby screen</td>
</tr>
</tbody>
</table>

Parent topic: Selecting Wireless Network Settings Manually

## Selecting Wireless Network Settings in Windows

Before connecting to the projector, select the correct wireless network on your computer.

1. To access your wireless utility software, double-click the network icon on the Windows taskbar.
2. Do one of the following:
   - If your projector is set up on an existing network (Advanced mode), select the network name (SSID).
   - If your projector is configured for Quick mode, select the projector's SSID.
3. Click Connect.

Parent topic: Wireless Network Projection

## Selecting Wireless Network Settings in Mac OS X

Before connecting to the projector, select the correct wireless network in Mac OS X.

1. Click the AirPort icon on the menu bar at the top of the screen.
2. Make sure AirPort is turned on, then do one of the following:
   - If your projector is set up on an existing network (Advanced mode), select the network name (SSID).
   - If your projector is configured for Quick mode, select the projector's SSID.

Parent topic: Wireless Network Projection
Enabling WPA or EAP Security

Set up the WPA or EAP security settings to match your network's settings. Check with your network administrator for guidance on entering the correct information.

1. Turn on the projector.
2. Press the Menu button.
3. Select the Network menu and press Enter.
4. Select Network Configuration and press Enter.
5. Select the **Security** menu and press **Enter**.

![Network settings menu]

6. Select a **WPA** or **EAP** setting from the drop-down menu.

7. Select the settings on the security menu as necessary for your network.

8. When you finish selecting settings, select **Setup complete** and follow the on-screen instructions to save your settings and exit the menus.

**Wireless Security Menu Settings**

**Parent topic:** Wireless Network Projection

**Wireless Security Menu Settings**

Settings on the Security menu let you select the type of security and security settings that match the network you are connecting the projector to.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Security</td>
<td>Open, WPA/WPA2-PSK, WPA/WPA2-EAP</td>
<td>Selects the type of security used on the wireless network</td>
</tr>
<tr>
<td>Setting</td>
<td>Options</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Passphrase</td>
<td>Various passphrases from 8 to 32 characters</td>
<td>For WPA/WPA2-PSK security, selects the pre-shared passphrase used on the network</td>
</tr>
<tr>
<td>EAP Method</td>
<td>PEAP, PEAP-TLS, EAP-TLS, EAP-Fast, LEAP</td>
<td>For WPA/WPA2-EAP security, selects the protocol for authentication</td>
</tr>
<tr>
<td>User name</td>
<td>Various user names up to 32 characters</td>
<td>For WPA/WPA2-EAP security, selects the user name; automatically detected when using the PEAP-TLS or EAP-TLS EAP methods</td>
</tr>
<tr>
<td>Password</td>
<td>Various passwords up to 32 characters</td>
<td>For WPA/WPA2-EAP security, selects the password for EAP authentication</td>
</tr>
<tr>
<td>Client Certificate</td>
<td>—</td>
<td>For WPA/WPA2-EAP security, displays the certificate's Issued to, Issued by, and Validity period if a client certificate has been set</td>
</tr>
<tr>
<td>Verify Server Certificate</td>
<td>On, Off</td>
<td>For WPA/WPA2-EAP security, selects whether to verify the server certificate when a CA certificate has been set</td>
</tr>
<tr>
<td>CA certificate</td>
<td>—</td>
<td>For WPA/WPA2-EAP security, displays the certificate's Issued to, Issued by, and Validity period if a CA certificate has been set</td>
</tr>
<tr>
<td>Setting RADIUS Server Name</td>
<td>On, Off</td>
<td>For WPA/WPA2-EAP security, selects whether to verify the authentication server name during certificate verification</td>
</tr>
</tbody>
</table>
### Registering a Digital Certificate on the Projector

Follow the instructions here if you need to install a digital certificate on the projector to provide security for your presentation files (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU).

**Note:** You can register a digital certificate over a network. However, be sure to register just once or the certificate may not install correctly.

#### Secure HTTP

You can use the HTTPS protocol to increase security between the projector and a web browser communicating with it. To do this, you create a server certificate, install it on the projector, and turn on the Secure HTTP setting in the projector menus to verify the reliability of the web browser.

Even if you do not install a server certificate, the projector automatically creates a self-signed certificate and allows communication. However, because the self-signed certificate cannot verify reliability from a web browser, you see a warning about the server’s reliability when you access the projector from a web browser. This warning does not prevent communication.

**Parent topic:** Registering a Digital Certificate on the Projector

#### Registering Digital Certificates from a Web Browser

You can register the digital certificates on the projector for wireless LAN authentication.

1. Make sure your digital certificate file is compatible with projector registration.

---

**Table: Setting Options Description**

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADIUS Server Name</td>
<td>Various server names up to 32 characters</td>
<td>For WPA/WPA2-EAP security, selects the server name to verify</td>
</tr>
<tr>
<td>Verify Exp. date of Server Cert.</td>
<td>On</td>
<td>For WPA/WPA2-EAP security, selects whether to verify the server certificate's validity period during certificate verification</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td></td>
</tr>
</tbody>
</table>
2. Make sure the projector is turned on.
3. Start your web browser on a computer connected to the network.
4. Type the projector's IP address into the browser's address box and press the computer's Enter key.
   You see the Web Control screen and a prompt to enter a user ID and password.
5. Enter the following information in uppercase or lowercase letters, exactly as shown:
   • For the user ID, enter EPSONWEB. (You cannot change the user ID.)
   • For the password, enter the default password admin. (You can change the Web Control password using the projector's Network menu.)
6. Under Network, select the Administrator Settings option and select Manage Certificates.
   You see a screen like this:

```
7. Click the Browse button, select the certificate file, and click Open.
8. Enter a password in the Password box.
9. Click Set to adjust the certificate validity period.
```
10. When you finish registering the certificate, click **Apply** to finalize your changes and complete the registration.

**Digital Certificate Types for Registration via Web Control**

**Parent topic:** Registering a Digital Certificate on the Projector

**Digital Certificate Types for Registration via Web Control**

You can register these types of digital certificates using the projector's Web Control feature.

**Client Certificate (PEAP-TLS/EAP-TLS)**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
<td>PKCS#12</td>
</tr>
<tr>
<td>Extension</td>
<td>PKCS, P12</td>
</tr>
<tr>
<td>Encryption</td>
<td>RSA</td>
</tr>
<tr>
<td>Hashes</td>
<td>MD5/SHA-1/SHA-256/SHA-384/SHA-512</td>
</tr>
<tr>
<td>Key length</td>
<td>512/1024/2048/4096 bit</td>
</tr>
<tr>
<td>Password</td>
<td>Up to 32 alphanumeric characters; required</td>
</tr>
</tbody>
</table>

**Server Certificate (PEAP/PEAP-TLS/EAP-TLS/EAP-Fast)**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
<td>X509v3</td>
</tr>
<tr>
<td>Extension</td>
<td>DER/CER/PEM</td>
</tr>
<tr>
<td>Encryption</td>
<td>RSA</td>
</tr>
<tr>
<td>Hashes</td>
<td>MD5/SHA-1/SHA-256/SHA-384/SHA-512</td>
</tr>
<tr>
<td>Key length</td>
<td>512/1024/2048/4096 bit</td>
</tr>
<tr>
<td>Encoding</td>
<td>BASE64/Binary</td>
</tr>
</tbody>
</table>

**Web Server Certificate (Secure HTTP)**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
<td>PKCS#12</td>
</tr>
<tr>
<td>Specification</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Extension</td>
<td>PKCS, P12</td>
</tr>
<tr>
<td>Encryption</td>
<td>RSA</td>
</tr>
<tr>
<td>Hashes</td>
<td>MD5/SHA-1/SHA-256/SHA-384/SHA-512</td>
</tr>
<tr>
<td>Key length</td>
<td>512/1024/2048/4096 bit</td>
</tr>
<tr>
<td>Common name</td>
<td>Network host name</td>
</tr>
<tr>
<td>Organization</td>
<td>Optional</td>
</tr>
<tr>
<td>Password</td>
<td>Up to 32 alphanumerical characters; required</td>
</tr>
</tbody>
</table>

Parent topic: Registering Digital Certificates from a Web Browser

**Setting Up Projector Network E-Mail Alerts**

You can set up the projector to send you an e-mail alert over the network if there is a problem with the projector.

1. Press the **Menu** button.
2. Select the **Network** menu and press **Enter**.
3. Select **Network Configuration** and press **Enter**.
4. Do one of the following:
   - Select the **Mail** menu and press **Enter**. Turn on **Mail Notification**.
   - Select the **Administrator Settings** menu and press **Enter**, then select **Mail Notification** and press **Enter**. Turn on **Mail Notification**.

PowerLite Pro G6800/G6900WU
PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU

Network settings:
- Mail Notification: Off
- SMTP Server: 0. 0. 0. 0
- Port Number: 0
- Address 1 Setting
- Address 2 Setting
- Address 3 Setting

System Error
- Lamp Error
- High Temp Error
- High Temp Warning
- Replace Lamp
- No Signal
5. Enter the IP address for the **SMTP Server** option.

   **Note:** To enter the IP address using the numeric keys on the remote control, press and hold the **Num** button. Do not use these addresses: 127.x.x.x or 224.0.0.0 through 255.255.255.255 (where x is a number from 0 to 255).

6. Select a number for the SMTP server **Port Number**, from 1 to 65535 (default is 25).

7. Choose an **Address** or **Email Address** field, enter the e-mail address, and select the alerts you want to receive there. Repeat for up to three addresses.

   **Note:** Your e-mail address can be up to 32 alphanumeric characters long.

8. When you finish selecting settings, select **Complete** or **Setup complete** and follow the on-screen instructions to save your settings and exit the menus.

   **Note:** If a critical problem causes a projector to shut down, you may not receive an e-mail alert.

---

**Network Projector E-mail Alert Messages**

When a problem occurs with a networked projector, and you selected to receive e-mail alerts, you receive an e-mail containing the following information:

- **Epson Projector** on the subject line
- The name of the projector experiencing a problem
- The IP address of the affected projector
- Detailed information about the problem

**Note:** If a critical problem causes a projector to shut down, you may not receive an e-mail alert.
Setting Up Monitoring Using SNMP

Network administrators can install SNMP (Simple Network Management Protocol) software on network computers so they can monitor projectors. If your network uses this software, you can set up the projector for SNMP monitoring.

1. Press the Menu button.
2. Select the Network menu and press Enter.
4. Do one of the following:
   • Select the Others menu and press Enter.
   • Select the Administrator Setting menu and press Enter, then select the SNMP menu and press Enter.

PowerLite Pro G6800/G6900WU

PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU
5. Select the SNMP menu and press Enter (PowerLite G6050W/G6150/G6450WU/G6550WU/G6750WU).

6. Enter up to two IP addresses to receive SNMP notifications, using 0 to 255 for each address field.

   **Note:** To enter the IP address using the numeric keys on the remote control, press and hold the Num button. Do not use these addresses: 127.x.x.x or 224.0.0.0 through 255.255.255.255 (where x is a number from 0 to 255).

7. If your network environment uses an AMX controller, turn on the **AMX Device Discovery** setting to allow the projector to be detected (PowerLite Pro G6800/G6900WU).

8. If your network environment uses a Crestron RoomView controller, turn on the **Crestron RoomView** setting to allow the projector to be detected (PowerLite Pro G6800/G6900WU).

9. If you are connecting to a network using Bonjour, turn on the **Bonjour** setting (PowerLite Pro G6800/G6900WU).

10. If you want this projector to receive broadcasted messages over the network, turn on the **Message Broadcasting** setting. Administrators can broadcast messages over the network using the Message Broadcasting plug-in for EasyMP Monitor (PowerLite Pro G6800/G6900WU) (Windows only).

11. When you finish selecting settings, select **Complete** or **Setup complete** and follow the on-screen instructions to save your settings and exit the menus.
Controlling a Networked Projector Using a Web Browser

Once you have connected your projector to your network, you can select projector settings and control projection using a compatible web browser. This lets you access the projector remotely.

**Note:** The web setup and control features support Microsoft Internet Explorer 6.0 or later, and Safari on networks that do not use a proxy server for connection. You cannot select all of the projector menu settings or control all projector functions using a web browser.

**Note:** If you set Standby Mode to **Communication On**, you can use a web browser to select settings and control projection even if the projector is in standby mode.

1. Make sure the projector is turned on.
2. Start your web browser on a computer connected to the network.
3. Type the projector’s IP address into the browser’s address box and press the computer’s **Enter** key. You see the Web Control screen.
4. To select projector menu settings, select the name of the menu and follow the on-screen instructions to select settings.
5. To control projection remotely, select the **Web Remote** option. You see a screen like this:
1. Power on button control
2. Input source selection controls (some buttons may not be available depending on the model)
3. Freeze button control
4. A/V Mute button control
5. Page Up and Page Down button controls
6. Closed caption control
7. Volume button controls
8. Source search control
9. Standby button control

6. Select the icon corresponding to the projector function you want to control.

Parent topic: Using the Projector on a Network
Related references
Projector Setup Settings - Extended Menu
Crestron RoomView Support

If you are using the Crestron RoomView network monitoring and control system, you can set up your projector for use on the system. Crestron RoomView lets you control and monitor your projector using a web browser.

**Note:** You cannot use the Epson Web Control feature or the Message Broadcasting plug-in for EasyMP Monitor when you use Crestron RoomView.

For additional information on Crestron RoomView, contact Crestron.

Setting Up Crestron RoomView Support

To set up your projector for monitoring and control using a Crestron RoomView system, make sure your computer and projector are connected to the network.

**Note:** If you want to use the Crestron RoomView system when the projector is turned off, you need to adjust the **Standby Mode** settings in the Extended menu.

1. Press the **Menu** button.
2. Select the **Network** menu and press **Enter**.
3. Select **Network Configuration** and press **Enter**.
4. Select the **Others** menu (PowerLite Pro G6800/G6900WU) or the **Administrator Setting** menu (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU) and press **Enter**.

PowerLite Pro G6800/G6900WU
5. Set the **Crestron RoomView** setting to **On** to allow the projector to be detected.
Note: Enabling Crestron RoomView disables the Epson Message Broadcast feature in the EasyMP Monitor software.

6. When you finish selecting settings, select Complete or Setup Complete and follow the on-screen instructions to save your settings and exit the menus.

7. Turn off the projector, then turn it on again to enable the setting.

Parent topic: Crestron RoomView Support

Controlling a Networked Projector Using Crestron RoomView

Once you have set up your projector to use Crestron RoomView, you can control and monitor projection using a compatible web browser.

1. Start your web browser on a computer connected to the network.

2. Type the projector's IP address into the browser's address box and press the computer's Enter key. You see this screen:

3. Select the input source that you want to control in the Sources List box. You can scroll through available sources using the up and down arrows in the box.
4. To control projection remotely, click the on-screen buttons that correspond to the projector’s remote control buttons. You can scroll through button options at the bottom of the screen.

**Note:** These on-screen buttons do not directly correspond to the projector’s remote control buttons:
- OK acts as the Enter button
- Menu displays the projector’s menu

5. To view information about the projector, click the **Info** tab.

6. To change projector, Crestron, and password settings, click the **Tools** tab, select settings on the displayed screen, and click **Send**.

7. When you finish selecting settings, click **Exit** to exit the program.

**Parent topic:** [Crestron RoomView Support](#)
Using Basic Projector Features

Follow the instructions in these sections to use your projector's basic features.

Turning On the Projector
Turning Off the Projector
Selecting the Language for the Projector Menus
Setting the Screen Type
Adjusting the Image Position Using Screen Position
Adjusting the Image Position Using Lens Shift
Displaying a Test Pattern
Adjusting the Image Height
Image Shape
Resizing the Image With the Zoom Ring
Focusing the Image Using the Focus Ring
Remote Control Operation
Selecting an Image Source
Projection Modes
Image Aspect Ratio
Color Mode
Controlling the Volume with the Volume Buttons
Setting the Date and Time

Turning On the Projector

Turn on the computer or video equipment you want to use before you turn on the projector so it can display the image source.

Note: If the Startup Source Search setting in the Extended menu is enabled, the projector automatically detects the input signal when you turn it on.
1. Connect the power cord to the projector’s power inlet.

2. Plug the power cord into an electrical outlet.
   The projector’s power light turns orange. This indicates that the projector is receiving power, but is not yet turned on (it is in standby mode).

   **Note:** With Direct Power On turned on, the projector turns on as soon as you plug it in.

3. Press the power button on the projector or the remote control to turn on the projector.
   The projector beeps and the power light flashes green as the projector warms up. After about 30 seconds, the power light stops flashing and turns green.

   **Warning:** Never look into the projector lens when the lamp is on. This can damage your eyes and is especially dangerous for children and pets.

If you do not see a projected image right away, try the following:
- Turn on the connected computer or video device.
- Insert a DVD or other video media, and press the play button (if necessary).
- Press the **Source Search** button on the projector or the **Search** button on the remote control to detect the video source.
Turning Off the Projector

Before turning off the projector, shut down any computer connected to it so you can see the computer display during shutdown.

**Note:** Turn off this product when not in use to prolong the life of the projector. Lamp life will vary depending upon mode selected, environmental conditions, and usage. Brightness decreases over time.

1. Press the power button on the projector or the **Standby** button on the remote control.
2. If you see a shutdown confirmation screen, press the power button on the projector or the **Standby** button on the remote control again. (To leave the projector on, press any other button.)

The projector beeps twice, the lamp turns off, and the power light turns orange.

**Note:** With Epson’s Instant Off technology, there is no cool-down period so you can pack up the projector for transport right away (if necessary).

3. To transport or store the projector, make sure the power light is orange (but not flashing), then unplug the power cord.

**Caution:** To avoid damaging the projector or lamp, never unplug the power cord when the power light is green or flashing orange.
Selecting the Language for the Projector Menus

If you want to view the projector's menus and messages in another language, you can change the Language setting.

1. Turn on the projector.
2. Press the Menu button.
3. Select the Extended menu and press Enter.
4. Select the Language setting and press Enter.
5. Select the language you want to use and press Enter.
6. Press Menu or Esc to exit the menus.

Parent topic: Using Basic Projector Features

Setting the Screen Type

You can use the Screen Type setting to match the aspect ratio of the displayed image to the screen being used.

1. Turn on the projector and display an image.
2. Press the Menu button.
3. Select the Extended menu and press Enter.
4. Select **Display > Screen > Screen Type**.
   You see this screen:

   ![Screen Type menu](image)

5. Select your screen's aspect ratio and press **Enter**.

6. Press the **Menu** button to accept the changes.

   **Note**: After changing the Screen Type setting, adjust the aspect ratio for the projected image.

**Parent topic**: Using Basic Projector Features

**Related concepts**

Image Aspect Ratio

**Adjusting the Image Position Using Screen Position**

You can adjust the image position if there are margins between the edge of the image and the projected screen frame.

1. Turn on the projector and display an image.
2. Press the **Menu** button.
3. Select the **Extended** menu and press **Enter**.
4. Select **Display > Screen > Screen Position**.
5. Use the arrow buttons on the remote control or projector to adjust the position of the image.

6. When you are finished, press the **Menu** button.

**Note:** The screen position cannot be adjusted if the Screen Type is set to **16:10** for the PowerLite Pro G6050W, G6450WU, G6550WU, or G6900WU models or **4:3** for the PowerLite Pro G6150 and G6800 models.

**Parent topic:** Using Basic Projector Features

## Adjusting the Image Position Using Lens Shift

If the projector cannot be installed directly in front of the screen, you can adjust the position of the projected image using the lens shift feature.

**Note:** Wait 30 minutes after turning on the projector before setting the focus, zoom, and lens shift for maximum accuracy.

1. Turn on the projector and display an image.
2. Slide the lens shift dial lock as shown to release the lock.

3. Turn the vertical and horizontal lens shift dials on the projector to adjust the position of the projected image as necessary.

The range in which the image can be moved is shown as follows:
1. Center of lens
2. Projected image when lens shift is set in the center
3. $V \times 67\%$ (PowerLite Pro G6050W/G6450WU/G6550WU/G6750WU/G6900WU); $V \times 57\%$ (PowerLite Pro G6150/G6800)
4. $H \times 30\%$

**Note:** The image cannot be moved to both the horizontal and vertical maximum values.

4. When you are finished, slide the lens shift dial lock as shown to lock the dials.
Follow these guidelines when using lens shift to adjust your images:

- When adjusting the image height, position the image lower than where you want it to be and then move it up using the vertical lens shift dial. This will help prevent the image from moving down after adjustment.
- Keeping the vertical and horizontal lens shift dials in their center positions produces the clearest picture.

Parent topic: Using Basic Projector Features

Displaying a Test Pattern

You can display a test pattern to adjust the projection image without connecting a computer or video device.

Note: The test pattern's shape is determined by the Screen Type setting. Be sure to set the correct screen type before adjusting with the test pattern.

1. Turn on the projector.
2. Press the Test Pattern button on the remote control or the down arrow button on the control panel.
3. Press the left or right arrow buttons on the remote control or press Enter on the control panel to cycle through the available test patterns.
4. Adjust the image as necessary.
5. Press the Esc to exit the test pattern.
Adjustable Settings Using a Test Pattern

The following image adjustments can be made while the test pattern is displayed.

<table>
<thead>
<tr>
<th>Top menu</th>
<th>Submenu/Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image</td>
<td>Color Mode</td>
</tr>
<tr>
<td></td>
<td>Abs. Color Temp.</td>
</tr>
<tr>
<td></td>
<td>Advanced</td>
</tr>
<tr>
<td></td>
<td>• Gamma¹</td>
</tr>
<tr>
<td></td>
<td>• RGB</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Reset</td>
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<tr>
<td>Signal</td>
<td>Auto Setup</td>
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<tr>
<td>Settings</td>
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<td>Extended</td>
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<tr>
<td></td>
<td>• Brightness Level</td>
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<tr>
<td></td>
<td>• Edge Blending²</td>
</tr>
<tr>
<td></td>
<td>• Multi-screen</td>
</tr>
</tbody>
</table>

¹ Except for custom Gamma settings
² Except for Black Level (PowerLite Pro G6800/G6900WU)

Parent topic: Displaying a Test Pattern

Adjusting the Image Height

If you are projecting from a table or other flat surface, and the image is too high or low, you can adjust the image height using the projector's adjustable feet.
1. Turn on the projector and display an image.
2. To adjust the image height, rotate the front foot to extend or retract it.

3. If the image is tilted, rotate the rear feet to adjust their height.

If the projected image is unevenly rectangular, you need to adjust the image shape.

Parent topic: Using Basic Projector Features
Related concepts
Image Shape
Related references
Projector Feature Settings - Settings Menu
Image Shape

You can project an evenly rectangular image by placing the projector directly in front of the center of the screen and keeping it level. If you place the projector at an angle to the screen, or tilted up or down, or off to the side, you may need to correct the image shape for the best display quality.

Correcting Image Shape with H/V Keystone
Correcting Image Shape with Quick Corner
Correcting Image Shape with Arc Corner
Correcting Image Shape with Curved Surface
Correcting Image Shape with Point Correction
Correcting Image Shape with Corner Wall

Parent topic: Using Basic Projector Features

Correcting Image Shape with H/V Keystone

You can use the projector’s H/V Keystone setting to correct the shape of an image that is unevenly rectangular on the sides.

1. Turn on the projector and display an image.

   Note: You can display a pattern to aid in adjusting the projected image using the Settings menu.

2. Press the Menu button.
3. Select the **Settings** menu and press **Enter**.

![Settings menu]

4. Select the **Geometric Correction** setting and press **Enter**.

5. Select the **H/V-Keystone** setting and press **Enter**. Then press **Enter** again.

   You see the H/V-Keystone adjustment screen:

![H/V-Keystone adjustment screen]

6. Use the arrow buttons on the projector or the remote control to select between vertical and horizontal keystone correction and to adjust the image shape as necessary.

7. When you are finished, press **Esc**.

   After correction, your image is slightly smaller.

**Parent topic:** Image Shape

**Related references**

- Projector Feature Settings - Settings Menu
Related tasks
Displaying a Test Pattern

Correcting Image Shape with Quick Corner
You can use the projector's Quick Corner setting to correct the shape and size of an image that is unevenly rectangular on all sides.

1. Turn on the projector and display an image.

   **Note:** You can display a pattern to aid in adjusting the projected image using the Settings menu.

2. Press the **Menu** button.
3. Select the **Settings** menu and press **Enter**.

4. Select the **Geometric Correction** setting and press **Enter**.
5. Select the **Quick Corner** setting and press **Enter**. Then press **Enter** again.

You see the Quick Corner adjustment screen:
6. Use the arrow buttons on the projector or the remote control to select the corner of the image you want to adjust. Then press Enter.

7. Press the arrow buttons to adjust the image shape as necessary.

8. When you are finished, press Esc.

Parent topic: Image Shape

Related references
Projector Feature Settings - Settings Menu

Related tasks
Displaying a Test Pattern

Correcting Image Shape with Arc Corner

You can use the projector’s Arc Corner setting to adjust the curve or arc of the sides of your image (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU).

1. Turn on the projector and display an image.

   Note: You can display a pattern to aid in adjusting the projected image using the Settings menu.

2. Press the Menu button.
3. Select the **Settings** menu and press **Enter**.

4. Select the **Geometric Correction** setting and press **Enter**.

5. Select the **Arc Correction** setting and press **Enter**. Then press **Enter** again. You see the Arc Correction adjustment screen.
6. Use the arrow buttons on the projector or the remote control to select the corner or side of the image you want to adjust. Then press Enter.

7. Press the arrow buttons to adjust the image shape as necessary.

8. When you are finished, press Esc.

Parent topic: Image Shape

Related references
Projector Feature Settings - Settings Menu

Related tasks
Displaying a Test Pattern

Correcting Image Shape with Curved Surface

You can use the projector’s Curved Surface setting to adjust the shape of an image projected on a curved or spherical surface (PowerLite Pro G6800/G6900WU).

1. Turn on the projector and display an image.

   Note: You can display a pattern to aid in adjusting the projected image using the Settings menu.

   Note: For the best results, keep the lens centered using lens shift. The image may not be evenly focused throughout even after performing the steps below.

2. Press the Menu button.
3. Select the **Settings** menu and press **Enter**.

4. Select the **Geometric Correction** setting and press **Enter**.

5. Select the **Curved Surface** setting and press **Enter**.

   **Note:** If you see a confirmation message to continue, press **Enter** again.

   You see this screen:

   ![Curved Surface Menu](image)

6. Select the **Correct Shape** setting and press **Enter**.
7. Use the arrow buttons on the projector or the remote control to select the area you want to adjust. Then press **Enter**.

   ![Correct Shape]

   **Select the area.**

   **Note:** To reset your Curved Surface adjustments, press the **Esc** button for at least 2 seconds to display a reset screen, then select **Yes**.

8. Use the arrow buttons on the projector to adjust the shape.
Note: If the triangle pointing in the direction you are adjusting the shape turns gray, you cannot adjust the shape any further in that direction.

9. Press the Esc button to return to the Curved Surface menu screen.
10. Repeat the previous three steps as necessary to adjust any remaining image parts.
    If the image expands or contracts, continue with the next step to adjust the linearity.
11. Select one of the following from the Curved Surface menu screen:
    • Horizontal Linearity: Adjusts horizontal expansion or contraction
    • Vertical Linearity: Adjusts vertical expansion or contraction
12. Select a displayed line to use as a baseline and press Enter.
    The selected baseline flashes red and white.
13. Adjust the linearity by doing one of the following:
    • Press the left arrow button to shrink or contract the distance between the lines closest to the baseline
    • Press the right arrow button to expand the distance between the lines closest to the baseline
14. When you are finished, press Menu to exit.
Note: If necessary, you can fine tune the results of your Curved Surface adjustments using Point Correction.

Parent topic: Image Shape
Related references
Projector Feature Settings - Settings Menu
Related tasks
Displaying a Test Pattern
Correcting Image Shape with Point Correction

Correcting Image Shape with Point Correction
You can use the projector's Point Correction feature to adjust the image via points on a grid. This is useful to adjust overlapping areas in multiple projections that do not line up correctly.

1. Press the Menu button.
2. Select the Settings menu and press Enter.
3. Select the Geometric Correction setting and press Enter.
4. Select the Point Correction setting and press Enter.

Note: If you see a confirmation message to continue, press Enter again.

You see this screen:
5. Select the **Point Correction** setting and press **Enter**.
6. Select the number of grid lines to display and press **Enter**.
7. Use the arrow buttons on the projector or remote control to move to the point on the grid that you want to adjust. Then press **Enter**. The box will change from a single line to a double-lined square.

![Point Correction](image)

8. Use the arrow buttons to correct the distortion in all necessary directions.

![Correction Example](image)

**Note:** You can press **Enter** to show or hide the image and grid to check the results.

9. Press **Esc** to return to the previous screen and select another point to correct, if necessary.
10. When you are finished, press **Menu** to exit.

**Parent topic:** Image Shape

**Related references**

- Projector Feature Settings - Settings Menu

**Related tasks**

- Displaying a Test Pattern
Correcting Image Shape with Corner Wall

You can use the projector's Corner Wall setting to adjust the shape of an image projected on a surface with right angles, such as a rectangular pillar or the corner of a room (PowerLite Pro G6800/G6900WU).

1. Turn on the projector and display an image.

   **Note:** You can display a pattern to aid in adjusting the projected image using the Settings menu.

   **Note:** The image may not be evenly focused throughout even after performing the steps below.

2. Press the **Menu** button.
3. Select the **Settings** menu and press **Enter**.

4. Select the **Geometric Correction** setting and press **Enter**.

5. Select the **Corner Wall** setting and press **Enter**.

   **Note:** If you see a confirmation message to continue, press **Enter** again.

You see this screen:
6. Select the **Corner Type** setting and press **Enter**.

7. Select one of the following:
   - **Horizontal Corner** when the surfaces line up horizontally
   - **Vertical Corner** when the surfaces line up vertically

8. Press the **Esc** button to return to the Corner Wall menu screen.

9. Select the **Correct Shape** setting and press **Enter**.
10. Adjust the projector’s position and use the lens shift option to center the image over the corner of the wall or the point where the two surface areas meet. (The rest of these steps shows Horizontal Corner as the selected Corner Type but the workflow is the same for Vertical Corner.)

```
107
```

**Note:** You can press Enter to show or hide the image and grid to check the results.

11. Use the arrow buttons on the projector or the remote control to select the area you want to adjust. Then press Enter.

```
107
```

**Tip:** When Horizontal Corner is selected, adjust the top area by using the lowest point (indicated by the blue arrow) as your reference and adjusting the areas indicated by the top two black arrows. Adjust the lower area by using the highest point (indicated by the red arrow) as your reference and adjusting the areas indicated by the bottom two black arrows.
When Vertical Corner is selected, adjust the left and right areas using the points nearest the center of the image as your reference points.

**Note:** To reset your Corner Wall adjustments, press the Esc button for at least 2 seconds to display a reset screen, then select Yes.

12. Use the arrow buttons on the projector or remote control to adjust the shape.
13. Repeat the previous two steps as necessary to adjust any remaining image parts.
   If the image expands or contracts, continue with the next step to adjust the linearity.
14. Press the Esc button to return to the Corner Wall menu screen.
15. Select the **Linearity** setting and press Enter.
16. Adjust the linearity by doing the following:
   - Press the left arrow button to shrink or contract the distance between the lines closest to the left or top side of the image
   - Press the right arrow button to shrink or contract the distance between the lines closest to the right or bottom side of the image
17. When you are finished, press **Menu** to exit.

**Note:** If necessary, you can fine tune the results of your Corner Wall adjustments using Point Correction.

**Parent topic:** Image Shape  
**Related references**  
Projector Feature Settings - Settings Menu  
**Related tasks**  
Displaying a Test Pattern  
Correcting Image Shape with Point Correction  

### Resizing the Image With the Zoom Ring

1. Turn on the projector and display an image. Wait 30 minutes after turning on the projector before setting the focus, zoom, and lens shift for maximum accuracy.

   **Note:** You can display a pattern to aid in adjusting the projected image using the Settings menu.

2. To enlarge or reduce the image size, rotate the projector's zoom ring.
**Focusing the Image Using the Focus Ring**

1. Turn on the projector and display an image. Wait 30 minutes after turning on the projector before setting the focus, zoom, and lens shift for maximum accuracy.

   **Note:** You can display a pattern to aid in adjusting the projected image using the Settings menu.

2. To sharpen the image focus, rotate the projector’s focus ring.

**Focusing the Image with the Optional Short Throw Lens**

If the optional short throw lens (ELPLU01) is installed and the lens has been shifted using the lens shift option, you can focus the image using the distortion and focus rings.

1. Turn on the projector and display an image.

   **Note:** You can display a pattern to aid in adjusting the projected image using the Settings menu.
2. Carefully rotate the distortion ring counter-clockwise until it cannot go any further.

![Image of distortion ring rotation]

**Note:** Be careful not to shift the short throw lens when adjusting it to prevent the projected image from shifting.

3. Support the front of the lens with one hand and use the other to carefully rotate the focus ring until the image around the lens projection axis is focused.

![Image of focus ring rotation]
4. Rotate the distortion ring until the area around the edges of the image is also focused.

5. Rotate the focus ring again to focus the entire screen image.
6. If the area around the lens projection axis is out of focus, rotate the distortion ring again to bring the area into focus.

**Note:** When using the short throw lens, make sure **ELPLU01** is selected for the **Lens Type** setting in the Extended menu so that keystone adjustments are performed correctly. If the image has shifted after making adjustments, re-position the image using lens shift. When adjusting the image height, position the image lower than where you want it to be and then move it up using the vertical lens shift dial. This will help prevent the image from moving down after adjustment.

**Parent topic:** Focusing the Image Using the Focus Ring

**Related tasks**

- Adjusting the Image Position Using Lens Shift

**Remote Control Operation**

The remote control lets you control the projector from almost anywhere in the room, up to 49 feet (15 m) away. You can point it at the front or rear of the projector.

Make sure that you aim the remote control at the projector’s receivers within the angles listed here.
1 49 feet (15 m)
2 ±60°
3 ±20°
4 ±30°
5 +10° to +50°

**Note:** Avoid using the remote control in conditions with bright fluorescent lights or in direct sunlight, or the projector may not respond to commands. If you will not use the remote control for a long time, remove the batteries.

**Parent topic:** Using Basic Projector Features

**Related tasks**

Replacing the Remote Control Batteries
Selecting an Image Source

If you connected multiple image sources to the projector, such as a computer and DVD player, you may want to switch from one image source to the other.

1. Make sure the connected image source you want to use is turned on.
2. For video image sources, insert a DVD or other video media and press its play button, if necessary.
3. Do one of the following:
   • Press the Source Search button on the projector or the Search button on the remote control until you see the image from the source you want.
   • Press the button for the source you want on the remote control. If there is more than one port for that source, press the button again to cycle through the sources.

1  Computer port source
2  BNC port source
3  Video port source (composite video)
Changing the Projection Mode Using the Remote Control

You can change the projection mode to flip the image over top-to-bottom.

1. Turn on the projector and display an image.
2. Hold down the **A/V Mute** button on the remote control for five seconds.
3. To change projection back to the original mode, hold down the A/V Mute button for five seconds again.

Parent topic: Projection Modes

Changing the Projection Mode Using the Menus

You can change the projection mode to flip the image over top-to-bottom and/or left-to-right using the projector menus.

1. Turn on the projector and display an image.
2. Press the Menu button.
3. Select the Extended menu and press Enter.
4. Select the Projection setting and press Enter.
5. Select a projection mode and press Enter.
6. Press Menu or Esc to exit the menus.

Parent topic: Projection Modes

Parent topic: Projection Modes
**Image Aspect Ratio**

The projector can display images in different width-to-height ratios called aspect ratios. Normally the input signal from your video source determines the image’s aspect ratio. However, for certain images you can change the aspect ratio to fit your screen by pressing a button on the remote control.

If you always want to use a particular aspect ratio for a certain video input source, you can select it using the projector’s menus.

- **Changing the Image Aspect Ratio**
- **Available Image Aspect Ratios**

**Parent topic:** Using Basic Projector Features

**Related references**
- Image Quality Settings - Image Menu

---

**Changing the Image Aspect Ratio**

You can change the aspect ratio of the displayed image to resize it.

**Note:** Set the Screen Type setting in the projector’s Extended menu before changing the aspect ratio.

1. Turn on the projector and switch to the image source you want to use.
2. Press the **Aspect** button on the remote control.

![Remote Control Buttons](image)

The shape and size of the displayed image changes, and the name of the aspect ratio appears briefly on the screen.

3. To cycle through the available aspect ratios for your input signal, press the **Aspect** button repeatedly.

**Parent topic:** Image Aspect Ratio
Available Image Aspect Ratios

You can select the following image aspect ratios, depending on the selected Screen Type setting and the input signal from your image source.

**Note:** Black bands and cropped images may project in certain aspect ratios, depending on the aspect ratio and resolution of your input signal.

<table>
<thead>
<tr>
<th>Screen Type setting</th>
<th>Available aspect ratios</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:3</td>
<td>Auto or Normal, 4:3, 6:9, Native*</td>
</tr>
<tr>
<td>16:9</td>
<td>Auto or Normal, Full, Zoom, Native</td>
</tr>
<tr>
<td>16:10</td>
<td>Auto or Normal, 16:9, Full, Zoom, Native</td>
</tr>
</tbody>
</table>

*Available only when projecting computer images or from the **HDMI** or **HDBaseT** (PowerLite Pro G6750WU/G6800/G6900WU) port

<table>
<thead>
<tr>
<th>Aspect ratio setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto</td>
<td>Automatically sets the aspect ratio according to the input signal.</td>
</tr>
<tr>
<td>Normal</td>
<td>Displays images in the same aspect ratio of the input signal.</td>
</tr>
<tr>
<td>4:3</td>
<td>Displays images at a 4:3 aspect ratio.</td>
</tr>
<tr>
<td>16:9</td>
<td>Displays images at a 16:9 aspect ratio.</td>
</tr>
<tr>
<td>Full</td>
<td>Displays images using the full size of the projection area, but does not maintain the aspect ratio.</td>
</tr>
<tr>
<td>Zoom</td>
<td>Displays images using the full width of the projection area and maintains the aspect ratio of the image. Areas that exceed the edges of the projected screen are not projected.</td>
</tr>
<tr>
<td>Native</td>
<td>Displays images as is (aspect ratio and resolution are maintained).</td>
</tr>
</tbody>
</table>

Parent topic: Image Aspect Ratio

Related tasks

Setting the Screen Type
Color Mode

The projector offers different Color Modes to provide optimum brightness, contrast, and color for a variety of viewing environments and image types. You can select a mode designed to match your image and environment, or experiment with the available modes.

If you always want to use a particular color mode for a certain video input source, you can select it using the projector menus.

Changing the Color Mode
Available Color Modes
Turning On Auto Iris

Parent topic: Using Basic Projector Features
Related references
Image Quality Settings - Image Menu

Changing the Color Mode

You can change the projector's Color Mode using the remote control to optimize the image for your viewing environment.

1. Turn on the projector and switch to the image source you want to use.
2. If you are projecting from a DVD player or other video source, insert a disc or other video media and press the play button, if necessary.
3. Press the Color Mode button on the remote control to change the Color Mode.

The image appearance changes and the name of the Color Mode appears briefly on the screen.
4. To cycle through all the available Color Modes for your input signal, press the Color Mode button repeatedly.

Parent topic: Color Mode
Available Color Modes

You can set the projector to use these Color Modes, depending on the input source you are using:

<table>
<thead>
<tr>
<th>Color Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic</td>
<td>Best for projecting in a bright room</td>
</tr>
<tr>
<td>Presentation</td>
<td>Best for color presentations in a bright room</td>
</tr>
<tr>
<td>Theatre</td>
<td>Best for movies projected in a dark room</td>
</tr>
<tr>
<td>Photo</td>
<td>Best for still images projected in a bright room</td>
</tr>
<tr>
<td>Sports</td>
<td>Best for television images in a bright room</td>
</tr>
<tr>
<td>sRGB</td>
<td>Best for standard sRGB computer displays</td>
</tr>
<tr>
<td>DICOM SIM</td>
<td>Best for projecting X-ray photographs and other medical images</td>
</tr>
<tr>
<td>Multi-Projection</td>
<td>Best for projecting from multiple projectors (reduces the color tone difference between images)</td>
</tr>
</tbody>
</table>

Note: The DICOM SIM Color Mode is for reference purposes only and should not be used to make medical diagnoses.

Parent topic: Color Mode

Turning On Auto Iris

In certain color modes, you can turn on the Auto Iris setting to automatically optimize the image based on the brightness of the content you project.

1. Turn on the projector and switch to the image source you want to use.
2. Press the Menu button.
3. Select the **Image** menu and press **Enter**.

![Image menu](image)

4. Select the **Auto Iris** setting and select **On**.

   **Note:** You can turn **Auto Iris** on or off for each Color Mode that supports the feature. You cannot change the **Auto Iris** setting when you are using a **Closed Caption** setting.

5. Press **Menu** or **Esc** to exit the menus.

   **Parent topic:** [Color Mode](#)

### Controlling the Volume with the Volume Buttons

You can use the **Volume** buttons on the remote control to adjust the volume as you project a presentation with audio. The volume buttons control the projector’s internal speaker system (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU) or any external speakers you connected to the projector.

You must adjust the volume separately for each connected input source.

1. Turn on the projector and start a presentation that includes audio.
2. To lower or raise the volume, press the \textbf{Volume} buttons on the remote control.

A volume gauge appears on the screen.

3. To set the volume to a specific level for an input source, use the projector menus.

\textbf{Parent topic: Using Basic Projector Features}

\textbf{Related references}

Projector Feature Settings - Settings Menu

\textbf{Setting the Date and Time}

You can set the date and time for the projector.

1. Press the \textbf{Menu} button.
2. Select the \textbf{Extended} menu and press \textbf{Enter}.
3. Select the \textbf{Operation} setting and press \textbf{Enter}.
4. Select the \textbf{Date & Time} setting and press \textbf{Enter}.

You see a screen like this:
5. Select the **Date & Time** setting and press **Enter**.
6. Use the displayed keyboard to enter the date and time.
7. When you are finished, press **Menu**.

**Parent topic:** Using Basic Projector Features
Adjusting Projector Features

Follow the instructions in these sections to use your projector's feature adjustments.

Shutting Off the Picture and Sound Temporarily
Stopping Video Action Temporarily
Zooming Into and Out of Images
Projector Security Features
Projecting Two Images Simultaneously
Using Multiple Projectors
Viewing 3D Images
Saving Settings to Memory and Using Saved Settings
Saving a Scheduled Event

Shutting Off the Picture and Sound Temporarily

You can temporarily turn off the projected picture and sound if you want to redirect your audience’s attention during a presentation. Any sound or video action continues to run, however, so you cannot resume projection at the point that you stopped it.

If you want to display an image such as a company logo or picture when the presentation is stopped, you can set up this feature using the projector’s menus.

1. Press the A/V Mute button on the remote control to temporarily stop projection and mute any sound.

![Remote Control with A/V Mute Button](image)

2. To turn the picture and sound back on, press A/V Mute again.

Parent topic: Adjusting Projector Features
Related references
Projector Setup Settings - Extended Menu
Stopping Video Action Temporarily

You can temporarily stop the action in a video or computer presentation and keep the current image on the screen. Any sound or video action continues to run, however, so you cannot resume projection at the point that you stopped it.

1. Press the Freeze button on the remote control to stop the video action.

2. To restart the video action in progress, press Freeze again.

Parent topic: Adjusting Projector Features

Zooming Into and Out of Images

You can draw attention to parts of a presentation by zooming into a portion of the image and enlarging it on the screen.

1. Press the E-Zoom + button on the remote control.

You see a crosshair on the screen indicating the center of the zoom area.

2. Use the following buttons on the remote control to adjust the zoomed image:
   • Use the arrow buttons to position the crosshair in the image area you want to zoom into.
   • Press the E-Zoom + button repeatedly to zoom into the image area, enlarging it as necessary. Press and hold the E-Zoom + button to zoom in more quickly.
Projector Security Features

You can secure your projector to deter theft or prevent unintended use by setting up the following security features:

• Password security to prevent the projector from being turned on, and prevent changes to the startup screen and other settings.

• Button lock security to block operation of the projector using the buttons on the control panel.

• Security cabling to physically cable the projector in place.

Password Security Types

You can set up these types of password security using one shared password:

• **Power On Protection** password prevents anyone from using the projector without first entering a password.

• **User’s Logo Protection** password prevents anyone from changing the custom screen the projector can display when it turns on or when you use the A/V Mute feature. The presence of the custom screen discourages theft by identifying the projector’s owner.

• **Network Protection** password prevents anyone from changing the network settings in the projector menus.

• **Time/Schedule Protection** password prevents anyone from changing the projector’s time or schedule settings.

Setting a Password

Selecting Password Security Types

Entering a Password to Use the Projector

Saving a User’s Logo Image to Display
Parent topic: Projector Security Features

Setting a Password

To use password security, you must set a password.

1. Hold down the Freeze button on the remote control for about five seconds until you see this menu.

   ![Password Protection Menu]

   - Power On Protection: Off
   - User’s Logo Protection: Off
   - Network Protection: Off
   - Time/Schedule Protection: Off
   - Password

2. Press the down arrow to select Password and press Enter.
   
   You see the prompt “Change the password?”.

3. Select Yes and press Enter.

4. Hold down the Num button on the remote control and use the numeric buttons to set a four-digit password.

   ![Numeric Buttons]

   The password displays as **** as you enter it. Then you see the confirmation prompt.

5. Enter the password again.

   You see the message “Password accepted.”

6. Press Esc to return to the menu.
7. Make a note of the password and keep it in a safe place in case you forget it.

Parent topic: Password Security Types

Selecting Password Security Types

After setting a password, you see this menu, allowing you to select the password security types you want to use.

If you do not see this menu, hold down the Freeze button on the remote control for five seconds until the menu appears.


2. To prevent changes to the User's Logo screen or related display settings, select User's Logo Protection, press Enter, select On, press Enter again, and press Esc.

3. To prevent changes to network settings, select Network Protection, press Enter, select On, press Enter again, and press Esc.

4. To prevent changes to the projector's time or schedule settings, select Time/Schedule Protection, press Enter, select On, press Enter again, and press Esc.

Note: Be sure to keep the remote control in a safe place; if you lose it, you will not be able to enter the password required to use the projector.

Parent topic: Password Security Types

Entering a Password to Use the Projector

If a password is set up and a Power On Protection password is enabled, you see a prompt to enter a password whenever you turn on the projector.
You must enter the correct password to use the projector.

1. Hold down the **Num** button on the remote control while you enter the password using the numeric buttons.

The password screen closes.

2. If the password is incorrect, the following may happen:
   - You see a "wrong password" message and a prompt to try again. Enter the correct password to proceed.
   - If you enter an incorrect password several times in succession, the projector displays a request code and a message to contact Epson Support. When you contact Epson Support, provide the displayed request code and proof of ownership for assistance in unlocking the projector.

Parent topic: Password Security Types
Saving a User's Logo Image to Display

You can transfer an image to the projector and then display it whenever the projector turns on. You can also display the image when the projector is not receiving an input signal or when you temporarily stop projection (using the A/V Mute feature). This transferred image is called the User's Logo screen.

The image you select as the User's Logo can be a photo, graphic, or company logo, which is useful in identifying the projector's owner to help deter theft. You can prevent changes to the User's Logo by setting up password protection for it.

1. Display the image you want to project as the User's Logo.
2. Press the Menu button, select the Extended menu, and press Enter.

You see a prompt asking if you want to use the displayed image as a user's logo.

3. Select Yes and press Enter.

You see a selection box overlaying your image.

4. Use the arrow buttons on the remote control to surround the image area you want to use as the User's Logo and press Enter.

You see a prompt asking if you want to select this image area.

5. Select Yes and press Enter. (If you want to change the selected area, select No, press Enter, and repeat the last step.)
You see the User's Logo zoom factor menu.

7. Select a zoom percentage and press Enter.
   You see a prompt asking if you want to save the image as the User's Logo.
8. Select Yes and press Enter.

   **Note:** It takes a few moments for the projector to save the image; do not use the projector, its remote control, or any connected equipment until it is finished.

   You see a completion message.
9. Press Esc to exit the message screen.
10. Select the Extended menu and press Enter.
11. Select Display and press Enter.
12. Select when you want to display the User's Logo screen:
   - To display it whenever there is no input signal, select Display Background and set it to Logo.
   - To display it whenever you turn the projector on, select Startup Screen and set it to On.
   - To display it whenever you press the A/V Mute button, select A/V Mute and set it to Logo.

To prevent anyone from changing the User's Logo settings without first entering a password, set a password and enable User's Logo security.

**Parent topic:** Password Security Types

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Locking the Projector's Buttons

You can lock the buttons on the projector's control panel to prevent anyone from using the projector. You can lock all the buttons or all the buttons except the power button.

1. Press the Menu button.
2. Select the Settings menu and press Enter.
3. Select the Control Panel Lock setting and press Enter.
4. Select one of these lock types and press Enter:
   - To lock all of the projector's buttons, select Full Lock.
   - To lock all buttons except the power button, select Partial Lock.
   You see a confirmation prompt.
5. Select Yes and press Enter.

Unlocking the Projector's Buttons

If the projector's buttons have been locked, hold the Enter button on the projector's control panel for seven seconds to unlock them.
Installing a Security Cable

You can install two types of security cables on the projector to deter theft.
- Use the security slot on the projector to attach a Kensington Microsaver Security system, available from Epson.
- Use the security cable attachment point on the projector to attach a wire cable and secure it to a room fixture or heavy furniture.

Projecting Two Images Simultaneously

You can use the split screen feature to simultaneously project two images from different image sources next to each other. You can control the split screen feature using the remote control or the projector menus.

Note: While you use the split screen feature, other projector features may not be available and some settings may be automatically applied to both images.
1. Press the **Split** button on the remote control.

The currently selected input source moves to the left side of the screen.

2. Press the **Menu** button.

You see this screen:

3. To select an input source for the other image, select the **Source** setting, press **Enter**, select the input source, select **Execute**, and press **Enter**. (You can also change image sources, if necessary.)

4. To switch the images, select the **Swap Screens** setting and press **Enter**.

5. To change the image sizes, select the **Screen Size** setting, press **Enter**, select a sizing option, press **Enter**, and press **Menu** to exit.

   **Note:** Depending on the video input signals, the images may not appear at the same size even if you choose the **Equal** setting.

6. To choose the audio you want to hear, select the **Audio Source** setting, press **Enter**, select an audio option, press **Enter**, and press **Menu** to exit.

   **Note:** Select **Auto** to hear audio from the largest screen or the left screen.
7. To exit the split screen feature, press the **Split** or **Esc** button.

Parent topic: Adjusting Projector Features

**Using Multiple Projectors**

You can combine the projected images from two or more projectors to create one large image. The following two options are available:

- Project different images from each projector and create one seamless image

  ![Diagram showing two projectors projecting different images.]

- Project the same image from each projector and use the Scale feature to create one seamless image

  ![Diagram showing two projectors projecting the same image with the Scale feature applied.]
Follow the instructions in these sections to setup and project from multiple projectors.

**Projector Identification System for Multiple Projector Control**

Adjusting the Position of the Projected Image From Multiple Projectors

**Scaling an Image**

**Adjusting the Lamp's Brightness**

**Blending the Image Edges**

**Adjusting the Black Level**

**Matching the Image Colors**

**Parent topic:** Adjusting Projector Features

---

**Projector Identification System for Multiple Projector Control**

You can operate multiple projectors using one remote control for more elaborate presentations. To do this, you assign an identification number to each projector and to the remote control. Then you can operate all the projectors at once or individually.

You can also match the colors displayed by any projectors you plan to use near each other.

**Caution:** Leave at least 20 inches (50 cm) of space between the projectors to prevent them from overheating.

**Setting the Projector ID**

**Setting the Remote Control ID**

**Parent topic:** Using Multiple Projectors

---

**Setting the Projector ID**

If you want to control multiple projectors from a remote control, give each projector a unique ID.

1. Press the **Menu** button.
2. Select the **Extended** menu and press **Enter**.
3. Select the **Multi-Projection** menu and press **Enter**.
4. Select **Projector ID** and press **Enter**.

![Projector ID select screen](image)

5. Use the arrow buttons on the remote control to select the identification number you want to use for the projector. Then press **Enter**.

Repeat these steps for all the other projectors you want to operate from one remote control.

**Parent topic:** Projector Identification System for Multiple Projector Control

### Setting the Remote Control ID

The remote control's ID is set to zero by default so it can operate any compatible projector. If you want to set the remote control to operate only a particular projector, you need to set the remote control's ID to match the projector's ID.

1. Turn on the projector you want the remote control to operate with exclusively.
2. Set the remote control **ID** switch to **On**.

![Remote control ID switch](image)
3. Hold down the **ID** button on the remote control while you press the numeric button that matches the projector’s ID. Then release the buttons.

![Remote Control ID Button](image)

**Note:** If you don’t know the projector’s ID, hold down the **ID** button and press the **Help** button to temporarily display the projector’s ID on the screen. If the batteries are left out of the remote control for an extended period, the remote control ID returns to its default setting.

**Parent topic:** [Projector Identification System for Multiple Projector Control](#)

### Adjusting the Position of the Projected Image From Multiple Projectors

If you need to adjust the position of a projected image from multiple projectors, perform the adjustments in the order listed here.

**Note:** You can display a pattern to aid in adjusting the projected image using the Settings menu.

1. Adjust the projector’s physical position and angle to the screen.
2. Use the projector’s lens shift and zoom features.
   
   **Note:** Wait 30 minutes after turning on the projector before setting the lens shift and zoom for maximum accuracy.

3. Adjust the image shape using these Geometric Correction settings:
   - **Quick Corner**
   - **Point Correction**

**Parent topic:** [Using Multiple Projectors](#)

**Related concepts**

- [Projector Placement](#)
Related tasks
Displaying a Test Pattern
Adjusting the Image Position Using Lens Shift
Resizing the Image With the Zoom Ring
Correcting Image Shape with Quick Corner
Correcting Image Shape with Point Correction

Scaling an Image
You can project the same image from multiple projectors and use the Scale feature to crop and combine them into one large image.

1. Press the **Menu** button.
2. Select the **Signal** menu and press **Enter**.
3. Select the **Scale** setting and press **Enter**.
   
   You see this screen:

   ![Scale Settings](image)

4. Select the **Scale** setting and select **On**.
5. Select the **Scale Mode** setting and select one of the following options:
   - **Zoom Display**: Maintains the image aspect ratio as you scale the image
6. Select one or more of the following scaling options and adjust it as necessary:
   • – or +: Scales the image horizontally and vertically at the same time
   • Scale Vertically: Scales the image vertically only
   • Scale Horizontally: Scales the image horizontally only

7. Select the **Image Display Range** setting and use the arrow buttons to adjust the coordinates and size of each image as you view the screen.

8. When you are finished, press **Menu**.

**Parent topic:** Using Multiple Projectors
Adjusting the Lamp’s Brightness

When projecting with multiple projectors, you must adjust the brightness setting so that all projectors are as bright as the darkest lamp (PowerLite Pro G6050W/G6150/G6550WU/G6750WU/G6800/G6900WU).

Note: Even after adjusting the brightness levels, the brightness of each lamp may not match exactly.

1. Turn on all the projectors and display the same image.
2. Select Normal for the Power Consumption setting.
3. Select Multi-Projection or 3D Multi-Projection (for 3D images) for the color mode.
4. Press the Menu button.
5. Select the Extended menu and press Enter.
6. Select the Multi-Projection setting and press Enter.
7. Select the Brightness Level setting and press Enter.
8. Select a brightness level.
9. Press Esc to return to the previous screen.

Parent topic: Using Multiple Projectors

Related concepts
Color Mode

Related references
Projector Feature Settings - Settings Menu

Blending the Image Edges

You can use the projector's Edge Blending feature to create a seamless image from multiple projectors.

1. Press the Menu button.
2. Select the Extended menu and press Enter.
3. Select the **Multi-Projection** setting and press **Enter**.
4. Select the **Edge Blending** setting and press **Enter**.
   You see this screen:

![Edge Blending Settings](image)

   
   **Note:** If the projected guide is unclear, try changing the Guide Colors setting.

6. Select the edge you want to blend and press **Enter**.
   You see a screen like this:

![Top Edge Settings](image)

7. Select the **Blending** setting and select **On**.
8. Select the **Blend Range** setting and select the width of the blended area.
The range should be set so that the displayed guides are at the edges of the overlapping area between the two images.

9. Press Esc to go back to the previous screen.

10. Select the Blend Curve setting (PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU) and select a gradient for the shaded area.

11. When you are finished, press the Menu button.

**Parent topic:** Using Multiple Projectors

### Adjusting the Black Level

When two images overlap, the overlapping area can be different in brightness and tone from the areas that do not overlap. You can use the projector's Black Level setting to reduce this difference and make it less noticeable (PowerLite Pro G6800/G6900WU).
Note:
• You cannot adjust the black level when a test pattern displayed.
• The brightness and tone of the overlapping areas may differ from the rest of the image even after adjusting the black level.

1. Press the Menu button.
2. Select the Extended menu and press Enter.
3. Select the Multi-Projection setting and press Enter.
4. Select the Edge Blending setting and press Enter.
   You see this screen:
5. Select the **Black Level** setting and press **Enter**.

   You see this screen:

   ![Black Level Screen]

6. Select the **Area Correction** setting and press **Enter**.

   The points you can use to set the range for black level adjustments are displayed.
**Note:** The points displayed differ depending on the edge settings (Top Edge, Bottom Edge, Right Edge, Left Edge) and the geometric adjustment method selected. For example, if Left Edge is set and 5 x 5 is selected for the Point Correction setting, you see a screen like this:

7. Use the arrow buttons to select an adjustment point and press the **Enter** button. The selected point turns orange.

8. Use the arrow buttons to move the point.
9. To move another point, press the Esc button and repeat the previous two steps.

10. When you are finished, press the Esc button twice and select Yes when you see the confirmation message to return to the Black Level menu screen.

   **Note:** Changing any of the Top Edge, Bottom Edge, Right Edge, or Left Edge settings will reset the Black Level setting to its default value.

11. Select the Color Adjustment setting and press Enter.

You see this screen:

![Color Adjustment Screen]

12. Adjust the brightness and tone of the areas that do not overlap to match the areas that overlap using the displayed adjustment sliders.

13. When you are finished, press the Menu button to exit.

**Parent topic:** Using Multiple Projectors

### Matching the Image Colors

You can match the display quality of multiple projectors that will project next to each other.

**Note:** Make sure you select Multi-Projection or 3D Multi-Projection (for 3D images) for the color mode. Brightness and colors may not match exactly even after performing the steps below.

1. Press the Menu button.
2. Select the **Extended** menu and press **Enter**.
3. Select the **Multi-Projection** setting and press **Enter**.
4. Select the **Multi-screen** setting and press **Enter**.

You see this screen:

![Multi-screen settings](image)

**Note:** Press **Enter** to toggle between the projected image and the adjustment screen.

5. Set the **Adjustment Level** setting to **1** and press **Enter**.
6. Set the remote control ID to match the second projector.
7. Access the Extended menu **Multi-screen** setting on the second projector and set the **Adjustment Level** setting to **1**.
8. Adjust the **Brightness Correct.** setting on the projector with the darkest display so it matches the lighter display, and press **Enter**. (You may need to switch the remote control ID back and forth to make adjustments to each projector in all of these steps.)
9. Change the **Adjustment Level** setting to **5** on each projector, but this time match the lighter display to the darker one.
10. Adjust the **Brightness Correct.** setting on **Adjustment Level 2, 3, and 4** in the same way.
11. Adjust the **Color Correct.** settings for green-to-red (G/R) and blue-to-yellow (B/Y) balance for all the levels on both projectors in the same way.
12. If you need to match more projectors, repeat these steps matching projector 3 to projector 2, 4 to 3, and so on.

**Parent topic:** Using Multiple Projectors

**Related concepts**

**Color Mode**
Viewing 3D Images

Using an optional polarizer and 3D glasses, you can use two projectors to project and view passive 3D images. See the instructions supplied with the optional equipment for setup and use.

For optimal viewing, select the 3D Images setting from the Signal menu and select one of the 3D color modes.

Parent topic: Adjusting Projector Features
Related concepts
Color Mode

Saving Settings to Memory and Using Saved Settings

You can save customized settings for each of your video inputs and then select the saved settings whenever you want to use them.

1. Turn on the projector and display an image.
2. Press the Menu button.
3. Select the Settings menu and press Enter.
4. Select the Memory setting and press Enter.

You see this screen:
5. Select one of the following options:
   - **Load Memory**: Overwrites your current settings with saved settings
   - **Save Memory**: Saves your current settings to memory (10 memories with different names are available)

   **Note**: A memory name that is being used is indicated by a green mark. Saving over a previously saved memory overwrites the settings with your current settings.

   - **Erase Memory**: Erases the selected memory settings
   - **Rename Memory**: Renames a saved memory

**Parent topic**: Adjusting Projector Features

## Saving a Scheduled Event

You can save a projector command such as turning the projector on or off, or switching input sources, as an "event" to the projector's schedule and have the projector automatically execute the command at the scheduled time.

**Note**: The Time/Schedule Protection setting in the Password Protection menu must be turned off to schedule an event.

1. Press the **Menu** button.
2. Select the **Extended** menu and press **Enter**.
3. Select the **Schedule Settings** setting and press **Enter**.
   The Schedule Settings screen appears.
4. Select the **Schedule** menu and press **Enter**.
5. Select **Add New** and press **Enter**.
6. In the Event Settings section, select the events you want to have occur. (Select **No Change** for events that you do not want to occur.)
7. In the Date/Time Settings section, set the date and time for the scheduled events to occur.
8. When you are finished, select **Save** and press **Enter**.
9. To schedule more events, repeat the previous 4 steps.
10. Select **Setup complete** and select **Yes** to save your changes.
Viewing Scheduled Events

You can view your scheduled events on the calendar displayed on the Schedule Settings screen. A colored rectangular box on the calendar indicates a scheduled event.

The colors indicate the following:

- One-time event
- Reoccurring event
- Communication is on/off
- Event is invalid

Editing a Scheduled Event

You can edit a scheduled event on the calendar displayed on the Schedule Settings screen.

1. Press the Menu button.
2. Select the Extended menu and press Enter.
3. Select the Schedule Settings setting and press Enter.

The Schedule Settings screen appears.
4. Press the left or right arrow buttons to highlight the date on the calendar containing the scheduled event you want to edit.

5. Press the up or down arrow buttons to highlight the event you want to edit, then press Esc.

6. Select from the following options:
   - **On/Off**: Enable or disable the selected event.
   - **Edit**: Edit the settings for the selected event.
   - **Clear**: Delete the selected event.
   - **Add New**: Add a new scheduled event.

7. When you are finished, select Return and press Enter.

8. Select **Setup complete** and select Yes to save your changes.

   **Note**: To delete all scheduled events, select **Schedule Reset** and select Yes.

**Parent topic:** Saving a Scheduled Event
Adjusting the Menu Settings

Follow the instructions in these sections to access the projector menu system and change projector settings.

Using the Projector's Menus
- Image Quality Settings - Image Menu
- Input Signal Settings - Signal Menu
- Projector Feature Settings - Settings Menu
- Projector Setup Settings - Extended Menu
- Projector Network Settings - Network Menu
- Projector Information Display - Info Menu
- Projector Reset Options - Reset Menu

Using the Projector's Menus

You can use the projector's menus to adjust the settings that control how your projector works. The projector displays the menus on the screen.

1. Press the Menu button on the control panel or remote control.

You see the menu screen displaying the Image menu settings.
2. Press the up or down arrow buttons to move through the menus listed on the left. The settings for each menu are displayed on the right.

   **Note:** The available settings depend on the current input source.

3. To change settings in the displayed menu, press **Enter**.
4. Press the up or down arrow button to move through the settings.
5. Change the settings using the buttons listed on the bottom of the menu screens.
6. To return all the menu settings to their default values, select **Reset**.
7. When you finish changing settings on a menu, press **Esc**.
8. Press **Menu** or **Esc** to exit the menus.

**Parent topic:** Adjusting the Menu Settings

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### Image Quality Settings - Image Menu

Settings on the Image menu let you adjust the quality of your image for the input source you are currently using. The available settings depend on the currently selected input source.
To change settings for an input source, make sure the source is connected and select that source.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Mode</td>
<td>See the list of available Color Modes</td>
<td>Adjusts the vividness of image colors for various image types and environments</td>
</tr>
<tr>
<td>Brightness</td>
<td>Varying levels available</td>
<td>Lightens or darkens the overall image</td>
</tr>
<tr>
<td>Contrast</td>
<td>Varying levels available</td>
<td>Adjusts the difference between light and dark areas of the image</td>
</tr>
<tr>
<td>Color Saturation</td>
<td>Varying levels available</td>
<td>Adjusts the intensity of the image colors</td>
</tr>
<tr>
<td>Tint</td>
<td>Varying levels available</td>
<td>Adjusts the balance of green to magenta tones in the image</td>
</tr>
<tr>
<td>Sharpness</td>
<td>Varying levels available</td>
<td>Adjusts the sharpness or softness of image details</td>
</tr>
<tr>
<td>Abs. Color Temp.</td>
<td>5000 to 10000 °K (Kelvin)</td>
<td>Sets the color tone based on color temperature</td>
</tr>
<tr>
<td>Setting</td>
<td>Options</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Advanced</td>
<td>Various options available</td>
<td>Adjusts the gamma levels and intensity of individual hues in the image</td>
</tr>
<tr>
<td>Auto Iris</td>
<td>On / Off</td>
<td>Adjusts the projected luminance based on the image brightness when certain Color Modes are selected</td>
</tr>
</tbody>
</table>

**Note:** The **Brightness** setting does not affect lamp brightness. To change the lamp brightness mode, use the **Power Consumption** setting.

**Parent topic:** Adjusting the Menu Settings

**Related references**

Available Color Modes

**Input Signal Settings - Signal Menu**

Normally the projector detects and optimizes the input signal settings automatically. If you need to customize the settings, you can use the Signal menu. The available settings depend on the currently selected input source.
**Note:** You can restore the default settings of the **Position**, **Tracking**, and **Sync** settings by pressing the **Auto** button on the remote control.

To change settings for an input source, make sure the source is connected and select that source.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Setup</td>
<td>On, Off</td>
<td>Automatically optimizes image quality from an analog RGB computer connection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(when On)</td>
</tr>
<tr>
<td>Resolution</td>
<td>Auto, Normal,</td>
<td>Sets the input signal resolution from an analog RGB computer connection</td>
</tr>
<tr>
<td></td>
<td>Wide, Manual</td>
<td><strong>Auto:</strong> detects the resolution automatically</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Normal:</strong> for 4:3 or 5:4 screens</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Wide:</strong> for widescreen</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Manual:</strong> allows you to specify a resolution</td>
</tr>
<tr>
<td>Tracking</td>
<td>Varying levels</td>
<td>Adjusts signal to eliminate vertical stripes in images from an analog RGB</td>
</tr>
<tr>
<td></td>
<td>available</td>
<td>computer connection</td>
</tr>
<tr>
<td>Sync.</td>
<td>Varying levels</td>
<td>Adjusts signal to eliminate fuzziness or flickering in images from an analog</td>
</tr>
<tr>
<td></td>
<td>available</td>
<td>RGB computer connection</td>
</tr>
<tr>
<td>Position</td>
<td>Up, down, left,</td>
<td>Adjusts the image location on the screen</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
</tr>
<tr>
<td>3D Setup</td>
<td>3D Images</td>
<td>Enables passive 3D images when projecting from 2 projectors</td>
</tr>
<tr>
<td>Setting</td>
<td>Options</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Progressive             | Off, Video, Film/Auto | Sets whether to convert interlaced-to-progressive signals for certain video image types  
|                         |                  | **Off**: for fast-moving video images  
|                         |                  | **Video**: for most video images  
<p>|                         |                  | <strong>Film/Auto</strong>: for movies, computer graphics, and animation  |
| Frame Interpolation     | Off, Low, Normal, High | Smooths fast moving video by comparing consecutive frames and inserting an intermediate frame between them  |
| (PowerLite Pro G6450WU/G6550WU/G6750WU/G6900WU) |                  |                                                                                                                                              |
| Noise Reduction         | Off, NR1, NR2    | Reduces flickering in analog images in two levels; cannot be set if Image Processing is set to <strong>Fast</strong>  |
| Mosquito NR             | On, Off          | Reduces the noise or artifacts seen around the edges of objects that is caused by the decompression of MPEG video; cannot be set if Image Processing is set to <strong>Fast</strong>  |
| Video Range             | Auto, Normal, Expanded | Sets the video range to match the setting of the device connected to the <strong>DisplayPort, HDMI, HDBaseT</strong> (PowerLite Pro G6750WU/G6800/G6900WU) and <strong>SDI</strong> (PowerLite Pro G6900WU) input ports  |</p>
<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Signal</td>
<td>Auto</td>
<td>Specifies the signal type from input sources connected to computer ports</td>
</tr>
<tr>
<td></td>
<td>RGB</td>
<td><strong>Auto</strong>: detects signals automatically</td>
</tr>
<tr>
<td></td>
<td>Component</td>
<td><strong>RGB</strong>: corrects color for computer/RGB video inputs</td>
</tr>
<tr>
<td></td>
<td>Component</td>
<td><strong>Component</strong>: corrects color for component video inputs</td>
</tr>
<tr>
<td>Video Signal</td>
<td>Auto</td>
<td>Specifies the signal type from the input sources connected to the video ports</td>
</tr>
<tr>
<td></td>
<td>Various video standards</td>
<td><strong>Auto</strong>: detects signals automatically</td>
</tr>
<tr>
<td>Aspect</td>
<td>See the list of available aspect ratios</td>
<td>Sets the aspect ratio (width-to-height ratio) for the selected input source</td>
</tr>
<tr>
<td>Scale</td>
<td>Various scale options</td>
<td>When using multiple projectors to project one image, adjusts the scale of the image displayed by each projector</td>
</tr>
<tr>
<td>Overscan</td>
<td>Auto</td>
<td>Changes the projected image ratio to make the edges visible by a selectable percentage or automatically</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td><strong>Auto</strong>: displays images quicker</td>
</tr>
<tr>
<td></td>
<td>4%</td>
<td><strong>Fine</strong>: displays images in higher quality</td>
</tr>
<tr>
<td></td>
<td>8%</td>
<td><strong>Fine</strong>: displays images in higher quality</td>
</tr>
</tbody>
</table>

**Image Processing**

**Fast**: displays images quicker
**Fine**: displays images in higher quality
### DisplayPort EQ Setting

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DisplayPort EQ Setting</td>
<td>1, 2</td>
<td>Adjusts the input signal level for the device connected to the DisplayPort connector. Change the setting to reduce interference or correct other image problems.</td>
</tr>
</tbody>
</table>

Parent topic: Adjusting the Menu Settings

Related references

Available Image Aspect Ratios

**Projector Feature Settings - Settings Menu**

Options on the Settings menu let you customize various projector features.

![Projector Feature Settings Menu](image)
<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geometric Correction</td>
<td>H/V-Keystone</td>
<td>Adjusts the projected image shape</td>
</tr>
</tbody>
</table>
|                          | Quick Corner               | **H/V Keystone**: lets you manually correct the angles of the horizontal and vertical sides
<p>|                          | Arc Correction             | <strong>Quick Corner</strong>: select to adjust the position of the four corners                                                                         |
|                          | (PowerLite Pro             | <strong>Arc Correction</strong>: select to adjust the curve or arc of the horizontal and vertical sides                                                  |
|                          | G6050W/G6150/G6450WU/G655  | <strong>Point Correction</strong>: select to display a grid and finely adjust the image position                                                        |
|                          | 0W/G6750WU)                | <strong>Curved Surface</strong>: select to adjust the image when projecting on a curved surface                                                        |
|                          | Corner Wall                | <strong>Corner Wall</strong>: select to adjust the image when projecting on a surface with a right angle                                                |
|                          | (PowerLite Pro             |                                                                                                                                            |
|                          | G6800/G6900WU)             |                                                                                                                                            |
| Split Screen             | —                           | Divides the viewing area horizontally and displays two images side-by-side; while in Split Screen mode, press <strong>Menu</strong> to display the Split Screen options or <strong>Esc</strong> to cancel split screen display |
| Control Panel Lock       | Full Lock                  | Controls projector button locking to secure the projector                                                                                   |
|                          | Partial Lock               | <strong>Full Lock</strong>: locks all buttons                                                                                                           |
|                          | Off                         | <strong>Partial Lock</strong>: locks all buttons except the power button                                                                               |
|                          |                             | <strong>Off</strong>: no buttons locked                                                                                                                 |</p>
<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
</table>
| Power Consumption | Normal | Selects the brightness mode of the projector lamp | **Normal**: sets maximum lamp brightness  
**Temp Interlock**: automatically dims the lamp if the surrounding temperature is too high for normal operation  
**ECO**: reduces lamp brightness and fan noise, and saves power and lamp life |
|                | Temp Interlock          |                                                                            |
|                | ECO                      |                                                                            |
| Volume         | Varying levels available | Adjusts the volume of the projector's speaker system                      |
| Remote Receiver| Front/Rear               | Limits reception of remote control signals by the selected remote control | **Front**
**Rear**
**Off** turns off all receivers |
| User Button    | User1                     | Assigns a menu option to the User1, User2, and User3 buttons on the remote | **User2**
**User3**
**Off** turns off all receivers |
| Test Pattern   | —                         | Displays a test pattern to assist in adjusting the image; press the left or | **Enter** on the control panel to cycle through the available test patterns, or **Esc** to cancel pattern display |
|                |                          |                                                                            |
| Memory         | Load Memory              | Save customized sets of settings to memory                                  |
|                | Save Memory              |                                                                            |
|                | Erase Memory             |                                                                            |
|                | Rename Memory            |                                                                            |
Projector Setup Settings - Extended Menu

Settings on the Extended menu let you customize various projector setup features that control its operation.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>—</td>
<td>See the next table in this topic</td>
</tr>
<tr>
<td>Closed Caption</td>
<td>Off, CC1, CC2</td>
<td>Controls use of closed captions and selects the closed caption type (closed captions are only visible for NTSC signals connected through the S-Video or Video ports)</td>
</tr>
<tr>
<td>User's Logo</td>
<td>—</td>
<td>Creates a screen that the projector displays to identify itself and enhance security</td>
</tr>
<tr>
<td>Setting</td>
<td>Options</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Projection</td>
<td>Front</td>
<td>Selects the way the projector faces the screen so the image is oriented correctly</td>
</tr>
<tr>
<td></td>
<td>Front/Ceiling</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rear</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rear Ceiling</td>
<td></td>
</tr>
<tr>
<td>Direction</td>
<td>Varying levels available</td>
<td>Selects the installation angle for the projector; the projector's fan may get louder depending on the direction angle selected</td>
</tr>
<tr>
<td>Operation</td>
<td>—</td>
<td>See the last table in the topic</td>
</tr>
<tr>
<td>A/V Settings</td>
<td>A/V Output</td>
<td>Selects various audio and video output settings</td>
</tr>
<tr>
<td></td>
<td>Monitor Out</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Audio Settings</td>
<td></td>
</tr>
</tbody>
</table>

**A/V Output**: select to output audio and video to an external device when the projector is in standby mode (Standby Mode must be turned on to use this setting)

**Monitor Out**: Select the image source to output to an external device when the projector is in standby mode. When set to **Auto**, an analog RGB signal from the **Computer** or **BNC** ports is output depending on which source was selected when the projector went into standby mode.

**Audio Settings**: Selects audio source to output
<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standby Mode</td>
<td>Communication On</td>
<td>Enable this setting to allow the following operations to occur when the projector is in standby mode:</td>
</tr>
<tr>
<td></td>
<td>Communication Off</td>
<td>• Monitor and control the projector over a network</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Output audio and video to an external device (A/V Output must be set to <strong>Always On</strong>)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Communication from the <strong>HDBaseT</strong> port (PowerLite Pro G6750WU/G6800/G6900WU)</td>
</tr>
<tr>
<td>HDBaseT (PowerLite Pro G6750WU/G6800/G6900WU)</td>
<td>Control Communications</td>
<td>When the projector is connected to the HDBaseT Transmitter, enables or disables communication from the Ethernet and serial ports on the transmitter; turning on this setting disables the projector’s <strong>LAN, RS-232C</strong>, and <strong>Remote</strong> ports</td>
</tr>
</tbody>
</table>
## Setting

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Projection</td>
<td>Brightness Level</td>
<td>Select various options when projecting from multiple projectors</td>
</tr>
<tr>
<td></td>
<td>(PowerLite Pro G6050W/G6150/G6550WU/G6750WU/G6800/G6900WU)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Edge Blending</td>
<td>Brightness Level: adjusts the brightness of the lamp; Power Consumption in the Settings menu must be set to Normal to use this setting</td>
</tr>
<tr>
<td></td>
<td>Multi-screen</td>
<td>Edge Blending: blends the border between multiple images to create a seamless screen</td>
</tr>
<tr>
<td></td>
<td>Projector ID</td>
<td>Multi-screen: adjusts the tint and brightness of each projected image</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Projector ID: sets the projector to a particular ID number which allows you to use a remote control to individually control projectors</td>
</tr>
<tr>
<td>Schedule Settings</td>
<td>—</td>
<td>Schedule specific operations to occur at a pre-scheduled time.</td>
</tr>
<tr>
<td>Language</td>
<td>Various languages available</td>
<td>Selects the language for projector menu and message displays (not changed by Reset option)</td>
</tr>
</tbody>
</table>

## Display settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Menu Position</td>
<td>—</td>
<td>Selects the position of the projector menu displayed on the screen</td>
</tr>
<tr>
<td>Messages</td>
<td>—</td>
<td>Controls whether messages are displayed on the screen</td>
</tr>
<tr>
<td>Setting</td>
<td>Options</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Display Background</td>
<td>—</td>
<td>Selects the screen color or logo to display when no signal is received</td>
</tr>
<tr>
<td>Startup Screen</td>
<td>—</td>
<td>Controls whether a special screen appears when the projector starts up</td>
</tr>
<tr>
<td>A/V Mute</td>
<td>—</td>
<td>Selects the screen color or logo to display when A/V Mute is turned on</td>
</tr>
<tr>
<td>Standby Confirmation</td>
<td>—</td>
<td>Displays a confirmation message after pressing the Standby button on the remote control</td>
</tr>
<tr>
<td>Air Filter Notice</td>
<td>—</td>
<td>Displays a message when a clog in the air filter is detected</td>
</tr>
<tr>
<td>Screen</td>
<td>—</td>
<td>Sets the aspect ratio and position of the projected image according to the type of screen being used</td>
</tr>
<tr>
<td>Panel Alignment</td>
<td>—</td>
<td>Corrects color misalignment in the projected image</td>
</tr>
<tr>
<td>Color Uniformity</td>
<td>—</td>
<td>Adjusts the color tone balance</td>
</tr>
</tbody>
</table>

**Operation settings**

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Power On</td>
<td>—</td>
<td>Turns on the projector when you plug it in</td>
</tr>
<tr>
<td>Sleep Mode</td>
<td>—</td>
<td>Automatically turns off the projector after an interval of inactivity</td>
</tr>
<tr>
<td>Sleep Mode Timer</td>
<td>—</td>
<td>Sets the time before the projector automatically turns off (Sleep Mode must be turned on)</td>
</tr>
<tr>
<td>Setting</td>
<td>Options</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>High Altitude Mode</td>
<td>—</td>
<td>Regulates the projector’s operating temperature at altitudes above 4921 feet (1500 m)</td>
</tr>
<tr>
<td>BNC Sync Termination</td>
<td>—</td>
<td>Sets the termination for the signal from the BNC port (normally should be off unless analog termination such as for switchers is necessary)</td>
</tr>
<tr>
<td>Remote Control Type</td>
<td>Normal, Simple</td>
<td>Select <strong>Normal</strong> to use the remote control that came with the projector or <strong>Simple</strong> to use a different Epson projector remote control (selecting <strong>Simple</strong> disables the remote control that came with the projector)</td>
</tr>
<tr>
<td>Inv Direction Button</td>
<td>—</td>
<td>Enable this setting if the projector is installed on a ceiling and you want to invert the arrow buttons on the control panel</td>
</tr>
<tr>
<td>Startup Source Search</td>
<td>—</td>
<td>Automatically detect the image signal being input when the projector is turned on</td>
</tr>
<tr>
<td>A/V Mute Release</td>
<td>A/V Mute, All</td>
<td>Select <strong>A/V Mute</strong> if you want to use only the <strong>A/V Mute</strong> button to turn off A/V mute or select <strong>All</strong> to use any button to turn it off</td>
</tr>
<tr>
<td>Beep</td>
<td>—</td>
<td>Turns on or off the beep that is played when the projector turns on or off</td>
</tr>
<tr>
<td>Lens Type</td>
<td>ELPLU01, Others</td>
<td>Select <strong>ELPLU01</strong> when the optional short throw lens (ELPLU01) is attached; otherwise leave this setting at <strong>Others</strong></td>
</tr>
<tr>
<td>Setting</td>
<td>Options</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>---------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Date &amp; Time</td>
<td>—</td>
<td>Adjusts the projector’s system time and date settings</td>
</tr>
</tbody>
</table>

Parent topic: Adjusting the Menu Settings

**Projector Network Settings - Network Menu**

Settings on the Network menu let you view network information and set up the projector for monitoring and control over a network.
<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Net. Info - Wireless LAN** (PowerLite Pro G6050W/G6150/G6450WU/G650WU/G6750WU) | Connection mode  
Antenna level  
Projector Name  
SSID  
DHCP  
IP Address  
Subnet Mask  
Gateway Address  
MAC Address  
Region Code | Displays wireless network status and details |
| **Net. Info - Wired LAN**  | Projector Name  
DHCP  
IP Address  
Subnet Mask  
Gateway Address  
MAC Address | Displays wired network status and details |
| **Network Configuration** | Accesses additional network menus | Configures your network settings |

Parent topic: Adjusting the Menu Settings

Related concepts
- Wired Network Projection
- Wireless Network Projection

**Projector Information Display - Info Menu**

You can display information about the projector and input sources by viewing the Info menu. However, you cannot change any settings in the menu.
Note: The lamp usage timer does not register any hours until you have used the lamp for at least 10 hours. Available settings depend on the current input source.

<table>
<thead>
<tr>
<th>Information item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp Hours</td>
<td>Displays the number of hours (H) the lamp has been used in <strong>Normal</strong> and <strong>ECO</strong> Power Consumption modes; if the information is displayed in yellow, obtain a genuine Epson replacement lamp soon.</td>
</tr>
<tr>
<td>Source</td>
<td>Displays the name of the port to which the current input source is connected.</td>
</tr>
<tr>
<td>Input Signal</td>
<td>Displays the input signal setting of the current input source.</td>
</tr>
<tr>
<td>Resolution</td>
<td>Displays the resolution of the current input source.</td>
</tr>
<tr>
<td>Video Signal</td>
<td>Displays the video signal format of the current input source.</td>
</tr>
<tr>
<td>Refresh Rate</td>
<td>Displays the refresh rate of the current input source.</td>
</tr>
<tr>
<td>Sync Info</td>
<td>Displays information that may be needed by a service technician.</td>
</tr>
<tr>
<td>Status</td>
<td>Displays information about projector problems that may be needed by a service technician.</td>
</tr>
<tr>
<td>Serial Number</td>
<td>Displays the projector’s serial number.</td>
</tr>
<tr>
<td>Event ID Code List</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Event ID Code List</strong></td>
<td></td>
</tr>
<tr>
<td>If the <strong>Event ID</strong> option on the Info menu displays a code number, check this list of Event ID codes for the solution to the projector problem associated with the code.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Event ID code</th>
<th>Cause and solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>0432</td>
<td>The EasyMP Network Projection program did not start. Turn the projector off and then on again.</td>
</tr>
<tr>
<td>0435</td>
<td>Unstable network communication. Check the network communication status, wait a few moments, and try connecting to the network again.</td>
</tr>
<tr>
<td>0434</td>
<td>Cannot display the transferred images. Restart the EasyMP Network Projection program.</td>
</tr>
<tr>
<td>0481</td>
<td>Communication with computer was disconnected. Restart the EasyMP Network Projection program.</td>
</tr>
<tr>
<td>0482</td>
<td>The EasyMP Network Projection program quit unexpectedly. Check the network communication status, then turn the projector off and then on again.</td>
</tr>
<tr>
<td>0485</td>
<td>A projector system error has occurred. Turn the projector off and then on again.</td>
</tr>
<tr>
<td>0891</td>
<td>Cannot find an access point with the same SSID. Set your computer, access point, and projector to the same SSID.</td>
</tr>
<tr>
<td>0892</td>
<td>The WPA/WPA2 authentication type does not match. Make sure the wireless network security settings are correct.</td>
</tr>
<tr>
<td>Event ID code</td>
<td>Cause and solution</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>0893</td>
<td>The WEP/TKIP/AES encryption type does not match. Make sure the wireless network security settings are correct.</td>
</tr>
<tr>
<td>0894</td>
<td>Communication with unauthorized access point was disconnected. Contact your network administrator.</td>
</tr>
<tr>
<td>0898</td>
<td>Failed to acquire DHCP. Make sure the DHCP server is operating correctly. If you are not using DHCP, turn off the DHCP setting in the Network menus.</td>
</tr>
<tr>
<td>0899</td>
<td>Communication error. Restart the EasyMP Network Projection program.</td>
</tr>
<tr>
<td>089A</td>
<td>The projector’s EAP authentication type does not match the network. Check the wireless LAN security settings and make sure that the security certificate is installed correctly.</td>
</tr>
<tr>
<td>089B</td>
<td>EAP server authentication failed. Check the wireless LAN security settings and make sure that the security certificate is installed correctly.</td>
</tr>
<tr>
<td>089C</td>
<td>EAP client authentication failed. Check the wireless LAN security settings and make sure that the security certificate is installed correctly.</td>
</tr>
<tr>
<td>089D</td>
<td>Key exchange failed.</td>
</tr>
</tbody>
</table>

**Parent topic:** Projector Information Display - Info Menu

**Projector Reset Options - Reset Menu**

You can reset most of the projector settings to their default values using the *Reset All* option on the Reset menu.

You can also reset the projector’s lamp usage timer to zero when you replace the lamp using the *Reset Lamp Hours* option, or reset the saved names and settings in the Save Memory list using the *Reset Memory* option.
You cannot reset the following settings using the **Reset All** option:

- Input Signal
- User's Logo
- Language
- Network menu items
- Lamp Hours
- Password
- Multi-screen
- Date & Time
- Panel Alignment
- Color Uniformity

**Parent topic:** Adjusting the Menu Settings
Maintaining and Transporting the Projector

Follow the instructions in these sections to maintain your projector and transport it from place to place.

Projector Maintenance
Transporting the Projector

Projector Maintenance

Your projector needs little maintenance to keep working at its best.

You may need to clean the lens periodically, and clean the air filter and air vents to prevent the projector from overheating due to blocked ventilation.

The only parts you should replace are the lamp, air filter, and remote control batteries. If any other part needs replacing, contact Epson or an authorized Epson servicer.

Warning: Before cleaning any part of the projector, turn it off and unplug the power cord. Never open any cover on the projector, except as specifically explained in this manual. Dangerous electrical voltages in the projector can injure you severely.

Warning: Do not try to service this product yourself, except as specifically explained in this manual. Refer all other servicing to qualified servicers.

Cleaning the Lens
Cleaning the Projector Case
Air Filter and Vent Maintenance
Projector Lamp Maintenance
Replacing the Remote Control Batteries

Parent topic: Maintaining and Transporting the Projector

Cleaning the Lens

Clean the projector's lens periodically, or whenever you notice dust or smudges on the surface.

• To remove dust or smudges, gently wipe the lens with lens-cleaning paper.
• To remove stubborn smudges, moisten a soft, lint-free cloth with lens cleaner and gently wipe the lens. Do not spray any liquid directly on the lens.

**Warning:** Do not use a lens cleaner that contains flammable gas. The high heat generated by the projector lamp may cause a fire.

**Caution:** Do not use glass cleaner or any harsh materials to clean the lens and do not subject the lens to any impacts; you may damage it. Do not use canned air, or the gases may leave a residue. Avoid touching the lens with your bare hands to prevent fingerprints on or damage to the lens surface.

Parent topic: Projector Maintenance

## Cleaning the Projector Case

Before cleaning the projector case, turn off the projector and unplug the power cord.

• To remove dust or dirt, use a soft, dry, lint-free cloth.

• To remove stubborn dirt, use a soft cloth moistened with water and mild soap. Do not spray liquid directly on the projector.

**Caution:** Do not use wax, alcohol, benzene, paint thinner, or other chemicals to clean the projector case. These can damage the case. Do not use canned air, or the gases may leave a flammable residue.

Parent topic: Projector Maintenance

## Air Filter and Vent Maintenance

Regular filter maintenance is important to maintaining your projector. Your Epson projector is designed with an easily accessible, user-replaceable filter to protect your projector and make regular maintenance simple. Filter maintenance intervals will depend on the environment.

If regular maintenance is not performed, your Epson projector will notify you when the temperature inside the projector has reached a high level. Do not wait until this warning appears to maintain your projector filter as prolonged exposure to high temperatures may reduce the life of your projector or lamp.

Damage due to the failure to properly maintain the projector or its filter may not be covered by the projector or lamp Limited Warranties.

Cleaning the Air Filter
Replacing the Air Filter

Parent topic: Projector Maintenance
Cleaning the Air Filter

You need to clean the projector’s air filter in the following situations:

- The filter or vents get dusty.
- You see a message telling you to clean it.
- The projector's filter light flashes green.

1. Turn off the projector and unplug the power cord.
2. Slide the air filter cover latch and open the air filter cover.
3. Pull the air filter out of the projector.

4. Tap each side of the air filter 4 to 5 times to shake off any excess dust.

**Caution:** Do not use excessive force when tapping the air filter, or it may crack and become unusable. Do not rinse the air filter in water, or use any detergent or solvent to clean it. Do not use canned air; the gases may leave a residue, or push dust and debris into the projector’s optics or other sensitive areas.
5. Vacuum the front of the air filter (the side with the tabs) to remove any remaining dust.

Note: If dust is difficult to remove or the air filter is damaged, replace the air filter.

6. Place the air filter back in the projector as shown and push gently until it clicks into place.

7. Close the air filter cover.

Parent topic: Air Filter and Vent Maintenance
Replacing the Air Filter

You need to replace the air filter in the following situations:

• After cleaning the air filter, you see a message telling you to clean or replace it
• The air filter is torn or damaged

You can replace the air filter while the projector is mounted to the ceiling or placed on a table.

1. Turn off the projector and unplug the power cord.
2. Slide the air filter cover latch and open the air filter cover.
3. Pull the air filter out of the projector.

Note: Air filters contain polypropylene. Dispose of used air filters according to local regulations.

4. Place the new air filter in the projector as shown and push gently until it clicks into place.

5. Close the air filter cover.
Projector Lamp Maintenance

The projector keeps track of the number of hours the lamp is used and displays this information in the projector’s menu system.

Replace the lamp as soon as possible when the following occurs:

- The projected image gets darker or starts to deteriorate
- A message appears when you turn on the projector telling you to replace the lamp
- The projector’s lamp light is flashing orange

Replacing the Lamp

Before you replace the lamp, let the projector cool down for at least one hour so the lamp will not be hot.

Warning: Let the lamp fully cool before replacing it to avoid injury.

You can replace the lamp while the projector is mounted to the ceiling, if necessary.

1. Turn off the projector and unplug the power cord.
2. Allow the projector lamp to cool down for at least one hour.
3. Use the screwdriver included with the replacement lamp to loosen the screws securing the lamp cover, and then remove the lamp cover.

Warning: If the lamp is broken, glass fragments may be loose inside the lamp chamber. Be careful removing any broken glass to avoid injury.

4. Loosen the screws securing the lamp to the projector. The screws do not come all the way out.
5. Hold the lamp by its handle and gently pull it out of the projector.

**Note:** The lamp(s) in this product contain mercury. Please consult your state and local regulations regarding disposal or recycling. Do not put in the trash.

6. Gently insert the new lamp into the projector. If it does not fit easily, make sure it is facing the right way.
Caution: Do not touch any glass on the lamp assembly to avoid premature lamp failure.

7. Push in the lamp firmly and tighten the screws to secure it.

![Diagram of lamp assembly]

8. Replace the lamp cover and tighten the screws to secure it.

![Diagram of lamp cover installation]

Note: Be sure the lamp cover is securely installed or the lamp will not come on.

Reset the lamp timer to zero to keep track of the new lamp’s usage.

Parent topic: Projector Lamp Maintenance
Resetting the Lamp Timer

You must reset the lamp timer after replacing the projector’s lamp to clear the lamp replacement message and to keep track of lamp usage correctly.

**Note:** Do not reset the lamp timer if you have not replaced the lamp to avoid inaccurate lamp usage information.

1. Turn on the projector.
2. Press the **Menu** button.
3. Select the **Reset** menu and press **Enter**.
4. Select **Reset Lamp Hours** and press **Enter**.
   You see a prompt asking if you want to reset the lamp hours.
5. Select **Yes** and press **Enter**.
6. Press **Menu** or **Esc** to exit the menus.
Replacing the Remote Control Batteries

The remote control uses two AA manganese or alkaline batteries. Replace the batteries as soon as they run out.

Caution: Use only the type of batteries specified in this manual. Do not install batteries of different types, or mix new and old batteries.

1. Open the battery cover as shown.

2. Remove the old batteries.

Warning: If the battery fluid has leaked, wipe it away with a soft cloth and avoid getting the fluid on your hands. If it gets on your hands, wash them immediately to avoid injury.
3. Insert the batteries with the + and – ends facing as shown.

4. Close the battery cover and press it down until it clicks into place.

**Warning:** Dispose of used batteries according to local regulations. Do not expose batteries to heat or flame. Keep batteries out of the reach of children; they are choking hazards and are very dangerous if swallowed.

**Parent topic:** Projector Maintenance

**Related references**

Remote Control Operation
Transporting the Projector

The projector contains precision parts, some of which are glass. Follow these guidelines to transport or ship the projector safely:

• Remove any equipment connected to the projector.

• Do one of the following:
  • If you are using the standard zoom lens, keep it installed on the projector.
  • If you are using an optional lens unit, remove it from the projector.
  • If the projector did not come with a lens, attach the cover that was included with the projector to the lens mount.

• Center the lens using lens shift.

• Attach the protective lens pad that was included with the projector.

• When transporting the projector a long distance or as checked luggage, pack it in a firm box with cushioning around it and mark the box "Fragile."

• When shipping the projector for repairs, place it in its original packing materials, if possible, or use equivalent materials with cushioning around the projector. Mark the box "Fragile."

Note: Epson shall not be liable for any damages incurred during transportation.

Parent topic: Maintaining and Transporting the Projector
Solving Problems

Check the solutions in these sections if you have any problems using the projector.

- Projection Problem Tips
- Projector Light Status
- Using the Projector Help Displays
- Solving Image or Sound Problems
- Solving Projector or Remote Control Operation Problems
- Solutions When Network Alert E-Mails are Not Received
- Where to Get Help

Projection Problem Tips

If the projector is not working properly, try turning it off and unplugging it. Then plug it back in and turn it on.

If this does not solve the problem, check the following:

- The lights on the projector may indicate what the problem is.
- The projector’s Help system can display information about common problems, if the projector is operating.
- The solutions in this manual can help you solve many problems.

If none of these solutions help, you can contact Epson for technical support.

Parent topic: Solving Problems

Projector Light Status

The lights on the projector’s control panel indicate the projector status and let you know when a problem occurs. Check the status and color of the lights and look for a solution in the table here.
1. Power light
2. Lamp light
3. Temp (temperature) light
4. Filter light

<table>
<thead>
<tr>
<th>Power light</th>
<th>Lamp light</th>
<th>Temp light</th>
<th>Filter light</th>
<th>Status and solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
<td>Normal operation.</td>
</tr>
<tr>
<td>Flashing green</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
<td>Warming up. Wait for an image to appear.</td>
</tr>
<tr>
<td>Orange</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
<td>Standby or sleep mode.</td>
</tr>
<tr>
<td>Flashing orange</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
<td>Preparing network monitoring or shutting down. (Wait for the light to remain orange before unplugging the projector.)</td>
</tr>
<tr>
<td>Power light</td>
<td>Lamp light</td>
<td>Temp light</td>
<td>Filter light</td>
<td>Status and solution</td>
</tr>
<tr>
<td>--------------</td>
<td>------------</td>
<td>----------------</td>
<td>--------------</td>
<td>-------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Flashing red</td>
<td>Off</td>
<td>Flashing orange</td>
<td>Off</td>
<td>Projector is too hot. Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects. Make sure the environmental temperature is not too hot.</td>
</tr>
<tr>
<td>Red</td>
<td>Off</td>
<td>Red</td>
<td>Off</td>
<td>Projector has overheated and turned off. Leave it turned off to cool down for five minutes. Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects. Clean or replace the air filter. If operating the projector at high altitude, turn on High Altitude Mode. If the problem persists, unplug the projector and contact Epson for help.</td>
</tr>
<tr>
<td>Red</td>
<td>Flashing red</td>
<td>Off</td>
<td>Off</td>
<td>Lamp has a problem. Check to see if the lamp is burned out, broken, or installed incorrectly. Reseat or replace the lamp as necessary. Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects. If operating the projector at high altitude, turn on High Altitude Mode. If the problem persists, unplug the projector and contact Epson for help.</td>
</tr>
<tr>
<td>On</td>
<td>Off</td>
<td>Off</td>
<td>Flashing green</td>
<td>It is time to clean the air filter.</td>
</tr>
<tr>
<td>Power light</td>
<td>Lamp light</td>
<td>Temp light</td>
<td>Filter light</td>
<td>Status and solution</td>
</tr>
<tr>
<td>------------</td>
<td>------------</td>
<td>------------</td>
<td>--------------</td>
<td>---------------------</td>
</tr>
</tbody>
</table>
| On         | Off        | Off        | Flashing orange | Low air flow through the projector.  
• Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects.  
• Clean or replace the air filter.  
• If the problem persists, unplug the projector and contact Epson for help. |
| On         | Off        | Off        | Orange       | No air filter. Check to see if the air filter is securely installed. |
| Red        | Off        | Off        | Red          | Low air flow through the air filter.  
• Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects.  
• Clean or replace the air filter.  
• If the problem persists, unplug the projector and contact Epson for help. |
| On         | Flashing orange | Off | Off | The lamp is past its replacement period and needs to be replaced to avoid damage. Do not continue using the projector. |
| Red        | Off        | Flashing red | Off | A fan or sensor has a problem. Turn the projector off, unplug it, and contact Epson for help. |
| Red or flashing red | Flashing red | Flashing red | Off | Internal projector error or air exhaust vent error. Turn the projector off, unplug it, and contact Epson for help. |
| Red        | Off        | Off        | Flashing red | The air flow sensor has a problem. Turn the projector off, unplug it, and contact Epson for help. |

**Note:** If the lights display a pattern not listed in the table above, turn the projector off, unplug it, and contact Epson for help.
Using the Projector Help Displays

You can display information to help you solve common problems using the projector's Help system.

1. Turn on the projector.
2. Press the Help button on the remote control.
   You see the Help menu.
3. Use the up and down arrow buttons to highlight the problem you want to solve.
4. Press Enter to view the solutions.
5. When you are finished, do one of the following:
   • To select another problem to solve, press Esc.
   • To exit the help system, press Help.

Solving Image or Sound Problems

Check the solutions in these sections if you have any problems with projected images or sound.

Solutions When No Image Appears
Solutions When "No Signal" Message Appears
Solutions When "Not Supported" Message Appears
Solutions When Only a Partial Image Appears
Solutions When the Image is Not Rectangular
Solutions When the Image Contains Noise or Static
Solutions When the Image is Fuzzy or Blurry
Solutions When the Image Brightness or Colors are Incorrect
Solutions to Sound Problems

Parent topic: Solving Problems

Solutions When No Image Appears

If no image appears, try the following solutions:

- Press the A/V Mute button on the remote control to see if the image was temporarily turned off.
- Make sure all necessary cables are securely connected and the power is on for the projector and connected video sources.
- Press the projector's power button to wake it from standby or sleep mode. Also see if your connected computer is in sleep mode or displaying a blank screen saver.
- Check the settings on the Signal menu to make sure they are correct for the current video source.
- Adjust the Brightness setting or select the Normal Power Consumption setting.
- Check the Display setting to make sure Messages is set to On.
- If the projector does not respond when you press the control panel buttons, the buttons may be locked. Unlock the buttons.
- If the projector does not respond when you press buttons on the remote control, make sure the remote receivers are turned on.
- For images projected with Windows Media Center, reduce the screen size from full screen mode.
- For images projected from applications using Windows DirectX, turn off DirectX functions.
- If you connected through the DisplayPort, change the DisplayPort EQ Setting in the Signal menu.

Parent topic: Solving Image or Sound Problems

Related concepts
Projector Connections

Related references
Image Quality Settings - Image Menu
Input Signal Settings - Signal Menu
Projector Feature Settings - Settings Menu

Related tasks
Unlocking the Projector’s Buttons
Solutions When "No Signal" Message Appears

If the "No Signal" message appears, try the following solutions:

- Press the Source Search or Search button and wait a few seconds for an image to appear.
- Turn on the connected computer or video source, and press its play button to begin your presentation, if necessary.
- Check the connection from the projector to your video sources.
- If you are projecting from a laptop computer, make sure it is set up to display on an external monitor.
- If necessary, turn the projector and the connected computer or video source off and then on again.

Displaying From a PC Laptop
Displaying From a Mac Laptop

Parent topic: Solving Image or Sound Problems

Related concepts
Projector Connections

Displaying From a PC Laptop

If you see the "No Signal" message when you display from a PC laptop, you need to set up the laptop to display on an external monitor.

1. Hold down the laptop's Fn key and press the key labelled with a monitor icon or CRT/LCD. (See your laptop manual for details.) Wait a few seconds for an image to appear.
2. To display on both the laptop's monitor and the projector, try pressing the same keys again.
3. If the same image is not displayed by the laptop and projector, check the Windows Display utility to make sure the external monitor port is enabled and extended desktop mode is disabled. (See your computer or Windows manual for instructions.)
4. If necessary, check your video card settings and set the multiple display option to Clone or Mirror.

Displaying From a Mac Laptop

If you see the "No Signal" message when you display from a Mac laptop, you need to set up the laptop for mirrored display. (See your laptop manual for details.)

1. Open the System Preferences utility and select Displays.
2. Select the Display or Color LCD option, if necessary.
3. Click the Arrange or Arrangement tab.
4. Select the **Mirror Displays** checkbox.

**Parent topic:** Solutions When "No Signal" Message Appears

### Solutions When "Not Supported" Message Appears

If the "Not Supported" message appears, try the following solutions:

- Make sure the correct input signal is selected on the Signal menu.
- Make sure the computer's display resolution does not exceed the projector's resolution and frequency limit. If necessary, select a different display resolution for your computer. (See your computer manual for details.)

**Parent topic:** Solving Image or Sound Problems

**Related references**

- Input Signal Settings - Signal Menu
- Supported Video Display Formats

### Solutions When Only a Partial Image Appears

If only a partial computer image appears, try the following solutions:

- Press the **Auto** button on the remote control to optimize the image signal.
- Make sure you selected the correct **Screen Type** setting for the screen being used.
- Make sure the **Scale** setting in the Extended menu is turned off.
- Try adjusting the image position using the **Screen Position** menu setting.
- Press the **Aspect** button on the remote control to select a different image aspect ratio.
- If you zoomed into or out of the image using the **E-Zoom** buttons, press the **Esc** button until the projector returns to a full display.
- Check your computer display settings to disable dual display and set the resolution within the projector's limits. (See your computer manual for details.)
- Check the resolution assigned to your presentation files to see if they are created for a different resolution than you are projecting in. (See your software help for details.)

**Parent topic:** Solving Image or Sound Problems

**Related references**

- Input Signal Settings - Signal Menu
- Projector Setup Settings - Extended Menu
Solutions When the Image is Not Rectangular

If the projected image is not evenly rectangular, try the following solutions:

• Place the projector directly in front of the center of the screen, facing it squarely, if possible.
• Adjust the image shape using the Geometric Correction menu settings.

Parent topic: Solving Image or Sound Problems

Related concepts
Image Shape

Related references
Projector Feature Settings - Settings Menu

Solutions When the Image Contains Noise or Static

If the projected image seems to contain electronic interference (noise) or static, try the following solutions:

• Check the cables connecting your computer or video source to the projector. They should be:
  • Separated from the power cord to prevent interference
  • Securely connected at both ends
  • Not connected to an extension cable
  • No longer than 10 feet

• Check the settings on the projector's Signal menu to make sure they match the video source. If available for your video source, adjust the Progressive and Noise Reduction settings.

• Select a computer video resolution and refresh rate that are compatible with the projector.

• If you are projecting from a computer, press the Auto button on the remote control to automatically adjust the Tracking and Sync settings.

• If you connected an extension power cable, try projecting without it to see if it caused interference in the signal.

• If you connected through the DisplayPort, change the DisplayPort EQ Setting in the Signal menu.
Solutions When the Image is Fuzzy or Blurry

If the projected image is fuzzy or blurry, try the following solutions:

- Adjust the image focus.
- Clean the projector lens.

**Note**: To avoid condensation on the lens after bringing the projector in from a cold environment, let the projector warm up to room temperature before using it.

- Position the projector close enough to the screen.
- Position the projector so the keystone adjustment angle is not so wide that it distorts the image.
- Adjust the **Sharpness** setting to improve image quality.
- If you are projecting from a computer, press the **Auto** button on the remote control to automatically adjust the tracking and sync. If any bands or overall blurriness remain, display a uniformly patterned image on the screen and manually adjust the **Tracking** and **Sync** settings.
- If you are projecting from a computer, use a lower resolution.
Solutions When the Image Brightness or Colors are Incorrect

If the projected image is too dark or light, or the colors are incorrect, try the following solutions:

- Press the **Color Mode** button on the remote control to try different color modes for the image and environment.
- Check your video source settings.
- Adjust the available settings on the Image menu for the current input source, such as **Brightness**, **Contrast**, **Tint**, **Color Adjustment**, and/or **Color Saturation**.
- Make sure you selected the correct **Input Signal** or **Video Signal** setting on the Signal menu, if available for your image source.
- Make sure all the cables are securely connected to the projector and your video device. If you connected long cables, try connecting shorter cables.
- If you are using the **ECO** Power Consumption setting, try selecting **Normal** in the projector’s menus.
- Position the projector close enough to the screen.
- If the image has been progressively darkening, you may need to replace the projector lamp soon.

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**Parent topic:** Solving Image or Sound Problems

**Related concepts**
- Projector Lamp Maintenance

**Related references**
- Input Signal Settings - Signal Menu
- Image Quality Settings - Image Menu
- Projector Feature Settings - Settings Menu

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Solutions to Sound Problems

If there is no sound when you expect it or the volume is too low or high, try the following solutions:

- Adjust the projector’s volume settings.
- Press the **A/V Mute** button on the remote control to resume video and audio if they were temporarily stopped.
- Press the **Source Search** or **Search** button to switch to the correct input source, if necessary.
- Check your computer or video source to make sure the volume is turned up and the audio output is set for the correct source.
- Check the audio cable connections between the projector and your video source.
• If you do not hear sound from an HDMI source, set the connected device to PCM output.
• Make sure any connected audio cables are labeled "No Resistance".
• If you are using a Mac and you do not hear sound from an HDMI source, make sure your Mac supports audio through the HDMI port. If not, you need to connect an audio cable.
• If you want to use a connected audio source when the projector is off, set the Standby Mode option to Communication On and make sure the A/V Settings options are set correctly.
• You must connect external speakers to the projector to hear sound (PowerLite Pro G6800/G6900WU).
• If you turn the projector on immediately after turning it off, the cooling fans may run at high speed momentarily and cause an unexpected noise. This is normal.

Parent topic: Solving Image or Sound Problems
Related references
Projector Setup Settings - Extended Menu
Related tasks
Connecting to a Computer for Sound
Connecting to a Video Source for Sound
Connecting to External Speakers

Solving Projector or Remote Control Operation Problems
Check the solutions in these sections if you have problems operating the projector or remote control.

Solutions to Projector Power or Shut-Off Problems
Solutions to Problems with the Remote Control
Solutions to Password Problems

Parent topic: Solving Problems

Solutions to Projector Power or Shut-Off Problems
If the projector does not come on when you press the power button or it shuts off unexpectedly, try the following solutions:
• Make sure the power cord is securely connected to the projector and to a working electrical outlet.
• The projector's buttons may be locked for security. Unlock the buttons or use the remote control to turn on the projector.
• The power cord may be defective. Disconnect the cord and contact Epson.
• If the projector’s lamp shuts off unexpectedly, it may have entered sleep mode after a period of inactivity. Begin a presentation to wake the projector.

• If the projector’s lamp shuts off and the power and Temp lights are red, the projector has overheated and shut off. Check the solutions for this light status.

• If the power button on the remote control does not turn on the projector, check its batteries and make sure the Remote Receiver setting is turned on in the projector’s menu, if available.

Parent topic: Solving Projector or Remote Control Operation Problems

Related references
Projector Feature Settings - Settings Menu
Projector Light Status

Related tasks
Unlocking the Projector's Buttons

Solutions to Problems with the Remote Control

If the projector does not respond to remote control commands, try the following solutions:

• Check that the remote control batteries are installed correctly and have power. If necessary, replace the batteries.

• Make sure you are operating the remote control within the reception angle and range of the projector.

• Make sure the projector is not warming up or shutting down.

• Check to see if a button on the remote control is stuck down, causing it to enter sleep mode. Release the button to wake the remote control up.

• Strong fluorescent lighting, direct sunlight, or infrared device signals may be interfering with the projector’s remote receivers. Dim the lights or move the projector away from the sun or interfering equipment.

• If available, turn off one of the remote receivers in the projector’s menu system, or check if all the remote receivers were turned off.

• If you assigned an ID number to the remote control to operate multiple projectors, you may need to check or change the ID setting (feature not available with all projectors).

• Make sure the Remote Control Type setting in the Extended menu is set to Normal if you are using the remote control that came with the projector.

• If you lose the remote control, you can order another one from Epson.

Parent topic: Solving Projector or Remote Control Operation Problems
Related references
Projector Feature Settings - Settings Menu
Optional Equipment and Replacement Parts
Remote Control Operation

Solutions to Password Problems
If you cannot enter or remember a password, try the following solutions:
• You may have turned on password protection without first setting a password. Try entering 0000 using the remote control.
• If you have entered an incorrect password too many times and see a message displaying a request code, write down the code and contact Epson. Provide the request code and proof of ownership for assistance in unlocking the projector.
• If you lose the remote control you cannot enter a password. Order a new one from Epson.

Parent topic: Solving Projector or Remote Control Operation Problems

Solutions When Network Alert E-Mails are Not Received
If you do not receive an e-mail alerting you to problems with a projector over the network, try the following solutions:
• Make sure the projector is turned on and connected to the network correctly. (If an error shut down the projector, it cannot send an e-mail.)
• Make sure you set up the projector e-mail alert settings correctly on the projector’s network Mail menu or in the network software.
• Set the Standby Mode setting to Communication On so the network software can monitor the projector in standby mode.

Parent topic: Solving Problems

Where to Get Help
If you need to contact Epson for technical support services, use the following support options.

Internet Support
Visit Epson’s support website at epson.com/support (U.S.) or epson.ca/support (Canada) for solutions to common problems with your projector. You can download utilities and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.
Speak to a Support Representative

To use the Epson PrivateLine Support service, call (800) 637-7661. This service is available for the
duration of your warranty period. You may also speak with a projector support specialist by dialing (562)
276-4394 (U.S.) or (905) 709-3839 (Canada).

Support hours are 6 AM to 8 PM, Pacific Time, Monday through Friday and 7 AM to 4 PM, Pacific Time,
Saturday.

Days and hours of support are subject to change without notice. Toll or long distance charges may
apply.

Before you call, have the following information ready:
• Product name
• Product serial number (located on the bottom or rear of the projector, or in the menu system)
• Proof of purchase (such as a store receipt) and date of purchase
• Computer or video configuration
• Description of the problem

Purchase Supplies and Accessories

You can purchase screens, other optional accessories, and replacement parts from an Epson authorized
reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online
at epsonstore.com (U.S. sales) or epson.ca (Canadian sales).

To purchase a replacement remote control, call (562) 276-4394 (U.S.) or (905) 709-3839 (for dealer
referral in Canada).

Parent topic: Solving Problems
## Technical Specifications

These sections list the technical specifications of your projector.

**General Projector Specifications**

**Projector Lamp Specifications**

**Remote Control Specifications**

**Projector Dimension Specifications**

**Projector Electrical Specifications**

**Projector Environmental Specifications**

**Projector Safety and Approvals Specifications**

**Supported Video Display Formats**

### General Projector Specifications

<table>
<thead>
<tr>
<th>Type of display</th>
<th>Poly-silicon TFT active matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td><strong>PowerLite Pro G6050W:</strong></td>
</tr>
<tr>
<td></td>
<td>1280 × 800 pixels (WXGA)</td>
</tr>
<tr>
<td></td>
<td><strong>PowerLite Pro G6150/G6800:</strong></td>
</tr>
<tr>
<td></td>
<td>1024 × 768 pixels (XGA)</td>
</tr>
<tr>
<td></td>
<td><strong>PowerLite Pro G6450WU/G6550WU/G6750WU/G6900WU:</strong></td>
</tr>
<tr>
<td></td>
<td>1920 × 1200 pixels (WUXGA)</td>
</tr>
<tr>
<td>Lens</td>
<td>F=1.65 to 2.55</td>
</tr>
<tr>
<td></td>
<td>Focal length: 21.28 to 37.94 mm</td>
</tr>
<tr>
<td>Color reproduction</td>
<td>Full color, 1073.74 million colors</td>
</tr>
<tr>
<td>Brightness</td>
<td><strong>PowerLite Pro G6050W:</strong></td>
</tr>
<tr>
<td></td>
<td>Normal or Temp Interlock Power Consumption mode:</td>
</tr>
<tr>
<td></td>
<td>White light output 5500 lumens (ISO 21118 standard)</td>
</tr>
<tr>
<td></td>
<td>Color light output 5500 lumens</td>
</tr>
<tr>
<td></td>
<td>ECO Power Consumption mode:</td>
</tr>
<tr>
<td></td>
<td>White light output 4455 lumens (ISO 21118 standard)</td>
</tr>
</tbody>
</table>

205
PowerLite Pro G6150:
Normal or Temp Interlock Power Consumption mode:
White light output 6500 lumens (ISO 21118 standard)
Color light output 6500 lumens
ECO Power Consumption mode:
White light output 4940 lumens (ISO 21118 standard)

PowerLite Pro G6450WU:
Normal or Temp Interlock Power Consumption mode:
White light output 4500 lumens (ISO 21118 standard)
Color light output 4500 lumens
ECO Power Consumption mode:
White light output 3915 lumens (ISO 21118 standard)

PowerLite Pro G6550WU:
Normal or Temp Interlock Power Consumption mode:
White light output 5200 lumens (ISO 21118 standard)
Color light output 5200 lumens
ECO Power Consumption mode:
White light output 3952 lumens (ISO 21118 standard)

PowerLite Pro G6750WU/G6900WU:
Normal or Temp Interlock Power Consumption mode:
White light output 6000 lumens (ISO 21118 standard)
Color light output 6000 lumens
ECO Power Consumption mode:
White light output 4200 lumens (ISO 21118 standard)
**PowerLite Pro G6800:**
Normal or Temp Interlock Power Consumption mode:
White light output 7000 lumens (ISO 21118 standard)
Color light output 7000 lumens
ECO Power Consumption mode:
White light output 4900 lumens (ISO 21118 standard)

**Note:** Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contrast ratio</strong></td>
<td>5000:1 with Auto Iris on and Normal Power Consumption mode</td>
</tr>
<tr>
<td><strong>Image size</strong></td>
<td>50 inches (1.27 m) to 300 inches (7.62 m)</td>
</tr>
<tr>
<td><strong>Projection distance</strong></td>
<td><strong>PowerLite Pro G6150:</strong></td>
</tr>
<tr>
<td></td>
<td>51 inches (1.30 m) to 570 inches (14.47 m)</td>
</tr>
<tr>
<td><strong>PowerLite Pro G6050W/G6450WU/G6550WU/G6750WU/G6800/G6900WU:</strong></td>
<td>53 inches (1.35 m) to 591 inches (15.01 m)</td>
</tr>
<tr>
<td><strong>Projection methods</strong></td>
<td>Front, rear, ceiling-mounted</td>
</tr>
<tr>
<td><strong>Optical aspect ratio</strong></td>
<td><strong>PowerLite Pro G6150/G6800:</strong></td>
</tr>
<tr>
<td>(width-to-height)</td>
<td>4:3</td>
</tr>
<tr>
<td><strong>PowerLite Pro G6050W/G6450WU/G6550WU/G6750WU/G6900WU:</strong></td>
<td>16:10</td>
</tr>
<tr>
<td><strong>Focus adjustment</strong></td>
<td>Manual</td>
</tr>
<tr>
<td><strong>Zoom adjustment</strong></td>
<td>Manual</td>
</tr>
<tr>
<td><strong>Zoom ratio</strong></td>
<td>1:1.8</td>
</tr>
<tr>
<td>Feature</td>
<td>Specifications</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------</td>
</tr>
<tr>
<td>Internal sound system</td>
<td><strong>PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU</strong></td>
</tr>
<tr>
<td></td>
<td>10 W monaural</td>
</tr>
<tr>
<td></td>
<td><strong>PowerLite Pro G6800/G6900WU</strong></td>
</tr>
<tr>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Noise level</td>
<td><strong>PowerLite Pro G6050W/G6150/G6550WU:</strong></td>
</tr>
<tr>
<td></td>
<td>37 dB (Normal Power Consumption mode)</td>
</tr>
<tr>
<td></td>
<td>31 dB (ECO Power Consumption mode)</td>
</tr>
<tr>
<td></td>
<td><strong>PowerLite Pro G6450WU:</strong></td>
</tr>
<tr>
<td></td>
<td>34 dB (Normal Power Consumption mode)</td>
</tr>
<tr>
<td></td>
<td>31 dB (ECO Power Consumption mode)</td>
</tr>
<tr>
<td></td>
<td><strong>PowerLite Pro G6750WU/G6800/G6900WU:</strong></td>
</tr>
<tr>
<td></td>
<td>39 dB (Normal Power Consumption mode)</td>
</tr>
<tr>
<td></td>
<td>31 dB (ECO Power Consumption mode)</td>
</tr>
<tr>
<td>Keystone correction angle</td>
<td>Vertical: ± 30º (with standard lens)</td>
</tr>
<tr>
<td></td>
<td>Horizontal: ± 30º (with standard lens)</td>
</tr>
<tr>
<td>Lens shift range</td>
<td><strong>PowerLite Pro G6150/G6800:</strong></td>
</tr>
<tr>
<td>(approx.)</td>
<td>Vertical: ±57% (Manual)</td>
</tr>
<tr>
<td></td>
<td>Horizontal: ±30% (Manual)</td>
</tr>
<tr>
<td></td>
<td><strong>PowerLite Pro G6050W/G6450WU/G6550WU/G6750WU/G6900WU:</strong></td>
</tr>
<tr>
<td></td>
<td>Vertical: ±67% (Manual)</td>
</tr>
<tr>
<td></td>
<td>Horizontal: ±30% (Manual)</td>
</tr>
</tbody>
</table>

**Parent topic:** Technical Specifications

**Projector Lamp Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>UHE (Ultra High Efficiency)</td>
</tr>
<tr>
<td>Power consumption</td>
<td>380 W</td>
</tr>
</tbody>
</table>
Lamp life

**PowerLite Pro G6050W/G6450WU:**
- Normal Power Consumption mode: Up to about 3000 hours
- ECO Power Consumption mode: Up to about 4000 hours

**PowerLite Pro G6150/G6550WU:**
- Normal Power Consumption mode: Up to about 2500 hours
- ECO Power Consumption mode: Up to about 4000 hours

**PowerLite Pro G6750WU/G6800/G6900WU:**
- Normal Power Consumption mode: Up to about 2000 hours
- ECO Power Consumption mode: Up to about 4000 hours

**Note:** Turn off this product when not in use to prolong the life of the projector. Lamp life will vary depending upon mode selected, environmental conditions, and usage. Brightness decreases over time.

**Parent topic:** [Technical Specifications](#)

### Remote Control Specifications

- **Reception range:** 49 feet (15 m)
- **Batteries:** Two alkaline or manganese AA

**Parent topic:** [Technical Specifications](#)

### Projector Dimension Specifications

- **Height (excluding feet):** 5.7 inches (144 mm)
Width 19.9 inches (505 mm)
Depth 15.0 inches (382 mm)
Weight **PowerLite Pro G6050W/G6150/G6450WU/G6550WU/G6750WU:**
(with standard lens and without cable cover) 21.5 lb (9.7 kg)
**PowerLite Pro G6800/G6900WU:**
21.3 lb (9.6 kg)

Standard lens is approximately 1.46 lbs (0.66 kg)

Parent topic: Technical Specifications

**Projector Electrical Specifications**

**Rated frequency**
50/60 Hz

**Power supply**
100 to 240 VAC ±10%

**PowerLite Pro G6050W:**
5.0 to 2.2 A

**PowerLite Pro G6150/G6550WU:**
5.3 to 2.3 A

**PowerLite Pro G6450WU:**
4.7 to 2.1 A

**PowerLite Pro G6750WU/G6800/G6900WU:**
5.7 to 2.5 A
<table>
<thead>
<tr>
<th>Model</th>
<th>Normal Power Consumption mode</th>
<th>ECO Power Consumption mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>PowerLite Pro G6050W</td>
<td>498 W</td>
<td>421 W</td>
</tr>
<tr>
<td>PowerLite Pro G6150/G6550WU</td>
<td>528 W</td>
<td>421 W</td>
</tr>
<tr>
<td>PowerLite Pro G6450WU</td>
<td>468 W</td>
<td>421 W</td>
</tr>
<tr>
<td>PowerLite Pro G6750WU/G6800/G6900WU</td>
<td>568 W</td>
<td>421 W</td>
</tr>
</tbody>
</table>

*Standby:*

- 0.31 W (Communication Off), 2.8 W (Communication On)
Power consumption
(220 to 240 V)

Operating:
PowerLite Pro G6050W:
Normal Power Consumption mode: 477 W
ECO Power Consumption mode: 405 W
PowerLite Pro G6150/G6550WU:
Normal Power Consumption mode: 504 W
ECO Power Consumption mode: 405 W
PowerLite Pro G6450WU:
Normal Power Consumption mode: 449 W
ECO Power Consumption mode: 405 W
PowerLite Pro G6750WU/G6800/G6900WU:
Normal Power Consumption mode: 542 W
ECO Power Consumption mode: 405 W

Standby:
0.41 W (Communication Off), 3.3 W (Communication On)

Parent topic: Technical Specifications

Projector Environmental Specifications

Temperature
Operating: 32 to 113 °F (0 to 45 °C)
Storage: 14 to 140 °F (−10 to 60 °C)

Humidity (relative, non-condensing)
Operating: 20 to 80%
Storage: 10 to 90%

Operating altitude
Up to 4921 feet (1500 m)
Up to 16404 feet (5000 m) with High Altitude Mode enabled

Parent topic: Technical Specifications
Projector Safety and Approvals Specifications

United States
- FCC Part 15 Class B (DoC)
- UL60950-1 2nd edition (cTUVus Mark)

Canada
- ICES-003 Class B
- CSA C22.2 No. 60950-1

Parent topic: Technical Specifications

Supported Video Display Formats

For best results, your computer's monitor port or video card resolution should be set to display in the projector's native resolution. However, your projector includes Epson's SizeWise chip that supports other computer display resolutions, so your image will be resized to fit automatically.

Your computer's monitor port or video card refresh rate (vertical frequency) must be compatible with the projector. (See your computer or video card manual for details.)

The table here lists the compatible refresh rate and resolution for each compatible video display format.

<table>
<thead>
<tr>
<th>Display format</th>
<th>Refresh rate (in Hz)</th>
<th>Resolution (in pixels)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer signals (analog RGB)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VGA</td>
<td>60/72/75/85</td>
<td>640 × 480</td>
</tr>
<tr>
<td>SVGA</td>
<td>56/60/72/75/85</td>
<td>800 × 600</td>
</tr>
<tr>
<td>XGA</td>
<td>60/70/75/85</td>
<td>1024 × 768</td>
</tr>
<tr>
<td>WXGA</td>
<td>60</td>
<td>1280 × 768</td>
</tr>
<tr>
<td></td>
<td>60</td>
<td>1366 × 768</td>
</tr>
<tr>
<td></td>
<td>60/75/85</td>
<td>1280 × 800</td>
</tr>
<tr>
<td>WXGA+</td>
<td>60/75/85</td>
<td>1440 × 900</td>
</tr>
<tr>
<td>WXGA++</td>
<td>60</td>
<td>1600 × 900</td>
</tr>
<tr>
<td>SXGA</td>
<td>70/75/85</td>
<td>1152 × 864</td>
</tr>
<tr>
<td></td>
<td>60/75/85</td>
<td>1280 × 960</td>
</tr>
<tr>
<td></td>
<td>60/75/85</td>
<td>1280 × 1024</td>
</tr>
<tr>
<td>Display format</td>
<td>Refresh rate (in Hz)</td>
<td>Resolution (in pixels)</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>SXGA+</td>
<td>60/75</td>
<td>1400 × 1050</td>
</tr>
<tr>
<td>WSXGA+¹</td>
<td>60</td>
<td>1680 × 1050</td>
</tr>
<tr>
<td>UXGA</td>
<td>60</td>
<td>1600 × 1200</td>
</tr>
<tr>
<td>WUXGA², ³</td>
<td>60</td>
<td>1920 × 1200</td>
</tr>
<tr>
<td>MAC13&quot;</td>
<td>67</td>
<td>640 × 480</td>
</tr>
<tr>
<td>MAC16&quot;</td>
<td>75</td>
<td>832 × 624</td>
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<tr>
<td>MAC19&quot;</td>
<td>75</td>
<td>1024 × 768</td>
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<tr>
<td>MAC21&quot;</td>
<td>75</td>
<td>1152 × 870</td>
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<tr>
<td><strong>Composite video</strong></td>
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<td></td>
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<tr>
<td>TV (NTSC)</td>
<td>60</td>
<td>720 × 480</td>
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<tr>
<td>TV (PAL)</td>
<td>50/60</td>
<td>720 × 576</td>
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<tr>
<td>TV (SECAM)</td>
<td>50</td>
<td>720 × 576</td>
</tr>
<tr>
<td><strong>Component video</strong></td>
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<td></td>
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<tr>
<td>SDTV (480i)</td>
<td>60</td>
<td>720 × 480</td>
</tr>
<tr>
<td>SDTV (576i)</td>
<td>50</td>
<td>720 × 576</td>
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<tr>
<td>SDTV (480p)</td>
<td>60</td>
<td>720 × 480</td>
</tr>
<tr>
<td>SDTV (576p)</td>
<td>50</td>
<td>720 × 576</td>
</tr>
<tr>
<td>HDTV (720p)</td>
<td>50/60</td>
<td>1280 × 720</td>
</tr>
<tr>
<td>HDTV (1080i)</td>
<td>50/60</td>
<td>1920 × 1080</td>
</tr>
<tr>
<td>HDTV (1080p)²</td>
<td>50/60</td>
<td>1920 × 1080</td>
</tr>
<tr>
<td><strong>HDMI and DisplayPort input signals (Powerlite Pro G6150/G6800)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VGA</td>
<td>60</td>
<td>640 × 480</td>
</tr>
<tr>
<td>SVGA</td>
<td>60</td>
<td>800 × 600</td>
</tr>
<tr>
<td>XGA</td>
<td>60</td>
<td>1024 × 768</td>
</tr>
<tr>
<td>Display format</td>
<td>Refresh rate (in Hz)</td>
<td>Resolution (in pixels)</td>
</tr>
<tr>
<td>----------------</td>
<td>----------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>WXGA</td>
<td>60</td>
<td>1280 × 800</td>
</tr>
<tr>
<td></td>
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<td>WXGA+</td>
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<td>1280 × 960</td>
</tr>
<tr>
<td></td>
<td>60</td>
<td>1280 × 1024</td>
</tr>
<tr>
<td>SXGA+</td>
<td>60</td>
<td>1400 × 1050</td>
</tr>
<tr>
<td>UXGA</td>
<td>60</td>
<td>1600 × 1200</td>
</tr>
<tr>
<td>SDTV (480i/576i)</td>
<td>60</td>
<td>720 × 480</td>
</tr>
<tr>
<td>SDTV (576i/576p)</td>
<td>50</td>
<td>720 × 576</td>
</tr>
<tr>
<td>HDTV (720p)</td>
<td>50/60</td>
<td>1280 × 720</td>
</tr>
<tr>
<td>HDTV (1080i)</td>
<td>50/60</td>
<td>1920 × 1080</td>
</tr>
<tr>
<td>HDTV (1080p)</td>
<td>24/30/50/60</td>
<td>1920 × 1080</td>
</tr>
</tbody>
</table>

**HDMI and DisplayPort input signals (PowerLite Pro G6050W/G6450WU/G6550WU/G6750WU/G6900WU)**

<p>| VGA            | 60                   | 640 × 480              |
| SVGA           | 60                   | 800 × 600              |
| XGA            | 60                   | 1024 × 768             |
| WXGA           | 60                   | 1280 × 768             |
|                | 60                   | 1280 × 800             |
|                | 60                   | 1366 × 768             |
| WXGA+          | 60                   | 1440 × 900             |
| WXGA++         | 60                   | 1600 × 900             |
| WSXGA+         | 60                   | 1680 × 1050            |</p>
<table>
<thead>
<tr>
<th>Display format</th>
<th>Refresh rate (in Hz)</th>
<th>Resolution (in pixels)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SXGA</td>
<td>60</td>
<td>1280 × 960</td>
</tr>
<tr>
<td></td>
<td>60</td>
<td>1280 × 1024</td>
</tr>
<tr>
<td>SXGA+</td>
<td>60</td>
<td>1400 × 1050</td>
</tr>
<tr>
<td>UXGA</td>
<td>60</td>
<td>1600 × 1200</td>
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<td>WUXGA</td>
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<td>1920 × 1200</td>
</tr>
<tr>
<td>SDTV (480i/480p)</td>
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<td>720 × 480</td>
</tr>
<tr>
<td>SDTV (576i/576p)</td>
<td>50</td>
<td>720 × 576</td>
</tr>
<tr>
<td>HDTV (720p)</td>
<td>50/60</td>
<td>1280 × 720</td>
</tr>
<tr>
<td>HDTV (1080i)</td>
<td>50/60</td>
<td>1920 × 1080</td>
</tr>
<tr>
<td>HDTV (1080p)</td>
<td>24&lt;sup&gt;5&lt;/sup&gt;/30&lt;sup&gt;5&lt;/sup&gt;/50/60</td>
<td>1920 × 1080</td>
</tr>
</tbody>
</table>

**SDI input signals (PowerLite Pro G6900WU)**

| SDTV (480i)            | 60                   | 720 × 480              |
| SDTV (576i)            | 50                   | 720 × 576              |
| HDTV (720p)            | 50/60                | 1280 × 720             |
| HDTV (1080i)           | 50/60                | 1920 × 1080            |
| HDTV (1080p)           | 24<sup>5</sup>/30<sup>5</sup>/50/60 | 1920 × 1080 |

1 Only compatible when **Wide** is selected as the **Resolution** setting (Powerlite Pro G6050W/G6450WU/G6550WU/G6750WU/G6900WU)

2 PowerLite Pro G6450WU/G6550WU/G6750WU/G6900WU only

3 Only compatible with VESA CVT-RB (Reduced Blanking) input signal

4 DisplayPort input only

5 HDMI input only

**Parent topic:** Technical Specifications
Notices

Check these sections for important notices about your projector.

Recycling
Important Safety Information
Important Safety Instructions
FCC Compliance Statement
Trademarks
Open Source Software License
Copyright Notice

Recycling

Epson offers a recycling program for end of life products. Please go to epson.com/recycle for information on how to return your products for proper disposal.

Parent topic: Notices

Important Safety Information

**Caution:** Never look into the projector lens when the lamp is turned on; the bright light can damage your eyes. Never let children look into the lens when it is on. Never open any cover on the projector, except the lamp and filter covers. Dangerous electrical voltages inside the projector can severely injure you. Except as specifically explained in this *User's Guide*, do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

**Warning:** The projector and its accessories come packaged in plastic bags. Keep plastic bags away from small children to avoid any risk of suffocation.

**Caution:** When you replace the lamp, never touch the new lamp with your bare hands; the invisible residue left by the oil on your hands may shorten the lamp life. Use a cloth or glove to handle the new lamp.

Parent topic: Notices
Important Safety Instructions

Follow these safety instructions when setting up and using the projector:

• Do not look into the lens when the projector is on. The bright light can damage your eyes. Avoid standing in front of the projector so the bright light does not shine into your eyes.
• Do not place the projector on an unstable cart, stand, or table.
• Do not operate the projector on its side, or while tilted to one side.
• If the projector is mounted on a ceiling or wall, it should be installed by qualified technicians using mounting hardware designed for use with this projector.
• When installing or adjusting a ceiling or wall mount, do not use adhesives to prevent the screws from loosening and do not use oils or lubricants. This may cause the projector case to crack and the projector to fall from its ceiling mount. This could cause serious injury to anyone under the mount and could damage the projector.
• Do not use the projector near water, sources of heat, high-voltage electrical wires, or sources of magnetic fields.
• Use the type of power source indicated on the projector. Use of a different power source may result in fire or electric shock. If you are not sure of the power available, consult your dealer or power company.
• Place the projector near a wall outlet where the plug can be easily unplugged.
• Take the following precautions when handling the plug: Do not hold the plug with wet hands. Do not insert the plug into a dusty outlet. Insert the plug firmly into the outlet. Do not pull the power cord when disconnecting the plug; always be sure to hold the plug when disconnecting it. Do not overload wall outlets, extension cords, or power strips. Failure to comply with these precautions could result in fire or electric shock.
• Do not place the projector where the cord can be walked on. This may result in fraying or damage to the plug.
• Unplug the projector from the wall outlet before cleaning. Use a dry cloth (or, for stubborn dirt or stains, a moist cloth that has been wrung dry) for cleaning. Do not use liquid or aerosol cleaners, any sprays containing flammable gas, or solvents such as alcohol, paint thinner, or benzine.
• Do not block the slots and openings in the projector case. They provide ventilation and prevent the projector from overheating. Do not operate the projector on a sofa, rug, or other soft surface, or set it on top of loose papers. Do not cover the projector with a blanket, curtain, or tablecloth. If you are setting up the projector near a wall, leave at least 7.9 inches (20 cm) of space between the wall and the air exhaust vent.
• Do not operate the projector in a closed-in cabinet unless proper ventilation is provided.
Never allow objects of any kind to enter any openings in the projector. Do not leave objects, especially flammable objects, near the projector. Never spill liquid of any kind into the projector.

If you are using two or more projectors side-by-side, leave at least 20 inches (50 cm) of space between the projectors to allow for proper ventilation.

You may need to clean the air filter and vent. A clogged air filter or vent can block ventilation needed to cool the projector. Do not use canned air, or the gases may leave a residue.

Do not store the projector outdoors for an extended length of time.

Except as specifically explained in this manual, do not attempt to service this product yourself. Refer all servicing to qualified personnel. Opening or removing covers may expose you to dangerous voltages and other hazards.

Never open any covers on the projector except as specifically explained in this manual. Never attempt to disassemble or modify the projector. Refer all repairs to qualified service personnel.

Unplug the projector from the wall outlet and refer servicing to qualified service personnel under the following conditions: if it does not operate normally when you follow the operating instructions, or exhibits a distinct change in performance; if smoke, strange odors, or strange noises come from the projector; if the power cord or plug is damaged or frayed; if liquid or foreign objects get inside the projector, or if it has been exposed to rain or water; if it has been dropped or the housing has been damaged.

Do not touch the plug during an electrical storm. Otherwise, you may receive an electric shock.

Unplug the projector when it will not be used for extended periods.

Do not use the projector where it may be exposed to rain, water, or excessive humidity.

Do not use or store the projector where it may be exposed to smoke, steam, corrosive gases, excessive dust, vibration, or shock.

Do not use the projector where flammable or explosive gases may be present.

Do not use or store the projector or remote control in a hot location, such as near a heater, in direct sunlight, or in a closed vehicle.

If you use the projector in a country other than where you purchased it, use the correct power cord for that country.

Do not stand on the projector or place heavy objects on it.

Do not use the projector outside of the required temperature range of 32 to 113 °F (0 to 45 °C). Doing so may cause an unstable display and could lead to projector damage. Do not use or store the projector where it may be exposed to sudden changes in temperature.
• Do not store the projector outside of the required temperature range of 14 to 140 °F (–10 to 60 °C) or in direct sunlight for long periods of time. Doing so may cause damage to the case.
• Do not place anything that can become warped or damaged by heat near the exhaust vents. Do not bring your hands or face close to the vents while projection is in progress. Do not bring your face close to the projector while it is in use.
• Before you move the projector, make sure its power is turned off, the plug is disconnected from the outlet, and all cables are disconnected.
• Never try to remove the lamp immediately after use because it will be extremely hot. Before removing the lamp, turn off the power and wait at least an hour to allow the lamp to cool completely.
• Do not disassemble the lamp or subject it to impacts.
• Do not place the source of an open flame, such as a lit candle, on or near the projector.
• Do not block the lens during projection using a book or any other object. This could damage the projector or cause a fire.
• Do not modify the power cord. Do not place heavy objects on top of the power cord or bend, twist, or pull it excessively. Keep the power cord away from hot electrical appliances.
• If the lamp breaks, ventilate the room to prevent gases contained in the lamp from being inhaled or coming in contact with your eyes or mouth. If you do inhale gases or gases come in contact with your eyes or mouth, seek medical advice immediately.
• If the projector is mounted overhead and the lamp breaks, be careful to prevent pieces of glass from falling into your eyes or mouth when you open the lamp cover. If pieces of glass do get into your eyes or mouth, seek medical advise immediately.
• Always lower the volume before turning off the projector. Turning on the projector with the volume too high can damage your ears.
• Always attach the lens cover to the lens when not using the projector to prevent the lens from becoming dirty or damaged.

Note: The lamp(s) in this product contain mercury. Please consult your state and local regulations regarding disposal or recycling. Do not put in the trash.

WARNING: The cords included with this product contain chemicals, including lead, known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling. (This notice is provided in accordance with Proposition 65 in Cal. Health & Safety Code § 25249.5 and following.)

Restriction of Use

Parent topic: Notices
Restriction of Use

When this product is used for applications requiring high reliability/safety such as transportation devices related to aviation, rail, marine, automotive; disaster prevention devices; various safety devices; or functional/precision devices, you should use this product only after giving consideration to including fail-safes and redundancies into your design to maintain safety and total system reliability.

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Parent topic: Important Safety Instructions

FCC Compliance Statement

For United States Users

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 interference to radio and 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.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification or Declaration of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment.
For Canadian Users
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EPSON original drivers

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