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PROJECTOR OWNER'S MANUAL

Epson
Pro G7000W

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Pro G7000W/G7100/G7200W/G7400U/ G7500U/G7805/G7905U User's Guide

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Pro G7000W/G7100/G7200W/G7400U/G7500U/G7805/G7905U User's Guide

Welcome to the Pro G7000W/G7100/G7200W/G7400U/G7500U/G7805/G7905U *User's Guide*.

For a printable PDF copy of this guide, click here.

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 Pro G7000W, G7100, G7200W, G7400U, G7500U, G7805, and G7905U projectors include these special features:

Bright, high-resolution projection system

- Pro G7000W/G7100/G7500U: Up to 6500 lumens of brightness (white light output and color light output)

  Pro G7200W: Up to 7500 lumens of brightness (white light output and color light output)

  Pro G7400U: Up to 5500 lumens of brightness (white light output and color light output)

  Pro G7805: Up to 8000 lumens of brightness (white light output and color light output)

  Pro G7905U: 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.

- Pro G7000W/G7200W: Native resolution of 1280 × 800 pixels (WXGA)

  Pro G7100/G7805: Native resolution of 1024 × 768 pixels (XGA)

  Pro G7400U/G7500U/G7905U: Native resolution of 1920 × 1200 pixels (WUXGA)

Flexible connectivity

- Wired and wireless (optional) network support for projection, monitoring, and control via remote network computer
- Wired network support for monitoring and control via remote network computer
- Variety of connection methods to a computer or video device including HDMI, BNC, DVD-D, and HDBaseT

- 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 Pro G7905U projector with a zoom lens is shown in most illustrations in this manual, unless noted otherwise.

Product Box Contents
Additional Components
Additional Projector Software and Manuals
Optional Equipment and Replacement Parts
Warranty and Registration Information

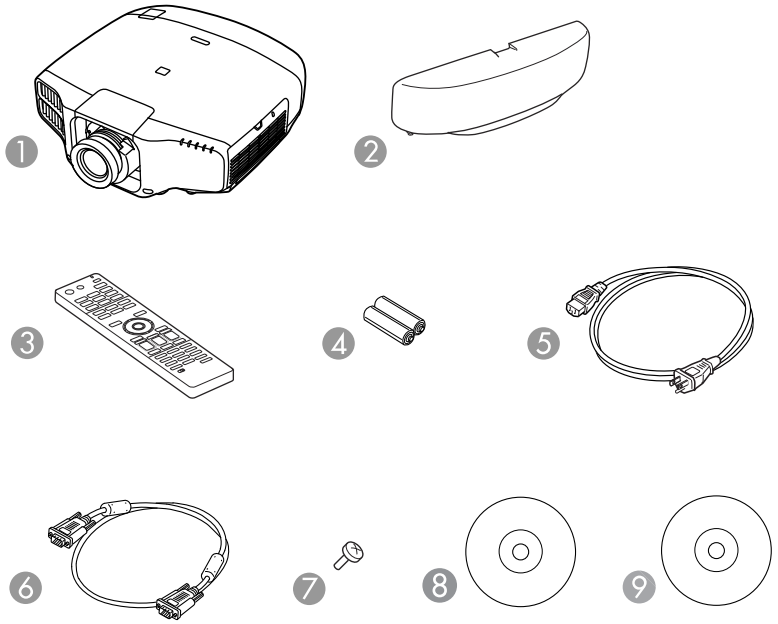
Parent topic: Introduction to Your Projector

Related concepts
Projector Part Locations

Product Box Contents

Save all the packaging in case you need to ship the projector. Always use the original packaging (or equivalent) when shipping.

Make sure your projector box included all of these parts:



1 Projector with standard zoom lens*
2 Cable cover
3 Remote control
4 Remote control batteries (two AA alkaline)
5 Power cord
6 VGA computer cable
7 Lens unit screw*
8 Projector documentation CD
9 Projector software CD

* Lens and lens unit screw not included with the Pro G7000WNL/G7100NL/G7200WNL/G7400UNL/G7500UNL/G7805NL/G7905UNL

Parent topic: Projector Features

Related concepts

Projector Connections

Additional Components

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

Note: To connect a Mac that does not include a compatible video output port, you need to obtain an adapter that allows you to connect to an input port on the projector. Contact Apple for compatible adapter options. To connect a smartphone or tablet, you may need to obtain an adapter that allows you to connect to the projector. This allows you to mirror your smartphone or tablet screens, watch movies, and more. Contact your device manufacturer for compatible adapter options.

Unless listed as available from Epson in this table, see your local computer or electronics dealer for purchase information.

Signal or connection type	Additional component necessary
Component video	D-sub, 15-pin, component-to-VGA video cable and two VGA computer cables Available for purchase from Epson or an authorized Epson reseller. You also need a splitter that supports component video signals (commercially available).
HDMI	Three compatible HDMI cables Available for purchase from Epson or an authorized Epson reseller. You also need a splitter that supports HDMI signals (commercially available). **Note:** Older Mac computers (2009 and earlier) may not support HDMI audio.

Signal or connection type	Additional component necessary
3D	Three compatible HDMI cables, a splitter that supports 3D signals, and a silver screen (recommended gain: 2.3 to 2.7) You can purchase HDMI cables from Epson or an authorized Epson reseller. **Note:** If your video source is a 3D Blu-ray disc, you also need a Blu-ray player that supports 3D playback. See your local computer or electronics dealer for purchase information.
Audio from certain ports	Commercially available audio cable compatible with your device
VGA	Two VGA computer cables Available for purchase from Epson or an authorized Epson reseller. If you want to connect the projector using a splitter, you also need a splitter that supports VGA signals (commercially available) and a third VGA computer cable.
BNC	VGA-to-5-BNC cable or adapter Available for purchase from Epson or an authorized Epson reseller.
DVI-D	Compatible DVI-D cable
HDBaseT	Compatible 100Base-TX LAN cable
Control pad	To power the control pad from the projector, you need the remote control cable set (ELPKC28). Available for purchase from Epson or an authorized Epson reseller.

Parent topic: Projector Features

Additional Projector Software and Manuals

After connecting and setting up the projector, install the projector software from the included software CD, or download the software and manuals as necessary.

You can install the projector software programs listed here and view their manuals for instructions on using them.

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

Projector software	Manual	Description
EasyMP Monitor (Windows only)	*EasyMP Monitor Operation Guide*	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	*EasyMP Multi PC Projection Operation Guide*	Lets you hold interactive meetings by projecting the computer screens of users over a network.
EasyMP Network Updater (Windows only)	*EasyMP Network Updater Operation Guide*	Lets you update firmware for a projector over a wired LAN. 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.
Epson iProjection app	Instructions are included with the app	Lets you project from an iOS or Android device if your projector is connected to a network that includes a wireless access point. Visit epson.com/projectorapp (U.S.) or epson.ca/projectorapp (Canada) for more information.

Parent topic: Projector Features

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:

Option or part	Part number
Genuine Epson replacement lamp (ELPLP93)	V13H010L93
Air filter (ELPAF30)	V13H134A30
Quick Wireless Connection USB key (ELPAP09)	V12H005M09
Wireless LAN module (ELPAP10)	V12H731P02
HDBaseT Transmitter (ELPHD01)	V12H547020
Replacement remote control	158279900
Remote control cable set (ELPKC28)	V12H005C28
Epson DC-11 document camera (ELPDC11)	V12H377020
Epson DC-13 document camera (ELPDC13)	V12H757020
Epson DC-20 document camera (ELPDC20)	V12H500020
Epson DC-21 document camera (ELPDC21)	V12H758020
Wireless IR mouse receiver for remote control (ELPST16)	V12H007T16
Polarizer Kit for 3D Stacking [1]	ELPPL01
Passive 3D glasses (adult)	ELPGS02A
Passive 3D glasses (children)	ELPGS02B
Component-to-VGA video cable (ELPKC19)	V12H005C19
VGA video cable 10 feet (3.0 m) length	F3H982-10
HDMI audio video cable 3 feet (0.9 m) length	AV22300-03
HDMI audio video cable 6 feet (1.8 m) length	AV22300-06
Ultra short throw zoom lens (ELPLX01)	V12H004X01
Short throw zoom lens #1 (ELPLU03)	V12H004U03
Short throw zoom lens #2 (ELPLU04)	V12H004U04
Wide throw zoom lens #1 (ELPLW05)	V12H004W05
Wide throw zoom lens #2 (ELPLW06)	V12H004W06
Middle throw zoom lens #1 (ELPLM08)	V12H004M08
Middle throw zoom lens #2 (ELPLM09)	V12H004M09

Option or part	Part number
Middle throw zoom lens #3 (ELPLM10)	V12H004M10
Middle throw zoom lens #4 (ELPLM11)	V12H004M11
Long throw zoom lens (ELPLL08)	V12H004L08
Ceiling Mount - low ceiling (ELPMB47)	V12H802010
Ceiling Mount - high ceiling (ELPMB48)	V12H803010
Active speakers (ELPSP02)	V12H467020
PixiePlus control system for Epson projectors	ELPSP10
1-Year Extended Exchange Service Plan	EPPEXPB1
2-Year Extended Exchange Service Plan	EPPEXPB2

[1] Compatible with ELPLW06, ELPLM08, ELPLM09, ELPLM10, ELPLW04, ELPLS04, ELPLM06 lenses.

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 **Home** button on the remote control or projector, select **Help**, and press **Enter** 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.

- If you still need help after checking this manual and any other sources listed here, 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

Projector Part Locations

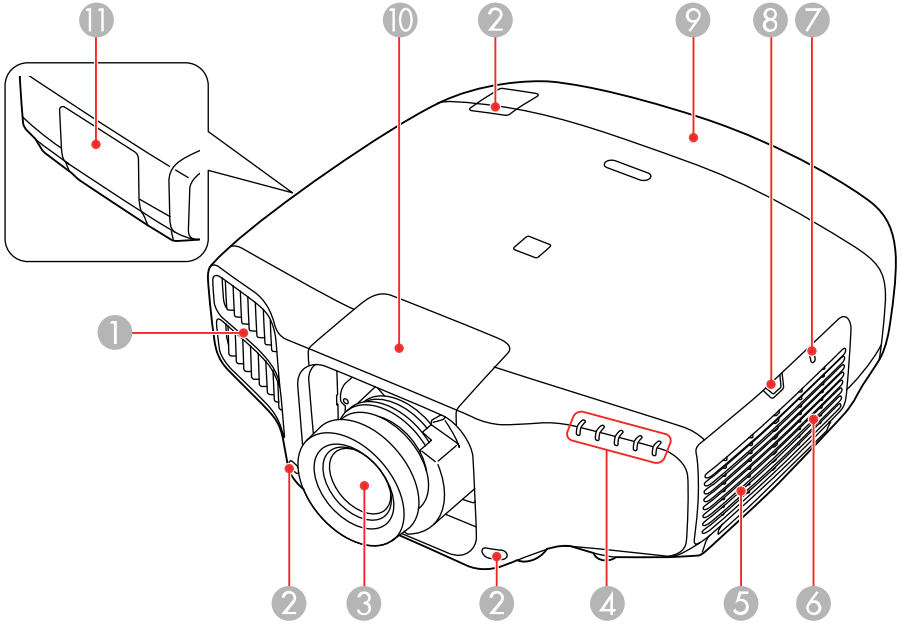
Check the projector part illustrations to learn about the parts on your projector.

Note: The Pro G7900W projector with a zoom lens is shown in most illustrations in this manual, unless noted otherwise.

Projector Parts - Front/Top
Projector Parts - Rear
Projector Parts - Interface Ports
Projector Parts - Base
Projector Parts - Control Panel
Projector Parts - Remote Control

Parent topic: Introduction to Your Projector

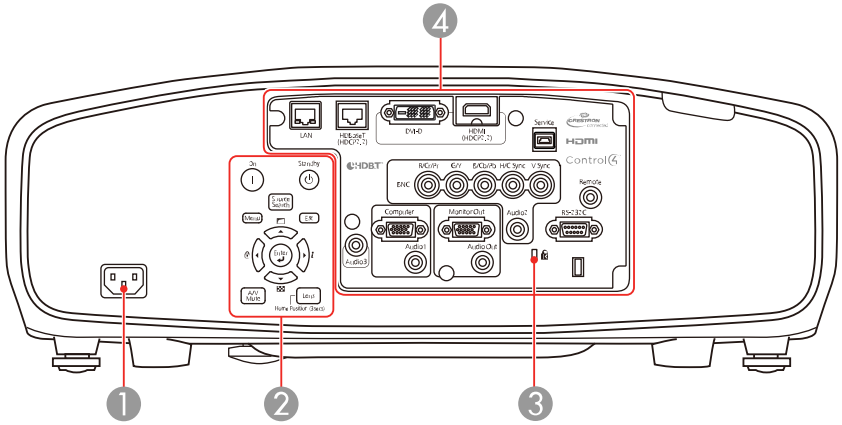
Projector Parts - Front/Top



1 Exhaust vent
2 Remote receiver
3 Projection lens
4 Projector status lights
5 Speaker
6 Air filter/intake vent
7 Wireless LAN module light
8 Air filter cover latch
9 Cable cover
10 Lens cover
11 Lamp cover

Parent topic: Projector Part Locations

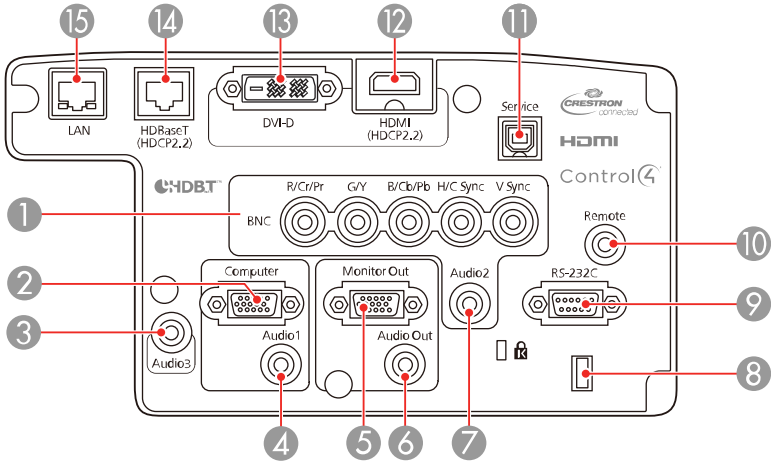
Projector Parts - Rear



1 AC input port
2 Control panel
3 Kensington security slot
4 Interface ports

Parent topic: Projector Part Locations

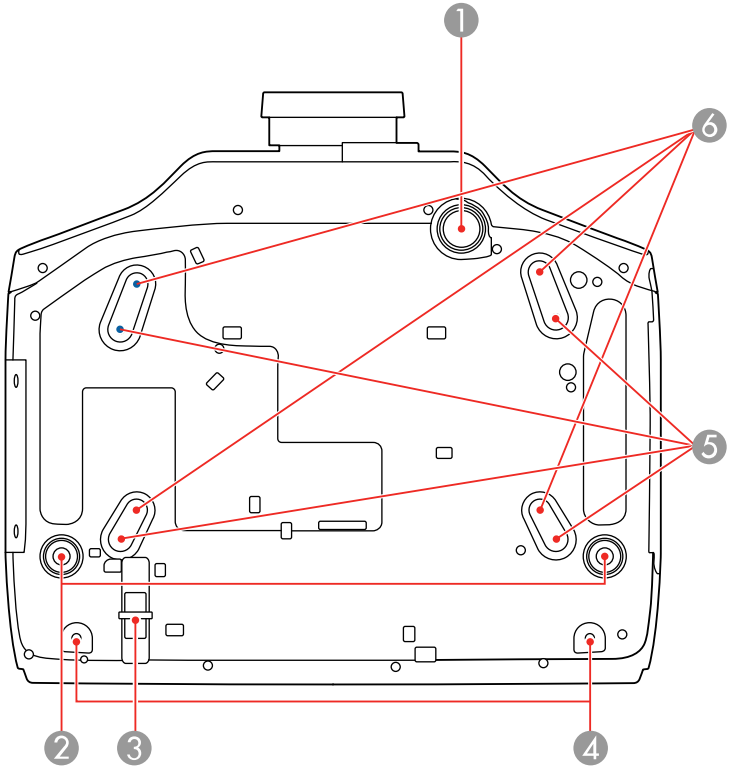
Projector Parts - Interface Ports



1 **BNC** ports
2 **Computer** port
3 **Audio3** port
4 **Audio1** port
5 **Monitor Out** port
6 **Audio Out** port
7 **Audio2** port
8 Cable holder
9 **RS-232C** port
10 **Remote** port
11 **Service** port
12 **HDMI** port
13 **DVI-D** connector
14 **HDBaseT** port
15 Network **LAN** port

Parent topic: Projector Part Locations

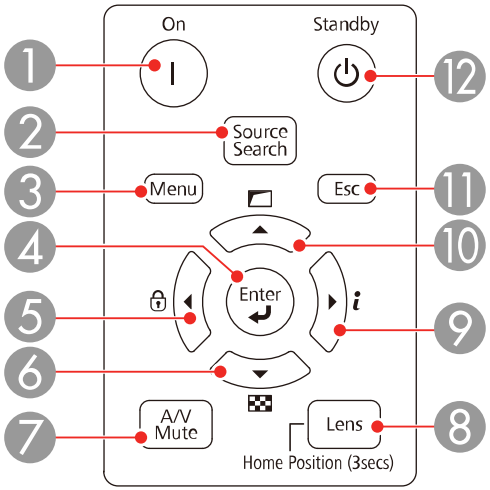
Projector Parts - Base



1	Front adjustable foot
2	Rear feet
3	Security cable attachment point
4	Screw holes for cable cover
5	Mounting bracket holes for ELPMB47/ELPMB48
6	Mounting bracket holes for ELPMB22

Parent topic: Projector Part Locations

Projector Parts - Control Panel



1 **On** button (turns on the projector)

2 **Source Search** button (searches for connected sources)

3 **Menu** button (accesses projector menu system)

4 **Enter** button (selects options)

5 Left arrow button and displays the Control Panel Lock screen

6 Down arrow button and displays a test pattern

7 **A/V Mute** button (turns the video and audio on or off)

8 **Lens** button (displays the lens shift, zoom, focus, and distortion adjustment screens; hold for 3 seconds to return the lens to the home position)

9 Right arrow button and displays the Info menu

10 Up arrow button and displays screen adjustment options

11 **Esc** button (cancels/exits functions)

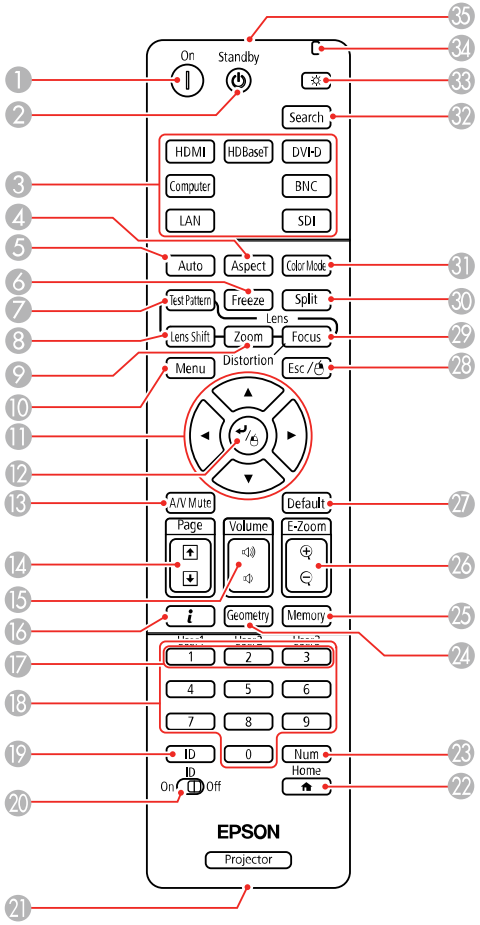
12 **Standby** button (turns off the projector)

Parent topic: Projector Part Locations

Related references

Projector Parts - Remote Control

Projector Parts - Remote Control



1 **On** button (turns on the projector)

2 **Standby** button (turns off the projector)

3 Source buttons (select an image source)

4 **Aspect** button (selects the image aspect ratio)

5 **Auto** button (automatically adjusts computer images)

6 **Freeze** button (stops video action)

7 **Test Pattern** button (displays a test pattern)

8 **Lens Shift** button (adjusts the image position)

9 **Zoom** button (changes the image size)

10 **Menu** button (accesses projector menu system)

11 Arrow buttons (move through on-screen options and move pointer)

12 Enter button (selects options and left mouse button)

13 **A/V Mute** button (turns the video and audio on or off)

14 **Page** up and down buttons (scroll through image files when projecting from a computer over a network connection)

15 **Volume** up and down buttons (adjust speaker volume)

16 **i** button (displays the Info menu)

17 **User1**, **User2**, and **User3** buttons (open menu assigned by user)

18 Numeric buttons (enter numbers)

19 **ID** button (hold down and use numeric keys to select projector to control)

20 **ID** switch (control one or all projectors)

21 Remote port (connects to a remote control cable)

22 **Home** button (displays the home screen)

23 **Num** button (hold down and use numeric keys to enter numbers)

24 **Geometry** button (corrects image distortion)

25 **Memory** button (saves and applies presets)

26 **E-Zoom +/–** buttons (zoom into and out of the image)

27 **Default** button (resets settings to their default values in the projector menu system)

28 **Esc** button (cancels/exits functions and right mouse button)

29 **Focus** button (adjusts the image focus)

30 **Split** button (splits the screen between two inputs)

31 **Color Mode** button (selects display modes)

32 **Search** button (searches for connected sources)

33 Light button (lights up the remote control buttons temporarily)

34 Indicator light (lights up when the remote control is in use)

35 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 a Lens
Attaching and Removing the Cable Cover
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.

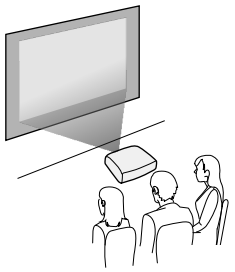
Projector Setup and Installation Options
Projection Distance

Parent topic: Setting Up the Projector

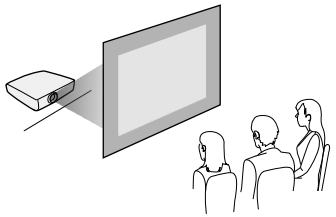
Projector Setup and Installation Options

You can set up or install your projector in the following ways:

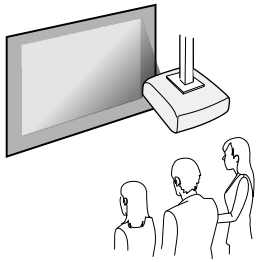
Front



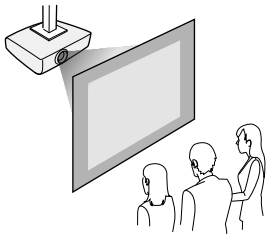
Rear



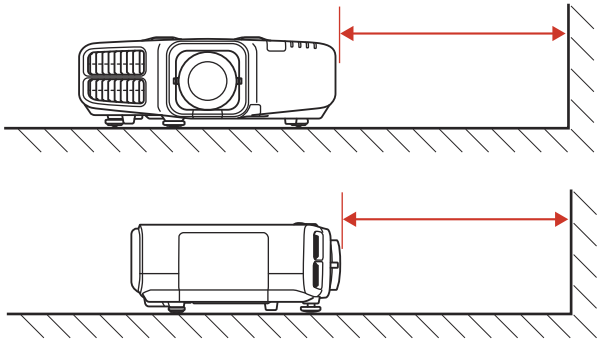
Front ceiling



Rear ceiling

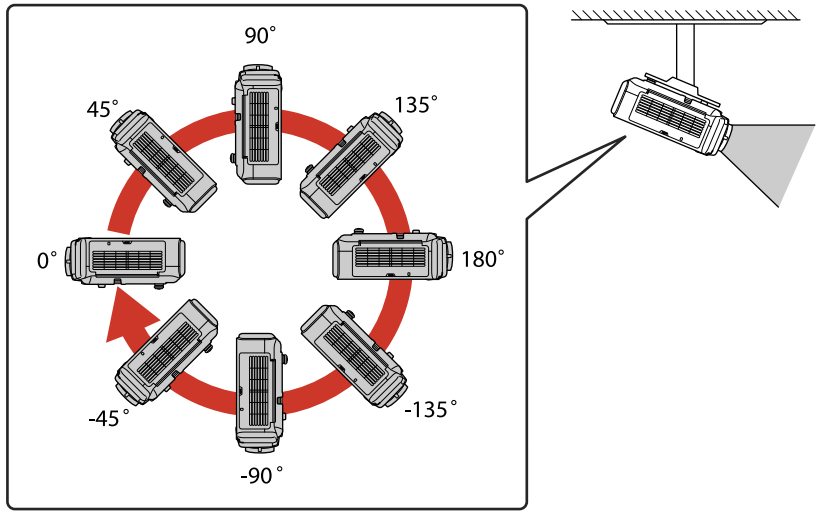


Note: Be sure to leave at least 20 inches (50 cm) of space in front of the air exhaust and intake vents and, when setting up multiple projectors, 20 inches (50 cm) of space between the projectors.



If you mount the projector to the ceiling, install it within 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, select the correct **Projection** setting and, if necessary, turn on the **Inv Direction Button** setting. If you installed the projector at an angle, select the **Direction** setting.

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

Parent topic: Projector Placement

Related references

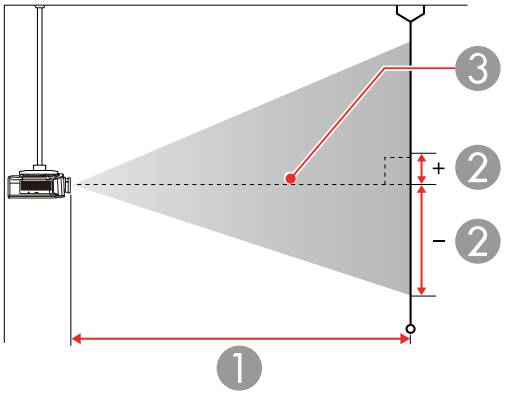
Projector Setup Settings - Extended Menu

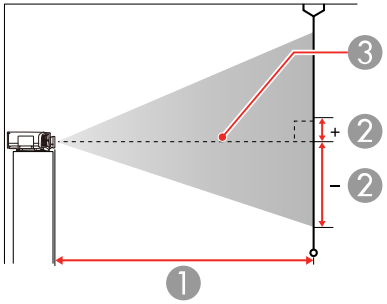
Projection Distance

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).





Pro G7000W/G7200W/G7400U/G7500U/G7905U (Standard Zoom Lens)

16:10 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele (Minimum to Maximum)**	**Vertical lens shift (2)** **Top to bottom**
50 inches (127 cm)	60 to 98 inches (153 to 248 cm)	–31.2 to 4.7 inches (–79 to 12 cm)

16:10 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele (Minimum to Maximum)**	**Vertical lens shift (2)** **Top to bottom**
60 inches (152 cm)	73 to 117 inches (185 to 298 cm)	–37.4 to 5.6 inches (–95 to 14 cm)
80 inches (203 cm)	98 to 157 inches (248 to 399 cm)	–49.9 to 7.5 inches (–127 to 19 cm)
100 inches (254 cm)	123 to 197 inches (311 to 500 cm)	–62.4 to 9.4 inches (–158 to 24 cm)
120 inches (305 cm)	147 to 237 inches (374 to 601 cm)	–74.8 to 11.2 inches (–190 to 29 cm)
150 inches (381 cm)	185 to 296 inches (469 to 753 cm)	–93.7 to 14.2 inches (–238 to 36 cm)
200 inches (508 cm)	247 to 396 inches (627 to 1005 cm)	–124.7 to 18.7 inches (–317 to 48 cm)
250 inches (635 cm)	309 to 495 inches (785 to 1258 cm)	–155.9 to 23.2 inches (–396 to 59 cm)
300 inches (762 cm)	371 to 595 inches (943 to 1510 cm)	–187.1 to 28.1 inches (–475 to 71 cm)

16:9 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele (Minimum to Maximum)**	**Vertical lens shift (2)** **Top to bottom**
49 inches (125 cm)	61 to 98 inches (154 to 250 cm)	–30.1 to 6 inches (–76 to 15 cm)

16:9 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele (Minimum to Maximum)**	**Vertical lens shift (2)** **Top to bottom**
50 inches (127 cm)	62 to 100 inches (157 to 255 cm)	–30.7 to 6.3 inches (–78 to 16 cm)
60 inches (152 cm)	75 to 121 inches (190 to 307 cm)	–36.8 to 7.4 inches (–94 to 19 cm)
80 inches (203 cm)	100 to 162 inches (255 to 411 cm)	–49.1 to 9.9 inches (–125 to 25 cm)
100 inches (254 cm)	126 to 203 inches (320 to 514 cm)	–61.4 to 12.3 inches (–156 to 31 cm)
120 inches (305 cm)	152 to 243 inches (385 to 618 cm)	–73.6 to 14.8 inches (–187 to 38 cm)
150 inches (381 cm)	190 to 305 inches (482 to 774 cm)	–92 to 18.5 inches (–234 to 47 cm)
200 inches (508 cm)	254 to 407 inches (645 to 1033 cm)	–122.7 to 24.7 inches (–312 to 63 cm)
250 inches (635 cm)	318 to 509 inches (807 to 1293 cm)	–153.5 to 30.7 inches (–390 to 78 cm)
290 inches (737 cm)	369 to 591 inches (937 to 1500 cm)	–178 to 35.8 inches (–452 to 91 cm)

4:3 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele (Minimum to Maximum)**	**Vertical lens shift (2)** **Top to bottom**
45 inches (114 cm)	61 to 99 inches (156 to 253 cm)	–31.8 to 4.8 inches (–81 to 12 cm)
50 inches (127 cm)	68 to 111 inches (174 to 281 cm)	–35.4 to 5.1 inches (–90 to 13 cm)
60 inches (152 cm)	83 to 133 inches (210 to 338 cm)	–42.4 to 6.4 inches (–108 to 16 cm)
80 inches (203 cm)	111 to 178 inches (281 to 453 cm)	–56.5 to 8.5 inches (–143 to 22 cm)
100 inches (254 cm)	139 to 223 inches (353 to 567 cm)	–70.6 to 10.6 inches (–179 to 27 cm)
120 inches (305 cm)	167 to 268 inches (424 to 681 cm)	–84.7 to 12.7 inches (–215 to 32 cm)
150 inches (381 cm)	209 to 336 inches (532 to 853 cm)	–105.9 to 15.9 inches (–269 to 40 cm)
200 inches (508 cm)	280 to 448 inches (711 to 1139 cm)	–141.2 to 21.2 inches (–359 to 54 cm)
250 inches (635 cm)	350 to 561 inches (890 to 1424 cm)	–176.4 to 26.4 inches (–448 to 67 cm)
265 inches (673 cm)	371 to 595 inches (943 to 1510 cm)	–187.1 to 28.1 inches (–475 to 71 cm)

Pro G7100/G7805 (Standard Zoom Lens)

4:3 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele (Minimum to Maximum)**	**Vertical lens shift (2)** **Top to bottom**
50 inches (127 cm)	58 to 94 inches (147 to 239 cm)	–32.3 to 2.3 inches (–82 to 6 cm)
60 inches (152 cm)	70 to 113 inches (178 to 288 cm)	–38.7 to 2.7 inches (–98 to 7 cm)
80 inches (203 cm)	94 to 152 inches (239 to 385 cm)	–51.6 to 3.6 inches (–131 to 9 cm)
100 inches (254 cm)	118 to 190 inches (299 to 482 cm)	–64.6 to 4.6 inches (–164 to 12 cm)
120 inches (305 cm)	142 to 228 inches (360 to 580 cm)	–77.5 to 5.5 inches (–197 to 14 cm)
150 inches (381 cm)	178 to 286 inches (452 to 726 cm)	–96.9 to 6.7 inches (–246 to 17 cm)
200 inches (508 cm)	238 to 382 inches (604 to 969 cm)	–129.1 to 9.1 inches (–328 to 23 cm)
250 inches (635 cm)	298 to 478 inches (756 to 1213 cm)	–161.4 to 11.4 inches (–410 to 29 cm)
300 inches (762 cm)	358 to 573 inches (908 to 1456 cm)	–193.7 to 13.7 inches (–492 to 35 cm)

16:9 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele (Minimum to Maximum)**	**Vertical lens shift (2)** **Top to bottom**
46 inches (117 cm)	58 to 94 inches (148 to 240 cm)	–28.6 to 6 inches (–73 to 15 cm)
50 inches (127 cm)	63 to 103 inches (161 to 261 cm)	–31.1 to 6.7 inches (–79 to 17 cm)
60 inches (152 cm)	76 to 124 inches (194 to 314 cm)	–37.3 to 7.9 inches (–95 to 20 cm)
80 inches (203 cm)	102 to 165 inches (260 to 420 cm)	–49.7 to 10.5 inches (–126 to 27 cm)
100 inches (254 cm)	129 to 207 inches (327 to 526 cm)	–62.2 to 13.1 inches (–158 to 33 cm)
120 inches (305 cm)	155 to 249 inches (393 to 632 cm)	–74.6 to 15.8 inches (–189 to 40 cm)
150 inches (381 cm)	194 to 312 inches (493 to 791 cm)	–93.2 to 19.7 inches (–237 to 50 cm)
200 inches (508 cm)	259 to 416 inches (658 to 1057 cm)	–124.3 to 26.3 inches (–316 to 67 cm)
250 inches (635 cm)	325 to 520 inches (824 to 1322 cm)	–155.5 to 32.7 inches (–395 to 83 cm)
275 inches (699 cm)	357 to 573 inches (907 to 1454 cm)	–170.9 to 36.1 inches (–434 to 92 cm)

16:10 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele (Minimum to Maximum)**	**Vertical lens shift (2)** **Top to bottom**
48 inches (122 cm)	59 to 96 inches (150 to 243 cm)	–30.3 to 4.9 inches (–77 to 12 cm)
50 inches (127 cm)	62 to 100 inches (156 to 254 cm)	–31.5 to 5.1 inches (–80 to 13 cm)
60 inches (152 cm)	74 to 120 inches (189 to 305 cm)	–37.9 to 6.1 inches (–96 to 15 cm)
80 inches (203 cm)	100 to 161 inches (253 to 408 cm)	–50.5 to 8.1 inches (–128 to 21 cm)
100 inches (254 cm)	125 to 201 inches (318 to 512 cm)	–63.1 to 10.1 inches (–160 to 26 cm)
120 inches (305 cm)	151 to 242 inches (382 to 615 cm)	–75.8 to 12.2 inches (–192 to 31 cm)
150 inches (381 cm)	189 to 303 inches (479 to 770 cm)	–94.7 to 15.2 inches (–241 to 39 cm)
200 inches (508 cm)	252 to 405 inches (640 to 1028 cm)	–126.3 to 20.3 inches (–321 to 51 cm)
250 inches (635 cm)	316 to 506 inches (802 to 1286 cm)	–157.9 to 25.2 inches (–401 to 64 cm)
280 inches (711 cm)	354 to 567 inches (899 to 1441 cm)	–176.8 to 28.4 inches (–449 to 72 cm)

Parent topic: Projector Placement

Projector Connections

See these sections to connect the projector to a variety of projection sources.

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 DVI-D Video
Connecting to a Computer for 5 BNC Video
Connecting to a Computer for Sound

Parent topic: Projector Connections

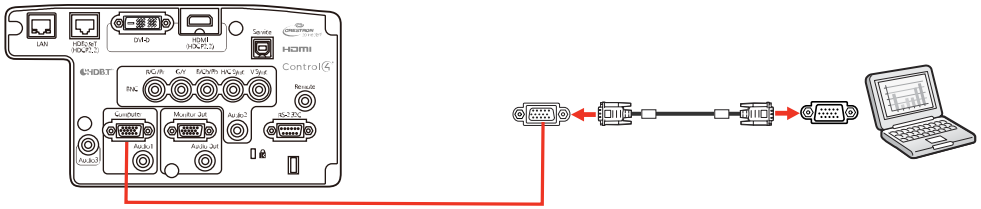
Connecting to a Computer for VGA Video

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.

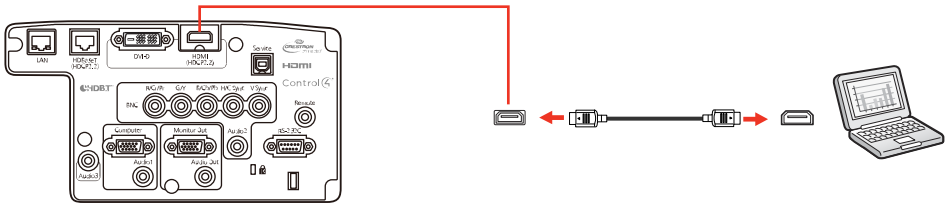
Parent topic: Connecting to Computer Sources

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: The projector converts the digital audio signal sent from your computer into a mono analog signal for the internal speaker or a stereo analog signal if you are connecting to external speakers.

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

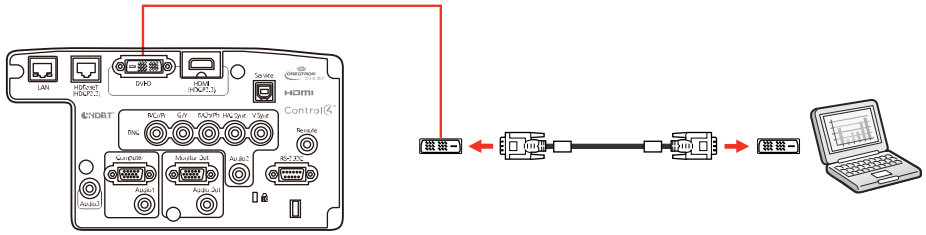
projector's **Audio3** port and the other end to your computer's audio out port. Then select **Audio3** for the **HDMI Audio Output** setting in the Extended menu.

Parent topic: Connecting to Computer Sources

Connecting to a Computer for DVI-D Video

If your computer has a DVI-D connector, you can connect it to the projector using an optional DVI-D cable.

1. Connect the DVI-D cable to your computer's DVI-D connector.
2. Connect the other end to the projector's **DVI-D** connector.

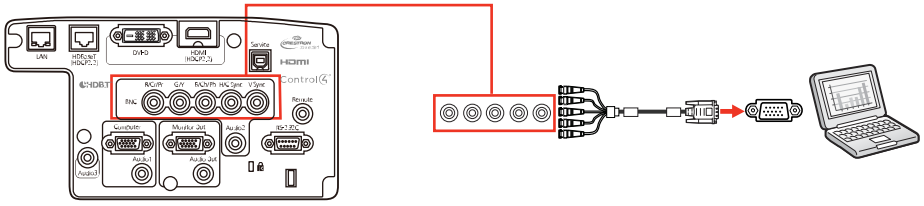


Parent topic: Connecting to Computer Sources

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.



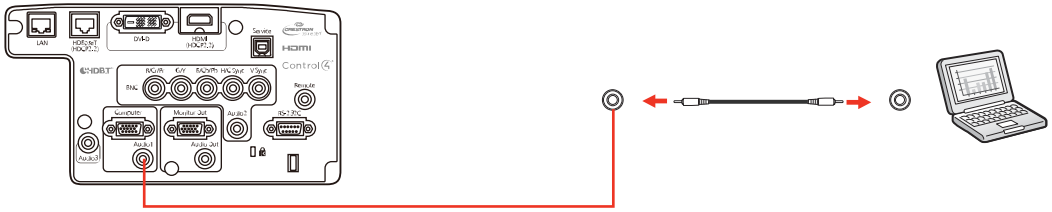
Parent topic: Connecting to Computer Sources

Connecting to a Computer for Sound

If your computer presentation includes sound and you did not connect it to the projector's **HDMI** port, you can still play sound through the projector's speaker system. Just connect an optional 3.5 mm stereo mini-jack audio cable as described here.

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** port you are using.

   Note: If you are projecting video through the projector's **DVI-D** port, connect the end of your audio cable to the **Audio3** port.



Parent topic: Connecting to Computer Sources

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 Video Source
Connecting to a Video Source for Sound

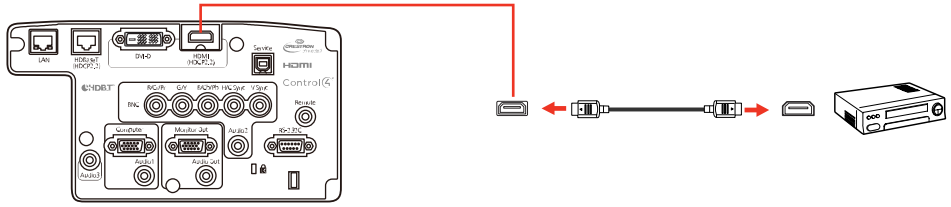
Parent topic: Projector Connections

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.



Note: The projector converts the digital audio signal sent from your video source into a mono analog signal for the internal speaker or a stereo analog signal if you are connecting to external speakers.

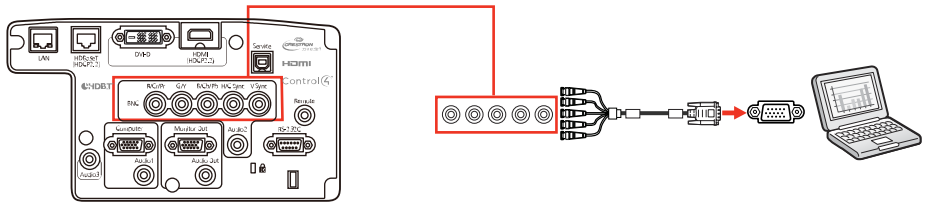
Note: If you have problems hearing audio through the HDMI connection, you can use the **Audio3** port instead to play sound. Connect one end of an optional 3.5 mm stereo mini-jack audio cable to the projector's **Audio3** port and the other end to your computer's audio out port. Then select **Audio3**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

Parent topic: Connecting to Video Sources

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.

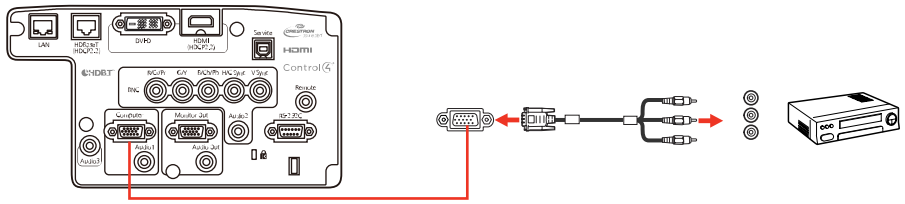


Parent topic: Connecting to Video Sources

Connecting to a Component 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

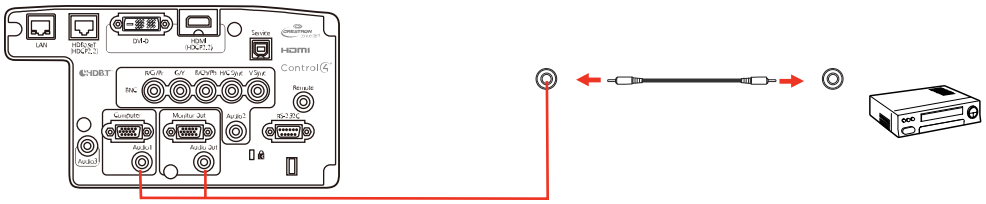
Connecting to a Video Source for Sound

You can play sound through the projector's speaker system if your video source has audio output ports. Just connect an optional stereo mini-jack audio cable as described here.

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.

1. Connect the audio cable to your video source's audio-out ports.

2. 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.



Parent topic: Connecting to Video Sources

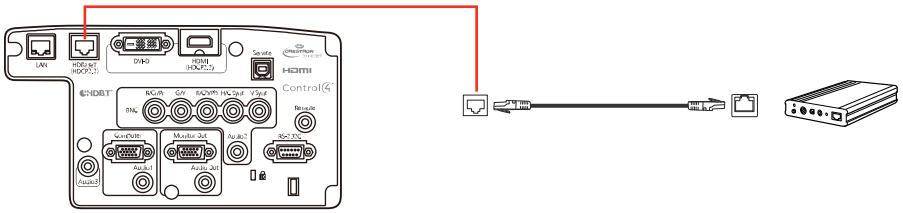
Connecting to an HDBaseT Transmitter

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. 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.



Note: See the documentation that came with the HDBaseT transmitter for instructions on connecting it to your video device or computer.

4. Turn on the projector and HDBaseT transmitter.

Note: To enable communication from the Ethernet and serial ports on the transmitter, select **On** as the **Control Communications** setting in the projector's Extended menu. Turning on this setting disables the projector's **LAN**, **RS-232C**, and **Remote** ports. If you connected an Extron XTP transmitter or switcher to the projector's **HDBaseT** port, select **On** as the **Extron XTP** setting in the projector's Extended menu.

Parent topic: Projector Connections

Related references

Projector Setup Settings - Extended Menu

Related tasks

Connecting to an External Computer Monitor

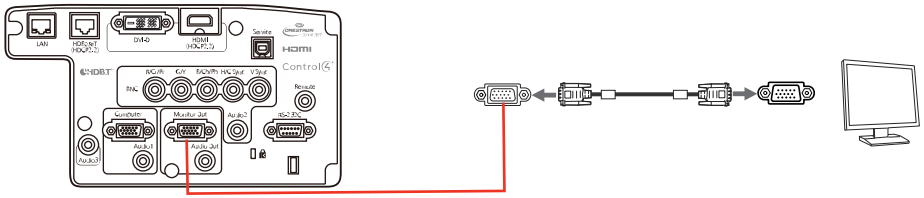
Connecting to an External Computer Monitor

If you connected a computer to the projector's **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** as the **Standby Mode** setting and **Always On** as 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.
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 Extended menu.

Parent topic: Projector Connections

Connecting to External Speakers

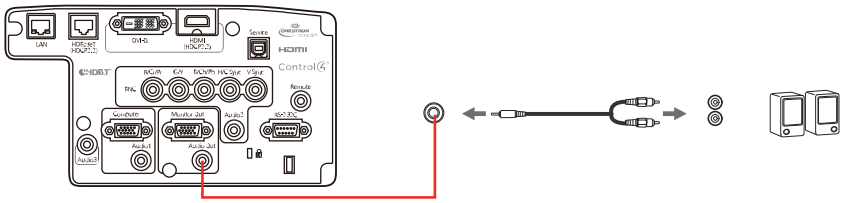
To enhance the sound from your presentation, you can connect the projector to external self-powered speakers. You can control the volume using the projector's remote control.

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 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.



Parent topic: Projector Connections

Related references

Solutions to Sound Problems

Attaching and Removing a Lens

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

Attaching a Lens

Removing a Lens

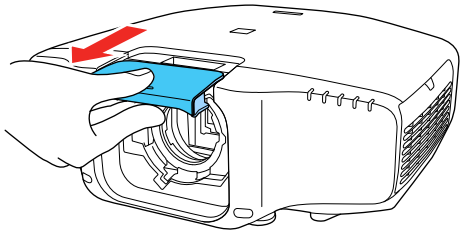
Parent topic: Setting Up the Projector

Attaching a Lens

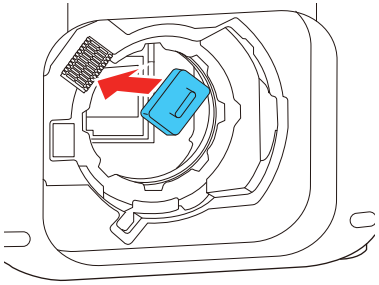
You can attach a compatible lens to the projector.

Caution: Unplug the power cord from the projector before attaching the lens. Avoid touching the lens with your bare hands to prevent fingerprints on or damage to the lens surface.

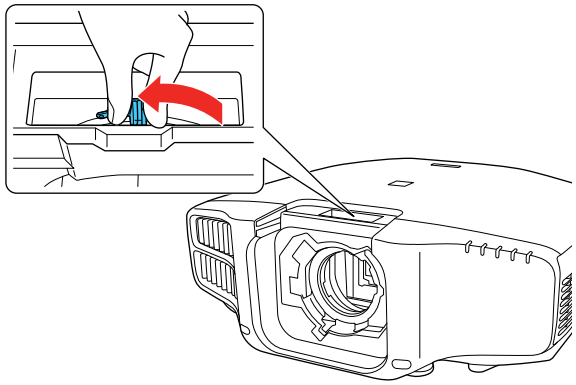
1. Pull the lens cover off of the projector.



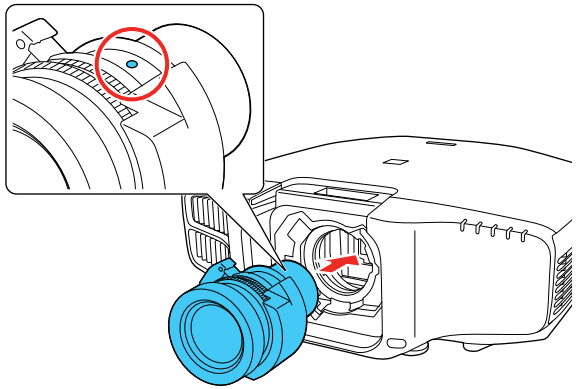
2. When using one of the following lenses, attach the lens connector cap: ELPLS04, ELPLU02, ELPLR04, ELPLW04, ELPLM06, ELPLM07, or ELPLL07.



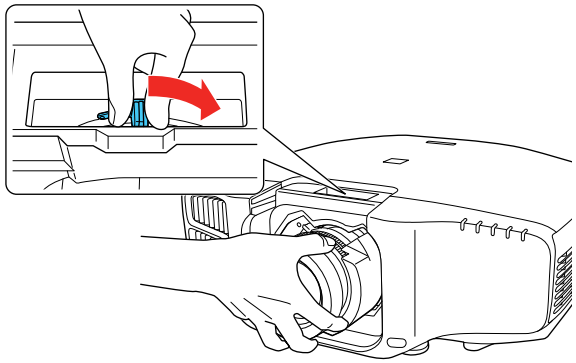
3. Slide the lock lever to the **Release** position (as shown) until you hear it click.



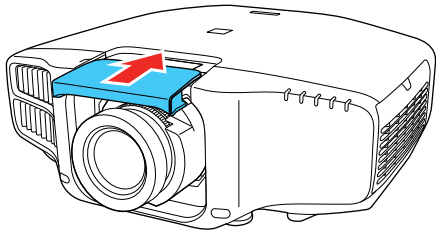
4. Insert the lens straight into the projector's lens socket with the white dot facing up.



5. Hold the lens firmly and slide the lock lever to the **Lock** position (as shown) until it locks.



6. Replace the lens cover.



7. If prompted, select **Yes** to calibrate the lens.

   Note: Lens calibration helps the projector to correctly acquire the lens position and adjustment range, and can take up to 100 seconds to complete. When calibration is finished, the lens returns to the same position it was in before calibration. (ELPX01 returns to the standard position.)

8. When using one of the following lenses, select the lens type in the **Extended** menu: ELPLS04, ELPLU02, ELPLR04, ELPLW04, ELPLM06, ELPLM07, or ELPLL07.

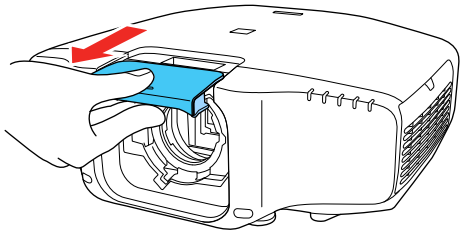
Parent topic: Attaching and Removing a Lens

Removing a Lens

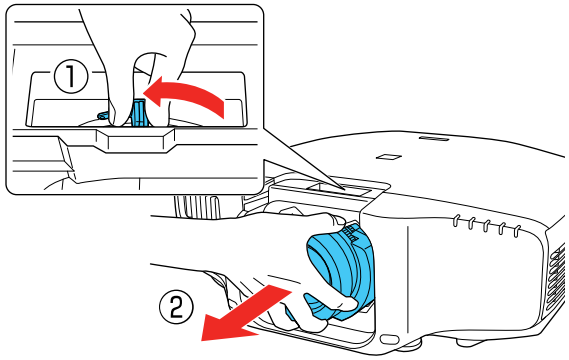
You can remove a lens to replace it with a different lens.

Caution: Remove the lens only when necessary and make sure the front of the projector is not facing up when you remove the lens. This prevents 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 the **Lens Shift** (remote) or **Lens** (control panel) button.
2. Turn off the projector and unplug the power cord.
3. Pull the lens cover off of the projector.



4. Hold the lens firmly as you slide the lock lever to the **Release** position (as shown) until you hear it click.



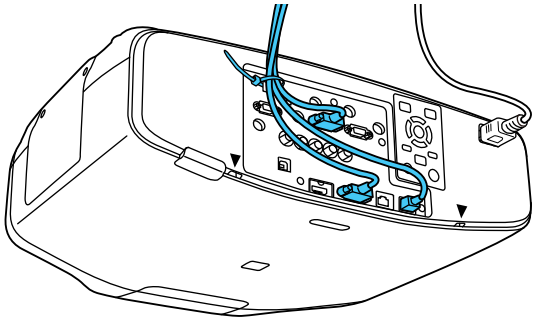
5. Gently pull the lens straight out of the projector.

Parent topic: Attaching and Removing a Lens

Attaching and Removing the Cable Cover

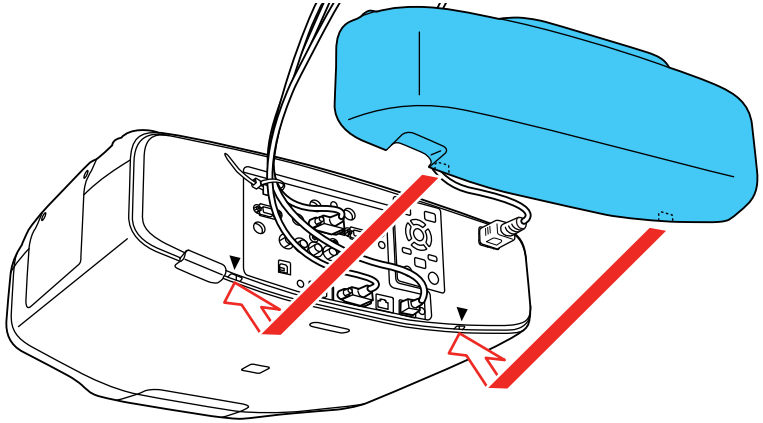
You can attach the cable cover that came with your projector to hide the attached cables from view.

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

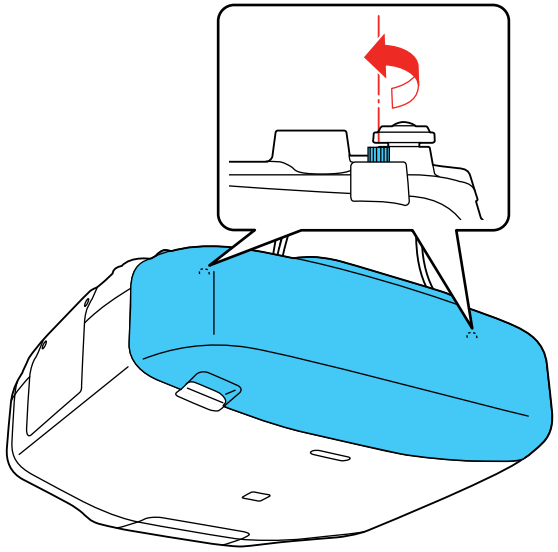


Caution: Do not bundle the power cord to the other cables. Otherwise, a fire may occur.

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 pull the cover off of the projector.

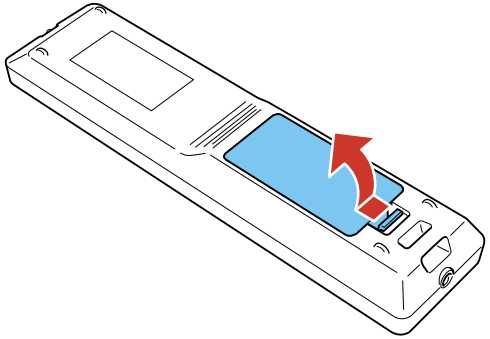
Parent topic: Setting Up the Projector

Installing Batteries in the Remote Control

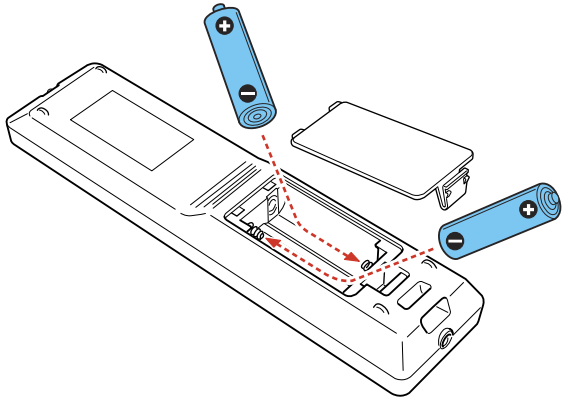
The remote control uses the two AA batteries that came with the projector.

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

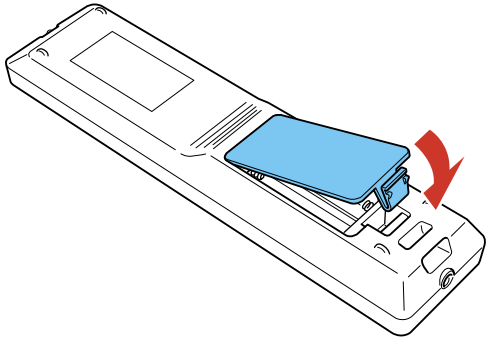
1. Remove the battery cover.



2. Insert the batteries with the **+** and **–** ends facing as shown.



3. Replace 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
Setting Up Projector Network E-Mail Alerts
Selecting Other Network Settings
Controlling a Networked Projector Using a Web Browser
Crestron RoomView Support

Wired Network Projection

You can project through a wired network. 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 included CD or download the software and manuals as necessary.

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 Epson network software.

Connecting to a Wired Network
Selecting Wired Network Settings

Parent topic: Using the Projector on a Network

Related references

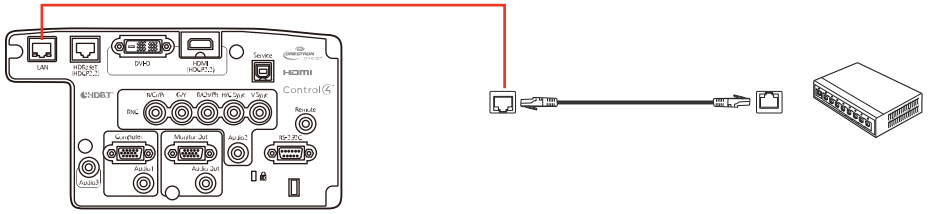
Projector Network Settings - Network Menu

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 5 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.



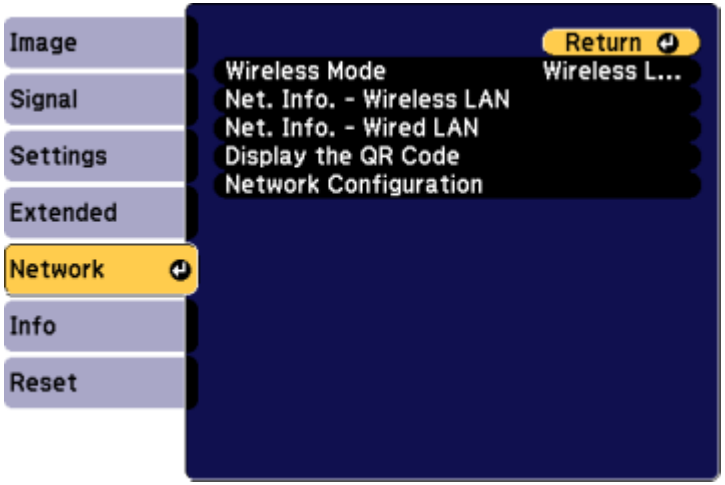
Parent topic: Wired Network Projection

Selecting Wired Network Settings

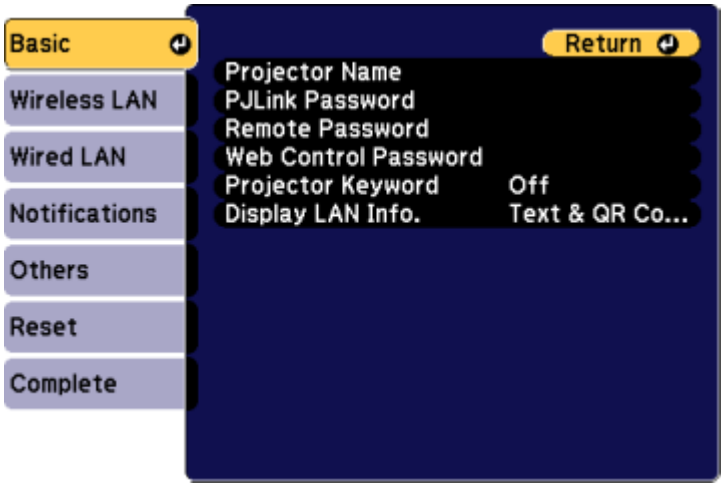
Before you can project from computers on your network, you must select the network settings for the projector using its menu system.

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**.



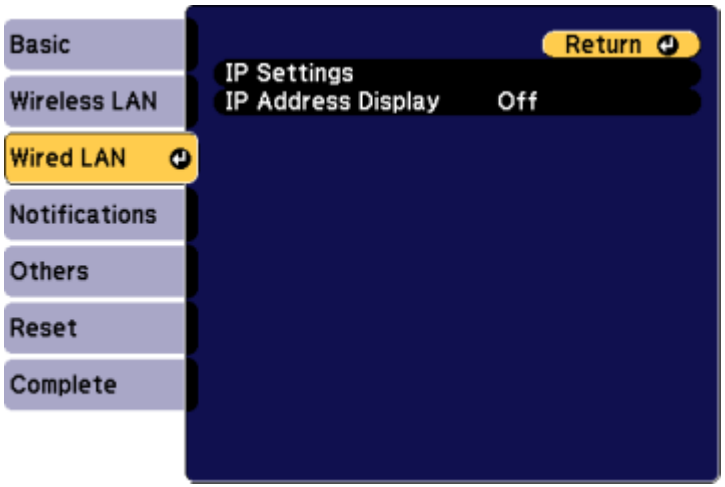
4. Select **Network Configuration** and press **Enter**.
5. Select the **Basic** menu and press **Enter**.



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.
   - **PJLink Password** lets you enter a password up to 32 alphanumeric characters long for using the PJLink protocol for projector control.
   - **Remote Password** lets you enter a password up to 8 alphanumeric characters long for accessing the Remote or Basic Control screen in Epson Web Control. (Default user name is **EPSONREMOTE**; default password is **guest**.)
   - **Web Control Password** lets you enter a password up to 8 alphanumeric characters long for accessing Epson Web Control. (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 Multi PC 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**.



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 **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 project over a wireless network. To do this, you must set up your projector and computer for wireless projection.

Note: The Epson 802.11b/g/n wireless LAN module is not included with your projector and is optional.

There are two ways to connect to your projector wirelessly:

- Using the optional Quick Wireless Connection USB Key (Windows only); your computer does not need to be connected to a wireless network or use additional network software to connect with this option
- Configuring the connection manually using the projector's Network menus

After setting up the projector as described here, install the network software from the included CD or download the software and manuals as necessary.

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 Epson network software.

Installing the Wireless LAN Module
Using Quick Wireless Connection (Windows Only)
Selecting Wireless Network Settings Manually
Selecting Wireless Network Settings in OS X
Selecting Wireless Network Settings in Windows

Parent topic: Using the Projector on a Network

Related references
Optional Equipment and Replacement Parts

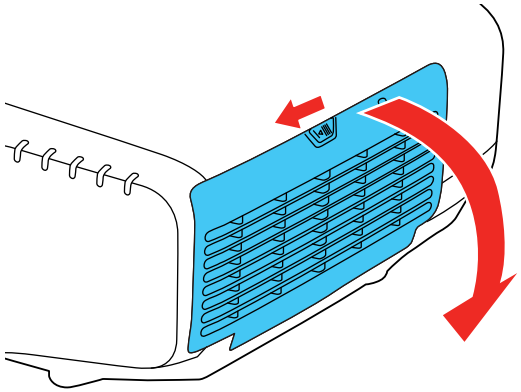
Installing the Wireless LAN Module

To use the projector over a wireless network, install the optional Epson 802.11b/g/n wireless LAN module. Do not install any other type of wireless LAN module.

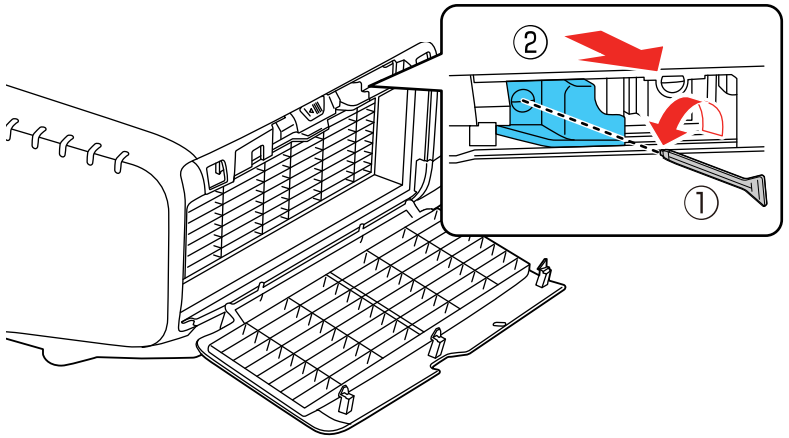
Caution: Never remove the module while its indicator light is green or flashing, or while you are projecting wirelessly. You may damage the module or lose data.

1. Turn off the projector and unplug the power cord.

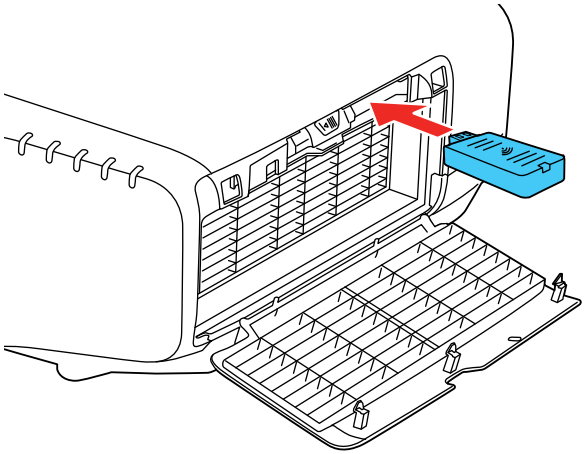
2. Slide the air filter cover latch and open the air filter cover.



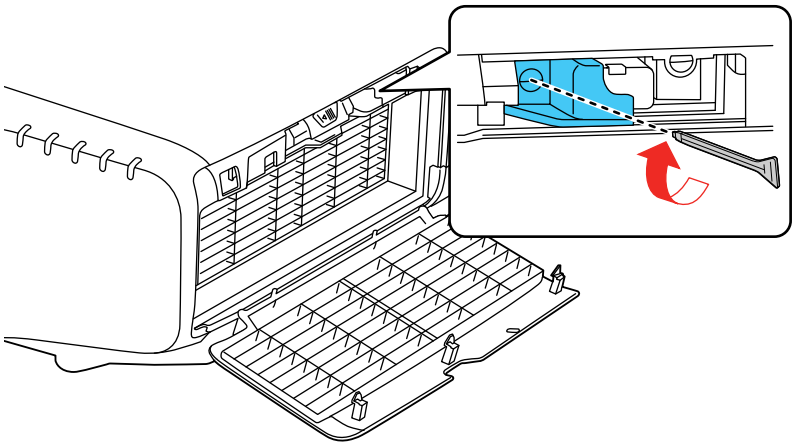
3. Remove the screw securing the wireless LAN module stopper, then remove the stopper.



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)

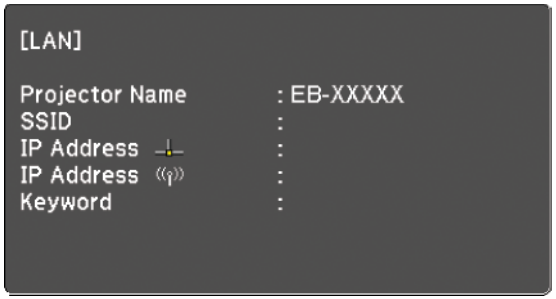
You can use the Quick Wireless Connection USB key to quickly connect your computer to the projector wirelessly. Then you can project your presentation and remove the key when you are done.

Note: The Quick Wireless Connection USB key is not included with your projector and is optional.

Note: Make sure the wireless LAN module is installed. The wireless LAN module is not included with your projector and is optional.

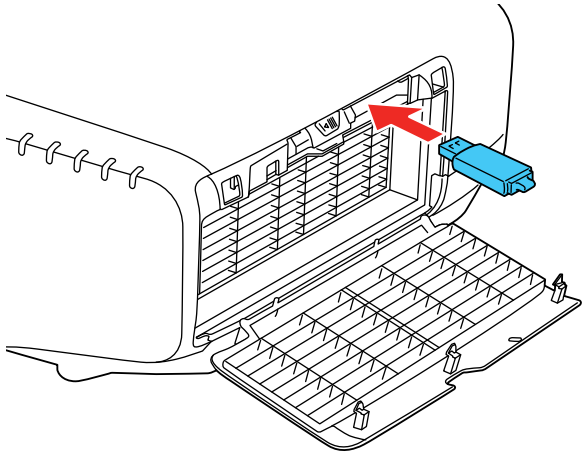
1. Turn on the projector.
2. Press the **LAN** button on the remote control.

   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 if necessary.

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. Connect the USB key to a USB port on your computer or laptop.

   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 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.

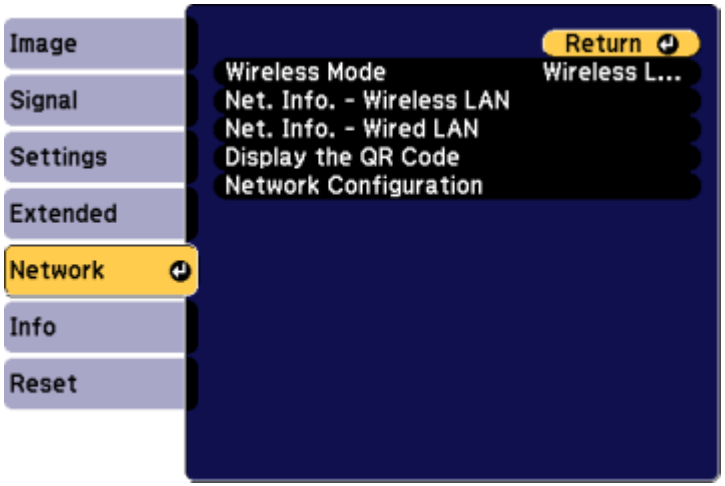
    Note: You may need to restart your computer to reactivate your wireless LAN connection.

Parent topic: Wireless Network Projection

Selecting Wireless Network Settings Manually

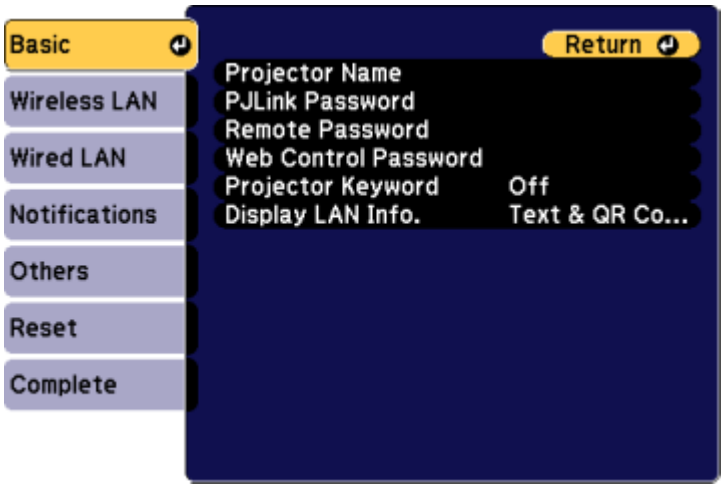
Before you can project from your wireless network, you must select the network settings for the projector using its menu system.

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



4. Make sure the **Wireless Mode** setting is set to **Wireless LAN On**.
5. Select **Network Configuration** and press **Enter**.

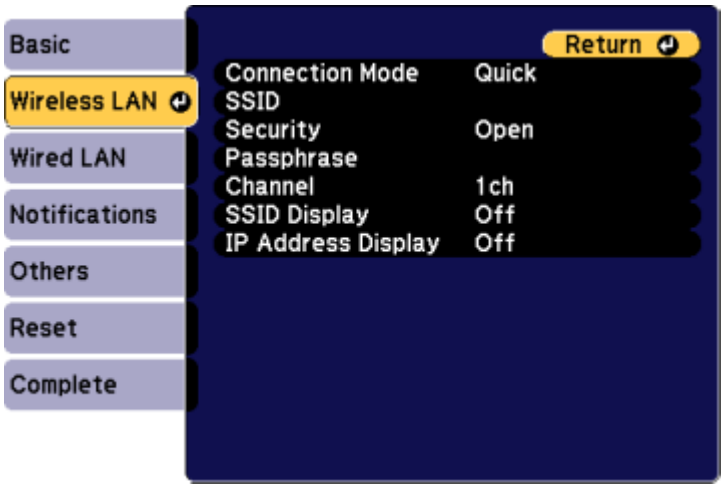
6. Select the **Basic** menu and press **Enter**.



7. 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.
   - **PJLink Password** lets you enter a password up to 32 alphanumeric characters long for using the PJLink protocol for projector control.
   - **Remote Password** lets you enter a password up to 8 alphanumeric characters long for accessing the Remote or Basic Control screen in the Epson Web Control. (Default user name is **EPSONREMOTE**; default password is **guest**.)
   - **Web Control Password** lets you enter a password up to 8 alphanumeric characters long for accessing the projector over the web.
   - **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 Multi PC Projection software to access the projector.
   - **Display LAN Info** lets you select how the projector displays network information. You can select an option to display a QR code that lets you quickly connect your iOS or Android devices using the Epson iProjection app.

   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.

8. Select the **Wireless LAN** menu and press **Enter**.



9. Select the settings on the **Wireless LAN** menu as necessary for your network.
10. When you finish selecting settings, select **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, or iOS or Android device.

Wireless LAN Menu Settings

Parent topic: Wireless Network Projection

Wireless LAN Menu Settings

Setting	Options	Description
Connection Mode	**Quick** **Advanced**	Selects the type of wireless connection: **Quick**: lets you quickly connect to one computer or use the optional Quick Wireless Connection USB key to connect **Advanced**: lets you connect to multiple computers via a wireless network access point (infrastructure mode)
Security	**Open** **WPA2-PSK** **WPA/WPA2-PSK**	Selects the type of wireless security used in the wireless network
Passphrase	Up to 64 alphanumeric characters	Enter a paraphrase for the wireless network
Channel	**1ch** **6ch** **11ch**	In **Quick** connection mode, selects the frequency band (channel) used by the wireless LAN
Search Access Point	**To Search View**	Search for available wireless network access points in **Advanced** connection mode
SSID	Up 32 alphanumeric characters	Sets the SSID (network name) of the wireless LAN system the projector is connecting to
SSID Display	**On** **Off**	Selects whether to display the SSID on the network standby screen

Setting	Options	Description
IP Settings	—	Turns on DHCP if your network assigns addresses automatically; set to **Off** to manually enter the network's **IP Address**, **Subnet Mask**, and **Gateway Address**
IP Address Display	**On** **Off**	Selects whether to display the IP address on the network standby screen

Parent topic: Selecting Wireless Network Settings Manually

Selecting Wireless Network Settings in OS X

Before connecting to the projector, select the correct wireless network in 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

Selecting Wireless Network Settings in Windows

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

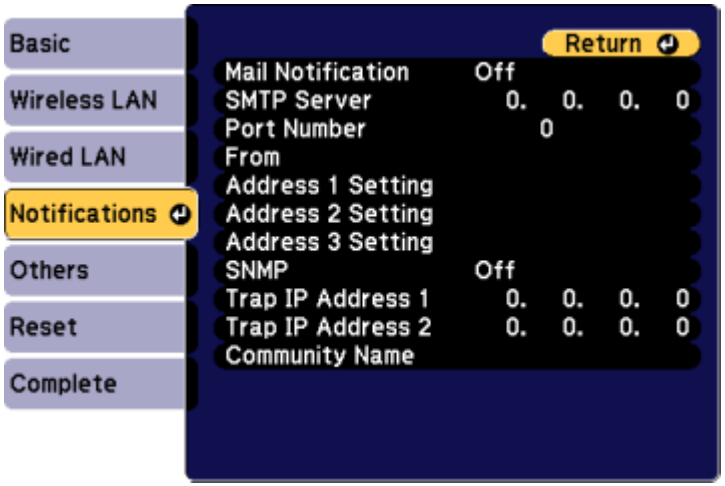
1. To access your wireless utility software, access the Desktop and double-click the network icon on the Windows taskbar.
2. Do one of the following:
   - If your projector is set up on an existing network (Advanced mode), select the network name (SSID).
   - If your projector is configured for Quick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

Parent topic: Wireless Network Projection

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. Select the **Notifications** menu and press **Enter**.



5. Turn on **Mail Notification**.
6. Enter the IP address for the **SMTP Server** setting.

   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. Select a number for the SMTP server **Port Number** setting, from 1 to 65535 (default is 25).
8. Choose an **Address** field, enter the e-mail address, and select the alerts you want to receive there. Repeat for up to three addresses. Your e-mail address can be up to 32 alphanumeric characters long.

9. When you finish selecting settings, select **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

Parent topic: Using the Projector on a Network

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.

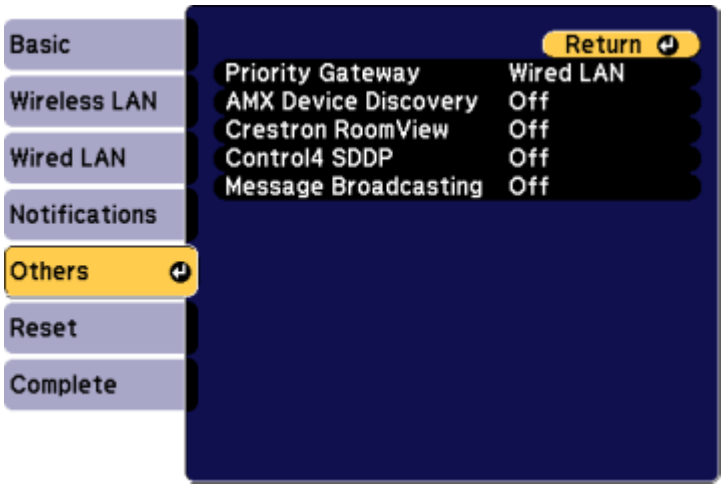
Parent topic: Setting Up Projector Network E-Mail Alerts

Selecting Other Network Settings

You can select optional network settings on the Others 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 and press **Enter**.



5. If available, select the **Priority Gateway** setting for your network.
6. If your network environment uses an AMX controller, turn on the **AMX Device Discovery** setting to allow the projector to be detected.
7. If your network environment uses a Crestron RoomView controller, turn on the **Crestron RoomView** setting to allow the projector to be detected.

   Note: Enabling Crestron RoomView disables the Epson Message Broadcast feature in the EasyMP Monitor software.

8. If your network environment uses a Control4 or Control4 SDDP controller, turn on the **Control4 SDDP** setting to allow the projector to be detected.
9. 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 (Windows only).
10. When you finish selecting settings, select **Complete** and follow the on-screen instructions to save your settings and exit the menus.

Parent topic: Using the Projector on a Network

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.

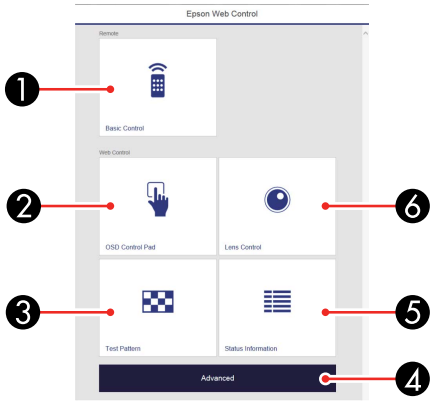
Note: The web setup and control features support Microsoft Internet Explorer 9.0 or later, and Safari on networks that do not use a proxy server for connection. You cannot select all of the projector menu settings or control all projector functions using a web browser.

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 or device connected to the network.
3. Type the projector's IP address into the browser's address box and press the computer's **Enter** key.

   Note: You may need to log in before you see the Web Control screen. If you see a log in window, enter your user name and password. (The default user name is **EPSONWEB** and the default password is **admin**.)

   You see the Web Control screen.



1 Select **Basic Control** to control the projector remotely

2 Select **OSD Control Pad** to change the projector's menu settings

3 Select **Test Pattern** to display a test pattern

4 Select **Advanced** to open the advanced menu screen

5 Select **Status Information** to view the projector's status

6 Select **Lens Control** to adjust the lens (focus, zoom, and lens shift)

4. Select the option corresponding to the projector function you want to control.

Web Control Options

Parent topic: Using the Projector on a Network

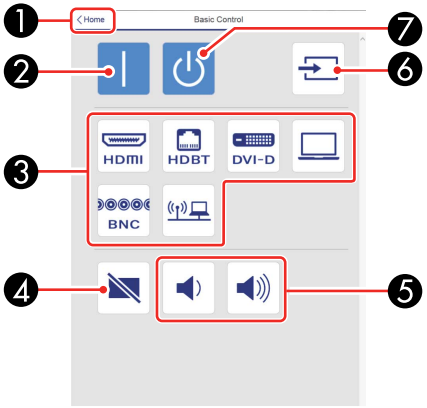
Related references

Projector Setup Settings - Extended Menu

Web Control Options

Basic Control

Note: If the Remote Password is set to **On**, you need to enter your user name and password. (The default username is **EPSONREMOTE** and the default password is **guest**).



1 Returns to the Home screen

2 Turns on the projector

3 Input source selection controls

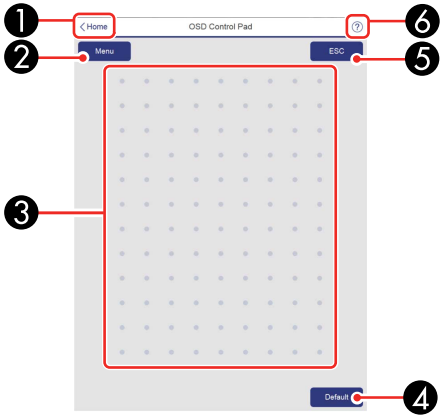
4 **A/V Mute** button control

5 **Volume** button controls

6 Searches for sources

7 Turns off the projector

OSD Control Pad



1 Returns to the Home screen

2 Displays the projector's setting menus

3 Use your finger or mouse to navigate the menus

4 Returns settings to their default values

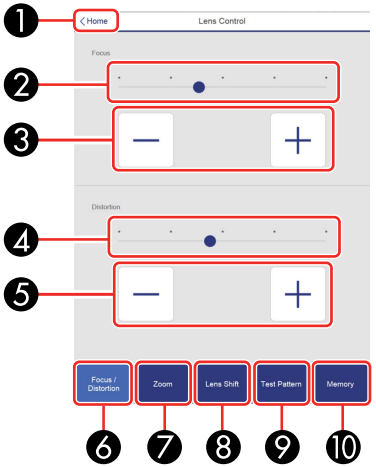
5 Returns to the previous menu

6 Displays help topics

Note: You cannot change some settings using Epson Web Control.

Lens Control

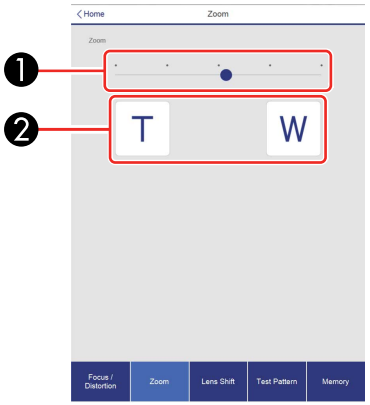
Focus/Distortion screen



1	Returns to the Home screen
2	Focus adjustment slider
3	Focus adjustment buttons
4	Distortion adjustment slider (not available for ELPLU02)
5	Distortion adjustment buttons (not available for ELPLU02)
6	Displays the Focus/Distortion screen
7	Displays the Zoom screen
8	Displays the Lens Shift screen
9	Displays the Test Pattern screen
10	Displays the Memory screen

Zoom screen

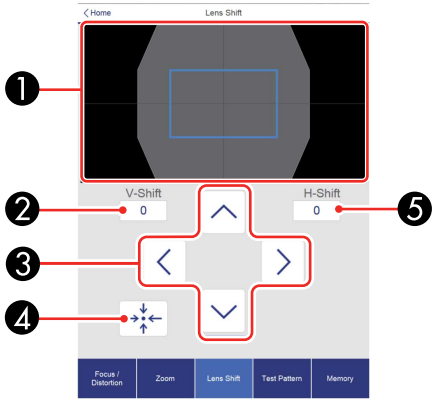
Note: Zoom is not available for ELPLX01 and ELPLR04.



1 Zoom adjustment slider

2 Zoom adjustment buttons

Lens Shift screen



1 The current image position is displayed as a blue square and the new image position is displayed as a red square

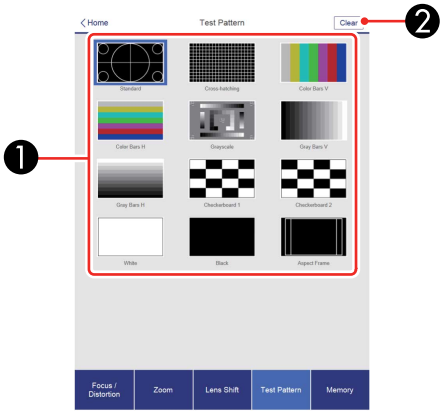
2 Displays the vertical image position; select to change the value

3 Moves the image position up, down, left, or right

4 Moves the lens to the home position

5 Displays the horizontal image position; select to change the value

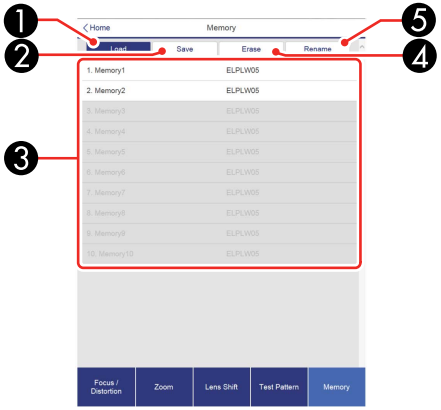
Test Pattern screen



1 Displays available test patterns; select to project a test pattern

2 Turns off test pattern display

Memory screen



1 Overwrites your current settings with saved settings

2 Saves your current settings to memory

3 Displays a list of saved memories

4 Erases a saved memory

5 Renames a saved memory

Status Information



1 Returns to the Home screen

2 Displays a list of monitored items

3 Displays the item status

4 Select to view different status information

Parent topic: Controlling a Networked Projector Using a Web Browser

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 when you use Crestron RoomView.

For additional information on Crestron RoomView, contact Crestron.

Setting Up Crestron RoomView Support
Controlling a Networked Projector Using Crestron RoomView

Parent topic: Using the Projector on a Network

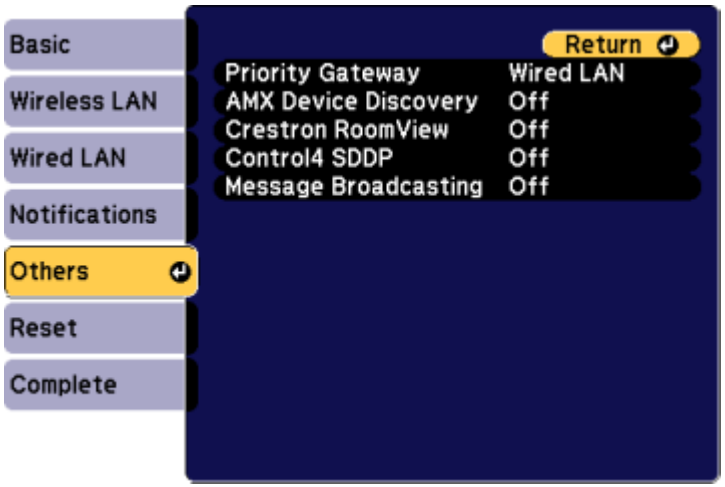
Setting Up Crestron RoomView Support

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 and press **Enter**.



5. Set the **Crestron RoomView** setting to **On** to allow the projector to be detected.
6. When you finish selecting settings, select **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

Related references

Projector Setup Settings - Extended Menu

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

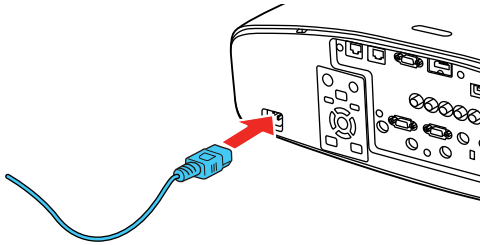
Follow the instructions in these sections to use your projector's basic features.

Turning On the Projector
Turning Off the Projector
Selecting the Language for the Projector Menus
Resizing the Image with the Zoom Button
Focusing the Image Using the Focus Button
Setting the Lens Type
Setting the Screen Type
Adjusting the Image Position Using Lens Shift
Adjusting the Image Position Using Screen Position
Displaying a Test Pattern
Adjusting the Image Height
Image Shape
Selecting an Image Source
Remote Control Operation
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.

1. Connect the power cord to the projector's power inlet.



2. Plug the power cord into an electrical outlet.

   The projector's On/Standby light turns blue. 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 **On** button on the projector or remote control to turn on the projector.

   The projector beeps and the status light flashes blue as the projector warms up. After about 30 seconds, the status light stops flashing and turns blue.

   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.

   Note: If the **Auto Source Search** setting in the Extended menu is enabled, the projector automatically detects the input signal when you turn it on.

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.

Parent topic: Using Basic Projector Features

Related references

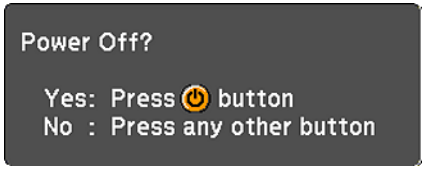
Projector Setup Settings - Extended Menu

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



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

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).

Caution: Do not turn the projector on immediately after turning it off. Turning the projector on and off frequently may shorten the life of the lamp.

3. To transport or store the projector, make sure the Status light is off, then unplug the power cord.

Caution: To avoid damaging the projector or lamp, never unplug the power cord when the Status light is on or flashing blue.

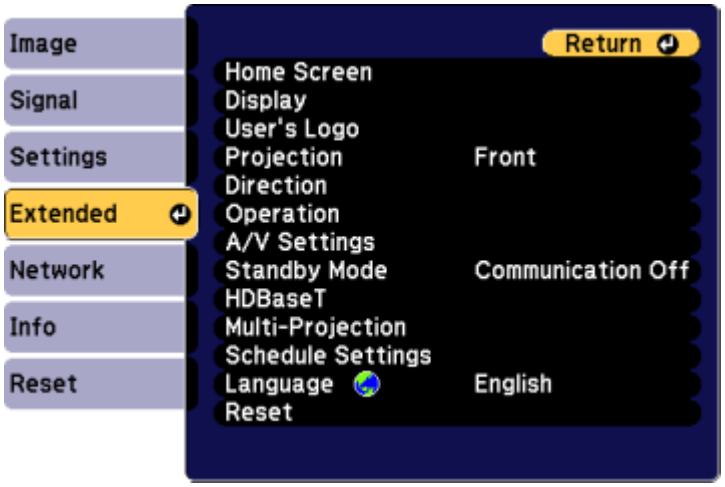
Parent topic: Using Basic Projector Features

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

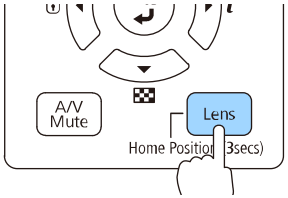
Resizing the Image with the Zoom Button

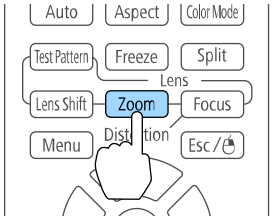
You can adjust the size of the image using the zoom buttons.

Note: Wait 20 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. Press the **Lens** button on the control panel repeatedly until the zoom adjustment screen appears, or press the **Zoom** button on the remote control.





3. Press and hold the arrow buttons on the projector's control panel or remote control to resize the image.
4. Press the **Esc** button on the projector's control panel or remote control when finished.

Parent topic: Using Basic Projector Features

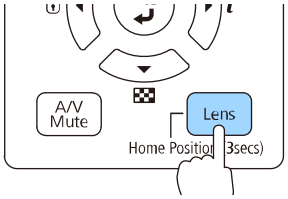
Focusing the Image Using the Focus Button

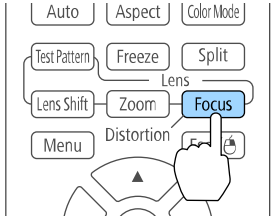
You can adjust the sharpness of the projected image using the focus buttons.

Note: Wait 20 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. Press the **Lens** button on the control panel repeatedly until the focus adjustment screen appears, or press the **Focus** button on the remote control.





3. Press and hold the arrow buttons on the projector's control panel or remote control to adjust the focus.
4. Press the **Esc** button on the projector's control panel or remote control when finished.

Focusing the Image with the Optional Short Throw Lens

Parent topic: Using Basic Projector Features

Focusing the Image with the Optional Short Throw Lens

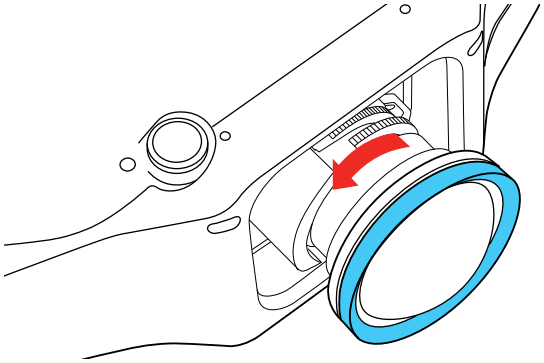
If you installed the optional short throw lens (ELPLU02/ELPLU03/ELPLU04) and used the lens shift option to shift the lens, you can focus the image using the distortion and focus rings.

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.

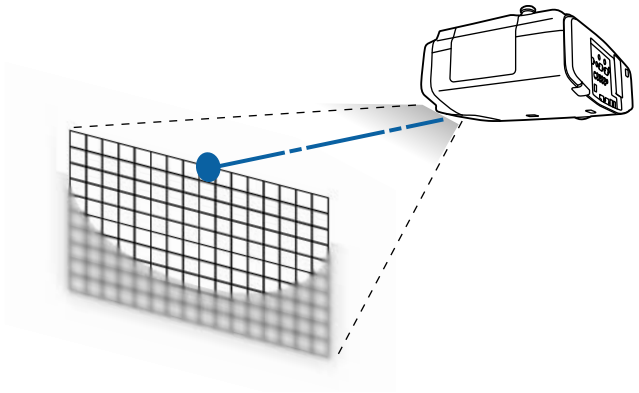
   Note: You can also display a pattern to aid in adjusting the projected image using the **Test Pattern** button on the remote control.

2. Carefully rotate the distortion ring all the way counter-clockwise.

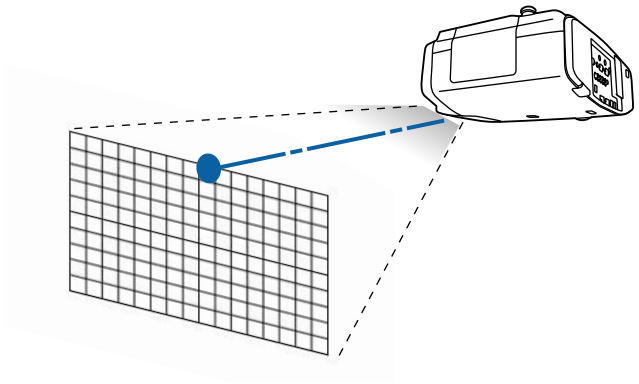


Note: Be careful not to shift the short throw lens when adjusting it to prevent the projected image from shifting.

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



4. Rotate the distortion ring until the edges of the image are also focused.



5. Rotate the focus ring again to focus the entire screen image.
6. If the center of the image out of focus, rotate the distortion ring again to bring the area into focus.

Parent topic: Focusing the Image Using the Focus Button

Related tasks

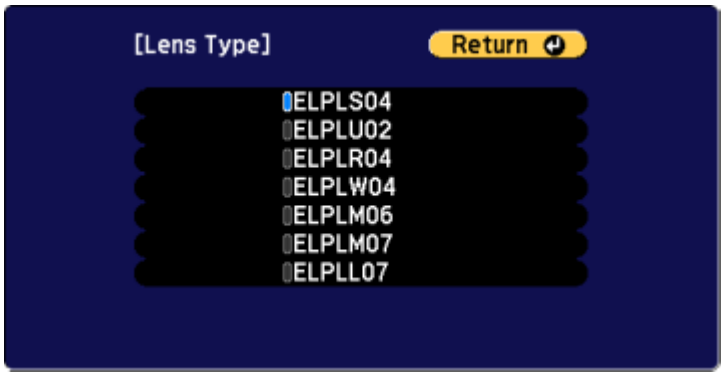
Adjusting the Image Position Using Lens Shift
Adjusting the Image Position Using Screen Position

Setting the Lens Type

After installing one of the following lenses, you need to select the model number for the lens: ELPLS04, ELPLU02, ELPLR04, ELPLW04, ELPLM06, ELPLM07, or ELPLL07.

1. Turn on the projector and display an image.
2. Press the **Menu** button.
3. Select the **Extended** menu and press **Enter**.
4. Select **Operation** > **Advanced** > **Lens Type**.

You see this screen:



5. Select your lens model number and press **Enter**.
6. Press the **Menu** button to exit.

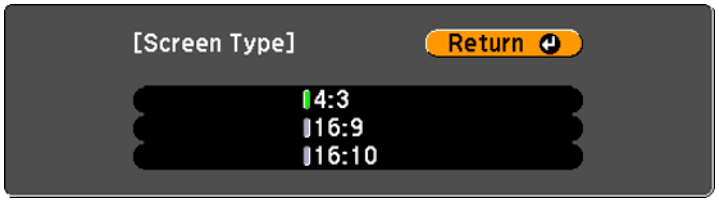
Parent topic: Using Basic Projector Features

Setting the Screen Type

You can use the Screen Type setting to match the aspect ratio of the displayed image to the screen you are using.

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:



5. Select your screen's aspect ratio and press **Enter**.
6. Press the **Menu** button to exit.
7. Adjust the aspect ratio for the projected image, if necessary.

Parent topic: Using Basic Projector Features

Related concepts
Image Aspect Ratio

Adjusting the Image Position Using Lens Shift

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

Note: Wait 20 minutes after turning on the projector before setting the focus, zoom, and lens shift for maximum accuracy. Lens shift is not supported for the ELPLR04 lens.

1. Turn on the projector and display an image.
2. Press the **Lens Shift** button on the remote control or the **Lens** button on the control panel.
3. Press the arrow buttons to adjust the position of the projected image as necessary.
4. When you are finished, press the **Esc** button on the control panel or remote control.

Note: When adjusting the image height, position the image lower than where you want it to be and then move it up. This will help prevent the image from moving down after adjustment. The image is clearest when the lens is at the home position. To move the lens to the home position, press and hold the **Lens Shift** button on the remote control or the **Lens** button on the control panel for at least three seconds.

Parent topic: Using Basic Projector Features

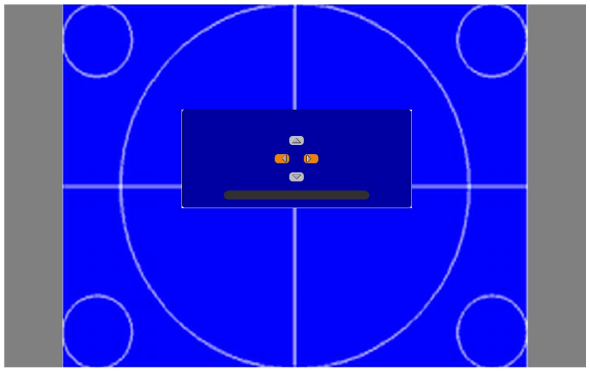
Adjusting the Image Position Using Screen Position

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

Note: You cannot adjust the screen position if the Screen Type is set to **16:10** for a WXGA/WUXGA projector model or **4:3** for a XGA projector model.

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.

Parent topic: Using Basic Projector Features

Displaying a Test Pattern

You can display a test pattern to adjust the projected 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 clear the test pattern.

Available Test Pattern Image Adjustments

Parent topic: Using Basic Projector Features

Related tasks

Setting the Screen Type

Available Test Pattern Image Adjustments

You can adjust the following settings while the test pattern is displayed.

Menu	Settings
Image	**Color Mode**
	White Balance
	Advanced • **Gamma**[1] • **RGBCMY**
Settings	**Geometric Correction**
Extended	**Multi-Projection**[2]

[1] Except for custom **Gamma** settings

[2] Except for the **Scale**, **Color Uniformity**, and **Black Level** settings

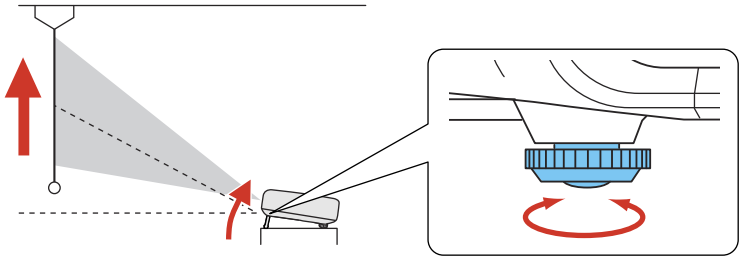
Parent topic: Displaying a Test Pattern

Adjusting the Image Height

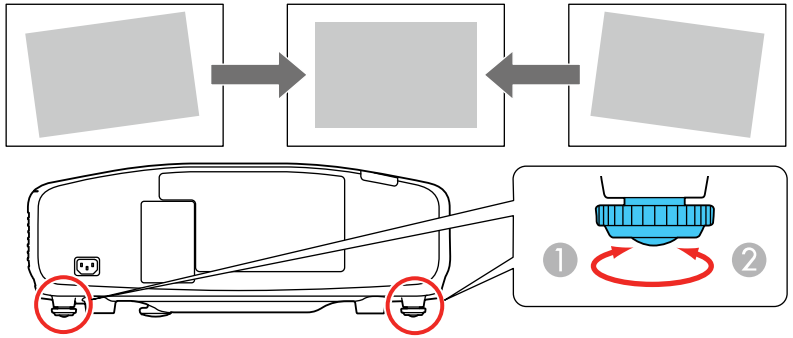
If you are projecting from a table or other flat surface, and the image is too high or low, you can adjust the image height using the projector's adjustable feet.

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.

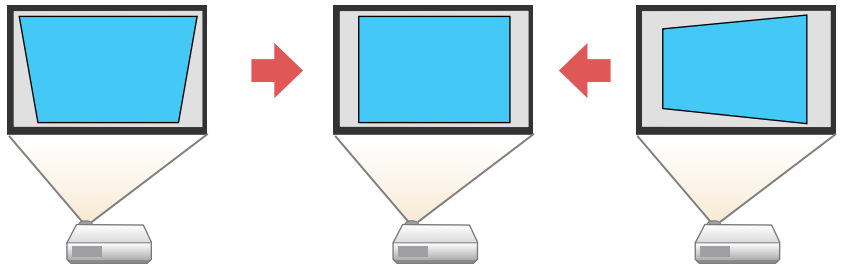
Note: You cannot combine multiple image adjustment methods, except adjusting the **Point Correction** setting after adjusting the **Curved Surface** or **Corner Wall** settings.

Correcting Image Shape with H/V Keystone
Correcting Image Shape with Quick 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.



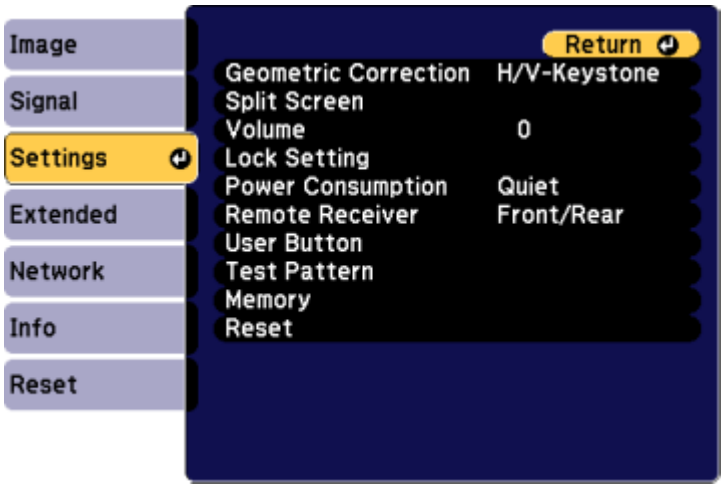
1. Turn on the projector and display an image.

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

   Note: You can also display a pattern to aid in adjusting the projected image using the **Test Pattern** button on the remote control.

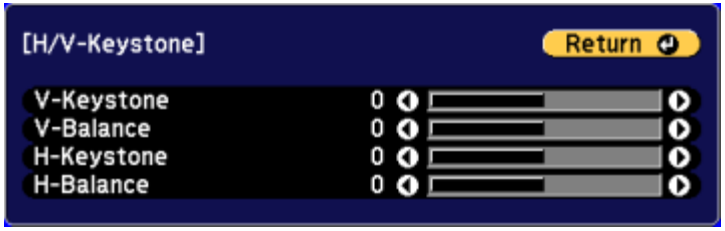
2. Press the **Menu** button.

3. Select the **Settings** menu and press **Enter**.



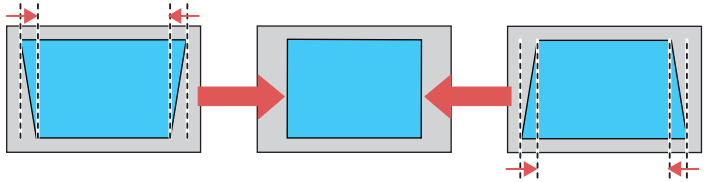
4. Select the **Geometric Correction** setting and press **Enter**.
5. Select the **H/V-Keystone** setting and press **Enter**. Then press **Enter** again.

   You see the H/V-Keystone adjustment screen:

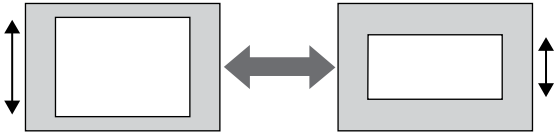


6. Use the arrow buttons on the projector or the remote control to select between vertical and horizontal keystone correction and to adjust the image shape as necessary.

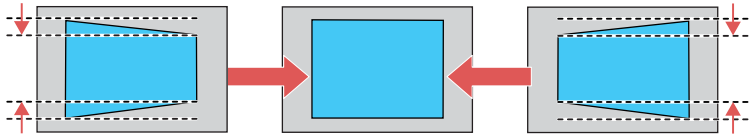
V-Keystone



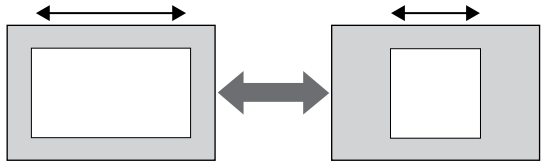
V-Balance



H-Keystone



H-Balance



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

   After correction, your image is slightly smaller.

Parent topic: Image Shape

Related references

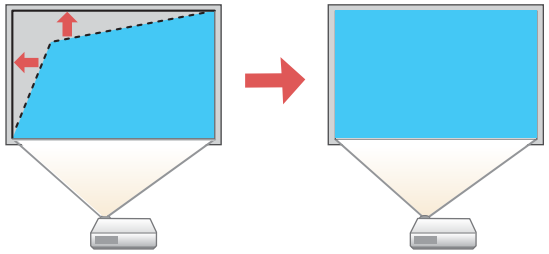
Projector Feature Settings - Settings Menu

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.



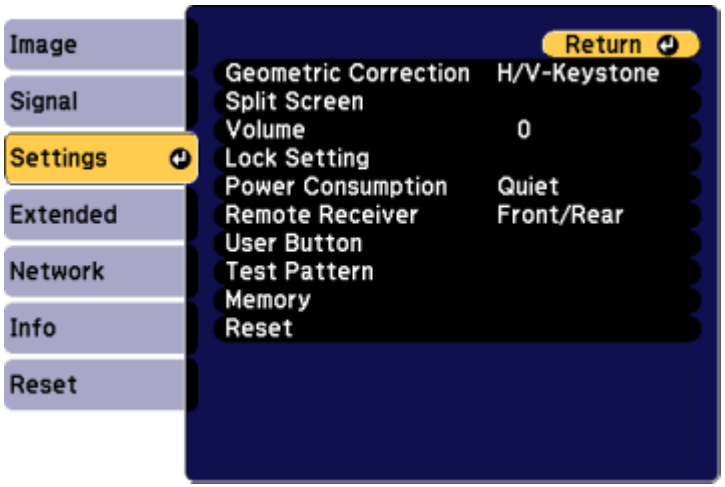
1. Turn on the projector and display an image.

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

   Note: You can also display a pattern to aid in adjusting the projected image using the **Test Pattern** button on the remote control.

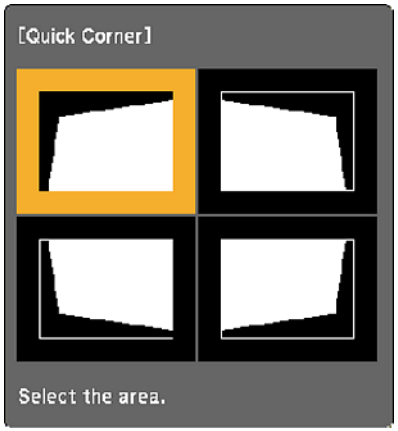
2. Press the **Menu** button.

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

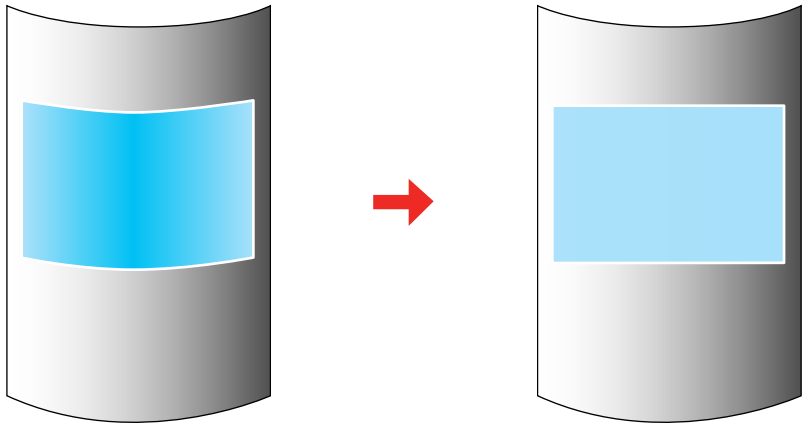
Projector Feature Settings - Settings Menu

Related tasks

Displaying a Test Pattern

Correcting Image Shape with Curved Surface

You can use the projector's Curved Surface setting to adjust the shape of an image projected on a curved surface.

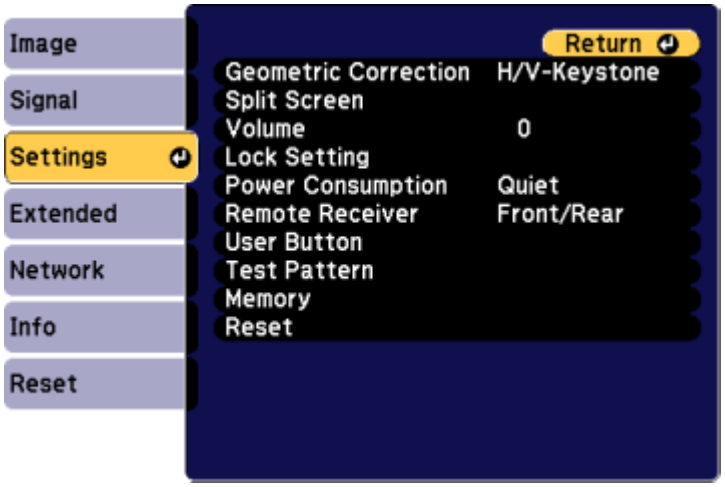


1. Turn on the projector and display an image.

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

   Note: You can also display a pattern to aid in adjusting the projected image using the **Test Pattern** button on the remote control.

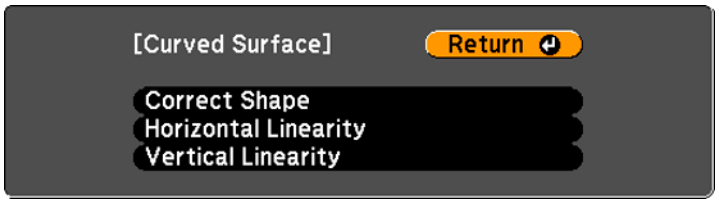
2. Press the **Menu** button.
3. Select the **Settings** menu and press **Enter**.



4. Select the **Geometric Correction** setting and press **Enter**.
5. Select the **Curved Surface** setting and press **Enter**.

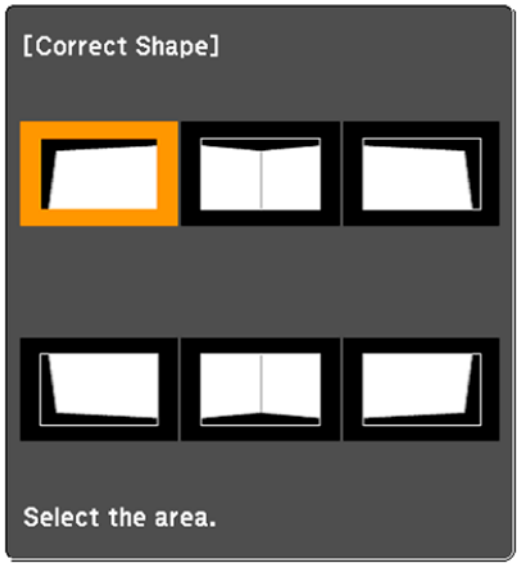
   Note: If you see a confirmation message, press **Enter**.

   You see this screen:



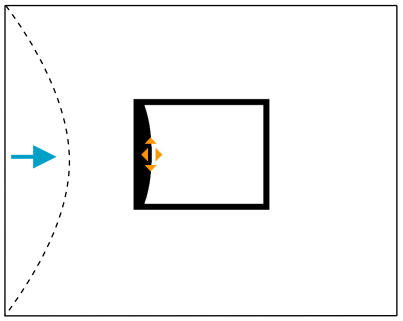
6. Select the **Correct Shape** setting and press **Enter**.

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



Note: To reset your adjustments, press and hold 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 image shape.

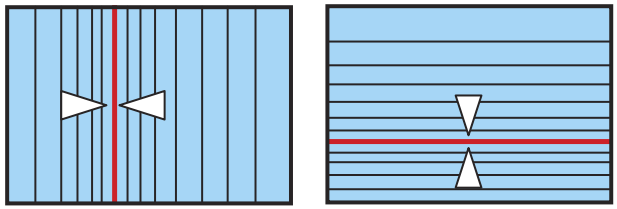


Note: If the adjustment triangle turns gray, you cannot adjust the shape any further in that direction.

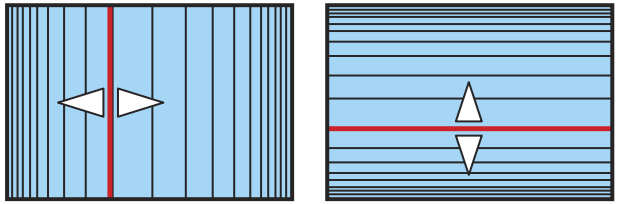
9. Press the **Esc** button to return to the Curved Surface menu screen.
10. Repeat the previous three steps as necessary to adjust other image areas.

    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 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 the **Menu** button.

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

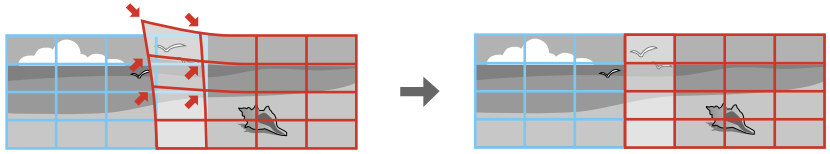
Related tasks

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 fine-tune the image shape using points on a grid. This is useful for adjusting overlapping areas in multiple projected images that do not line up correctly.



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: You can also display a pattern to aid in adjusting the projected image using the **Test Pattern** button on the remote control.

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 **Point Correction** setting and press **Enter**.

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

You see this screen:

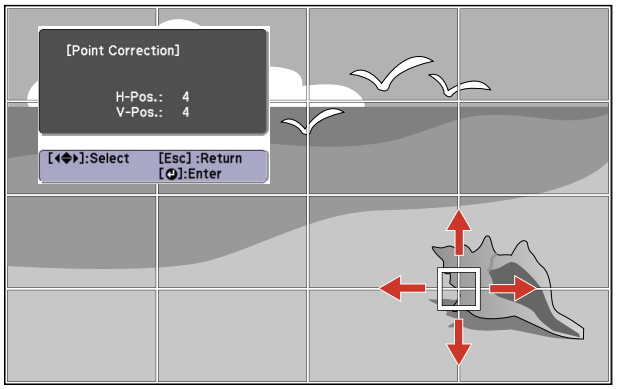


6. Select the **Point Correction** setting and press **Enter**.
7. Select the number of grid lines to display and press **Enter**.

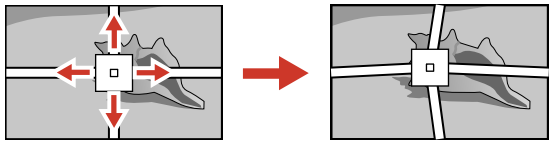
   Note: If you need to change the color of the grid lines, select the **Pattern Color** setting and select a suitable color.

8. 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 changes from a single line to a double-lined square.



9. Use the arrow buttons to correct the image shape in all necessary directions.



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

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

Parent topic: Image Shape

Related references

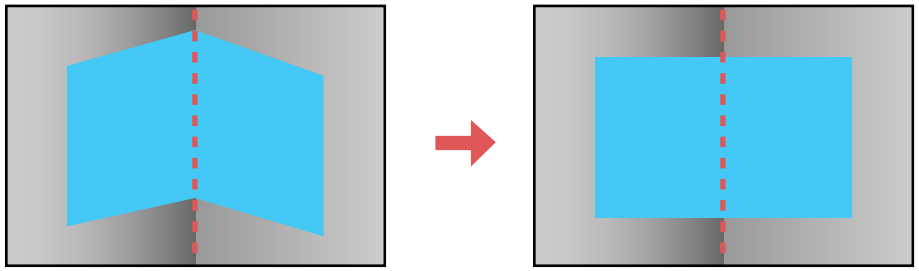
Projector Feature Settings - Settings Menu

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.



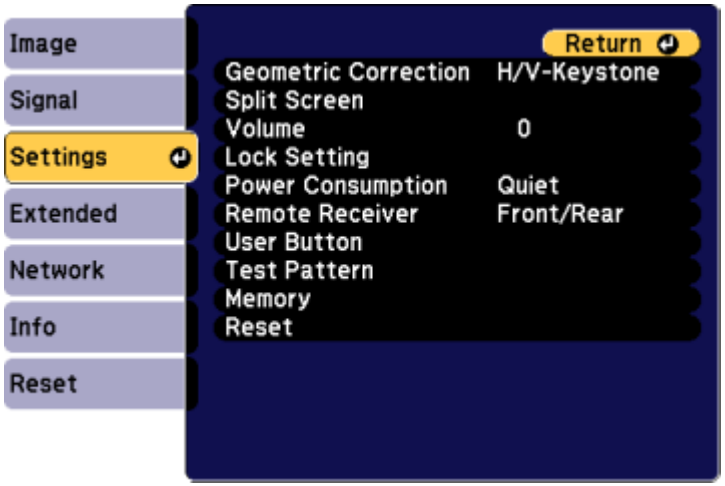
Note: For the best results, project from the front of the screen onto a right-angled surface with the lens centered horizontally using lens shift. The image may not be evenly focused throughout even after performing the steps here. If you are using the optional short throw lens (ELPLU01), you may not be able to adjust the Corner Wall setting.

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: You can also display a pattern to aid in adjusting the projected image using the **Test Pattern** button on the remote control.

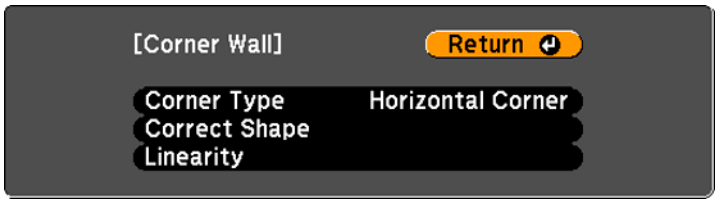
2. Press the **Menu** button.
3. Select the **Settings** menu and press **Enter**.



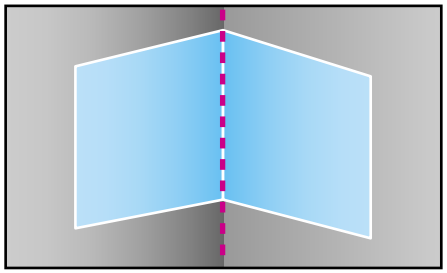
4. Select the **Geometric Correction** setting and press **Enter**.
5. Select the **Corner Wall** setting and press **Enter**.

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

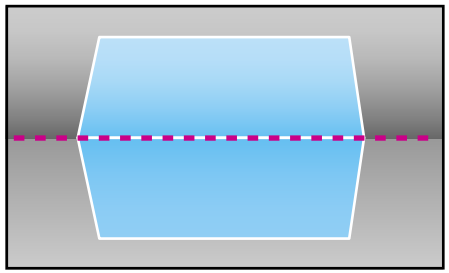
You see this screen:



6. Select the **Corner Type** setting and press **Enter**.
7. Select one of the following:
   - **Horizontal Corner** when the surfaces line up horizontally

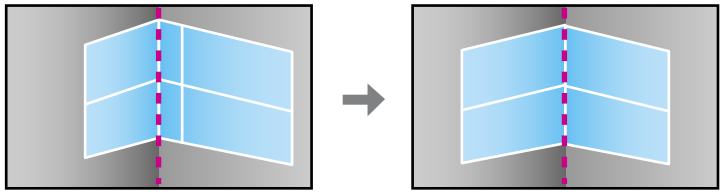


   - **Vertical Corner** when the surfaces line up vertically



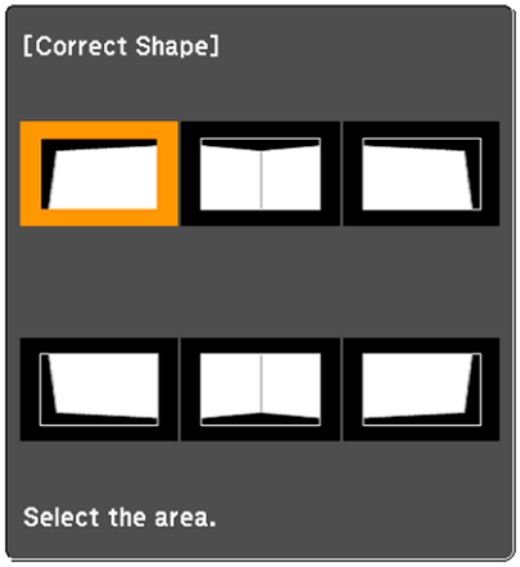
8. Press the **Esc** button to return to the Corner Wall menu screen.
9. Select the **Correct Shape** setting and press **Enter**.

10. Adjust the projector's position and use lens shift to center the image over the point where the two surfaces meet. (The rest of these steps show Horizontal Corner as the selected Corner Type but the steps are the same for Vertical Corner.)

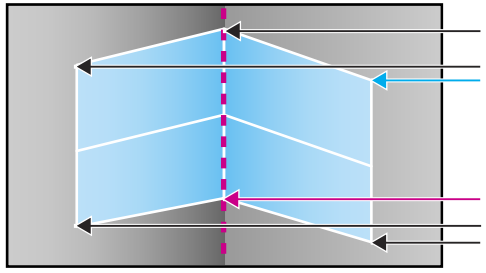


Note: You can press **Enter** to show or hide the image and grid to check the results.

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



- For horizontal corners, adjust the top area using the lowest point (indicated by the blue arrow) as your reference. Adjust the lower area using the highest point (indicated by the pink arrow) as your reference.

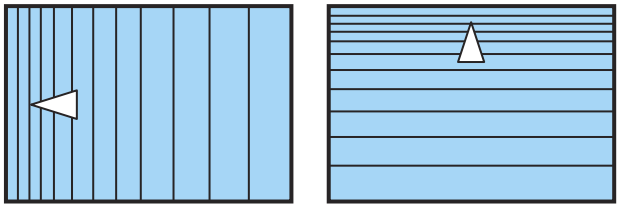


- For vertical corners, adjust the left and right areas using the points nearest the center of the image as your reference points.

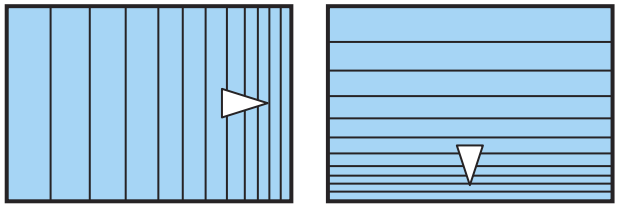
Note: To reset your adjustments, press and hold the **Esc** button for at least 2 seconds to display a reset screen. Then select **Yes**.

12. Press and hold the arrow buttons on the projector or remote control to adjust the image shape.
13. Repeat the previous two steps as necessary to adjust other image areas.

    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 screen.
15. Select the **Linearity** setting and press **Enter**.
16. Adjust the linearity by doing the following as necessary:
    - Press and hold the left arrow button to contract the distance between the lines closest to the left or top of the image.



    - Press and hold the right arrow button to contract the distance between the lines closest to the right or bottom of the image.



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

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

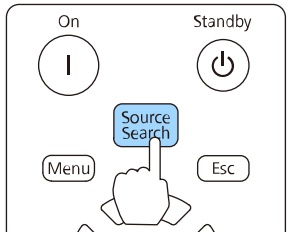
Displaying a Test Pattern

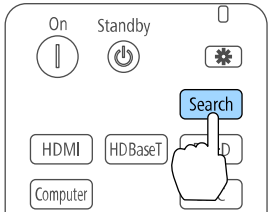
Correcting Image Shape with Point Correction

Selecting an Image Source

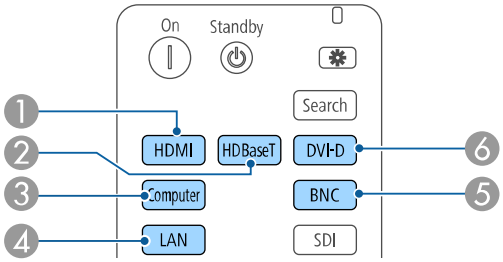
If you connected multiple image sources to the projector, such as a computer and DVD player, you may want to switch from one image source to the other.

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.



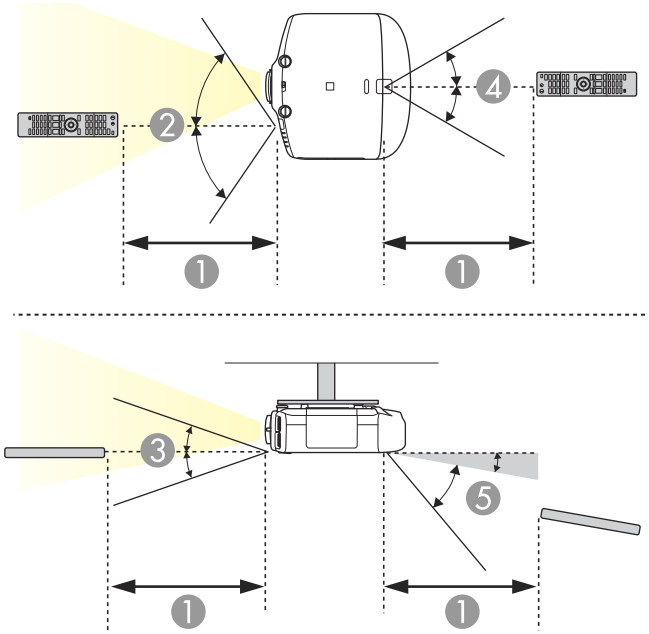
1 HDMI port source
2 HDBaseT port source
3 Computer port source
4 Network port source
5 BNC source
6 DVI-D source

Parent topic: Using Basic Projector Features

Remote Control Operation

The remote control lets you control the projector from almost anywhere in the room, up to 98.4 feet (30 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 98 feet (30 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

Projection Modes

Depending on how you positioned the projector, you may need to change the projection mode so your images project correctly.

- **Front** (default setting) lets you project from a table in front of the screen.
- **Front/Ceiling** flips the image over top-to-bottom to project upside-down from a ceiling or wall mount.
- **Rear** flips the image horizontally to project from behind a translucent screen.
- **Rear/Ceiling** flips the image over top-to-bottom and horizontally to project from the ceiling and behind a translucent screen.

Note: To view 3D images, you must project onto the front of a silver screen designed for passive 3D images.

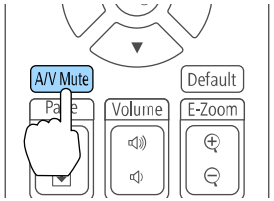
Changing the Projection Mode Using the Remote Control
Changing the Projection Mode Using the Menus

Parent topic: Using Basic Projector Features

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.



The image disappears briefly and reappears flipped top-to-bottom.

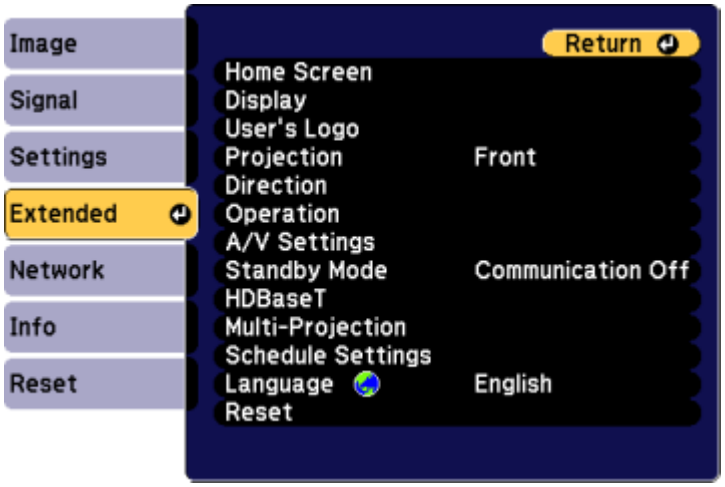
3. To change projection back to the original mode, hold down the **A/V Mute** button for five seconds again.

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

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

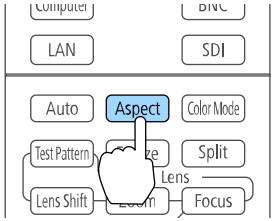
Image Quality Settings - Image Menu

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.



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 or stretched images may project in certain aspect ratios, depending on the aspect ratio and resolution of your input signal.

Screen Type setting	Available aspect ratios
4:3	Auto, Normal, 4:3, 6:9, Native*
16:9	Auto, Normal, Full, H-Zoom, V-Zoom, Native
16:10	Auto, Normal, 16:9, Full, H-Zoom, V-Zoom, Native

*Available only when projecting computer images, or from sources connected to the **HDMI** port

Aspect ratio setting	Description
Auto	Automatically sets the aspect ratio according to the input signal.
Normal	Displays images in the same aspect ratio of the input signal.
4:3	Displays images at a 4:3 aspect ratio.
16:9	Displays images at a 16:9 aspect ratio.
Full	Displays images using the full size of the projection area, but does not maintain the aspect ratio.
H-Zoom **V-Zoom**	Displays images using the full width (H-Zoom) or full height (V-Zoom) of the projection area and maintains the aspect ratio of the image. Areas that exceed the edges of the projected screen are not projected.
Native	Displays images as is (aspect ratio and resolution are maintained). Areas that exceed the edges of the projected screen are not projected.

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

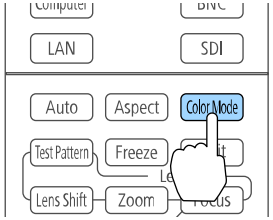
Image Quality Settings - Image Menu

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:

Color Mode	Description
Dynamic	Best for projecting in a bright room

Color Mode	Description
Presentation	Best for color presentations in a bright room
Cinema	Best for movies projected in a dark room
sRGB	Best for standard sRGB computer displays
DICOM SIM*	Best for projecting X-ray photographs and other medical images
Multi-Projection	Best for projecting from multiple projectors (reduces the color tone difference between images)

* Available only when inputting RGB signals

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

Parent topic: Color Mode

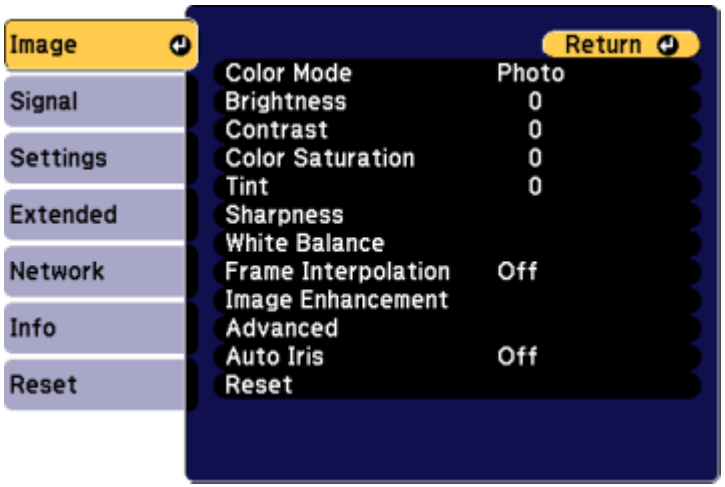
Turning On Auto Iris

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.

Note: Auto Iris is disabled if you turn on**Edge Blending**.

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**.



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

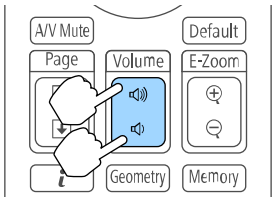
Controlling the Volume with the Volume Buttons

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 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 **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.

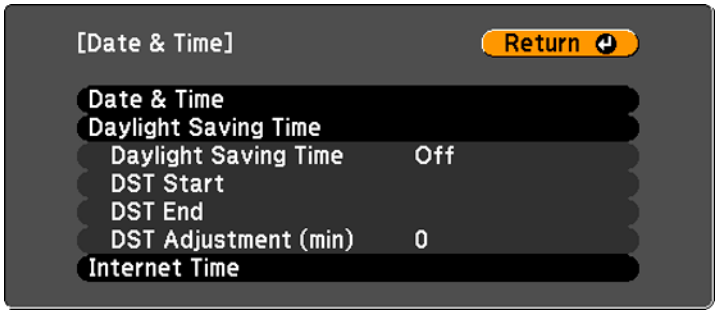
Parent topic: Using Basic Projector Features

Setting the Date and Time

You can set the date and time for the projector.

1. Press the **Menu** button.
2. Select the **Extended** menu and press **Enter**.
3. Select the **Operation** setting and press **Enter**.
4. Select the **Date & Time** setting and press **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 the **Menu** button to exit.

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
Enabling Protocol Emulation
Viewing 3D Images
Saving Settings to Memory and Using Saved Settings
Saving a Scheduled Event
Copying Menu Settings Between Projectors

Shutting Off the Picture and Sound Temporarily

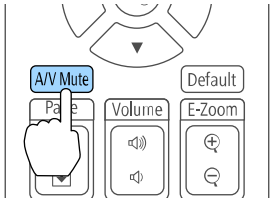
You can temporarily turn off the projected picture and sound if you want to redirect your audience's attention during a presentation. Any sound or video action continues to run, however, so you cannot resume projection at the point that you stopped it.

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.

Note: If the picture and sound are off for more than 30 minutes, the power automatically turns off. You can adjust this setting using the projector's menu system.

Note: The lamp is still lit while using A/V Mute and the lamp hours will continue to accumulate.

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



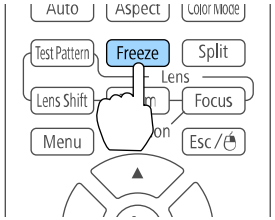
2. To turn the picture and sound back on, press **A/V Mute** again.

Parent topic: Adjusting Projector Features

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.

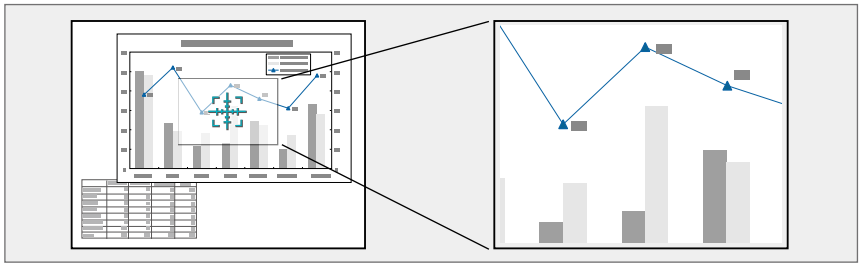


2. To restart the video action in progress, press **Freeze** again.

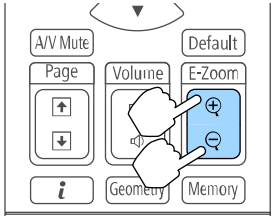
Parent topic: Adjusting Projector Features

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.
   - To pan around the zoomed image area, use the arrow buttons.
   - To zoom out of the image, press the **E-Zoom –** button as necessary.
   - To return to the original image size, press **Esc**.

Parent topic: Adjusting Projector Features

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 or remote control.
- Security cabling to physically cable the projector in place.

Password Security Types
Locking the Projector's Buttons
Installing a Security Cable

Parent topic: Adjusting Projector Features

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.
- **Schedule Protection** password prevents anyone from changing the projector's time or schedule settings.

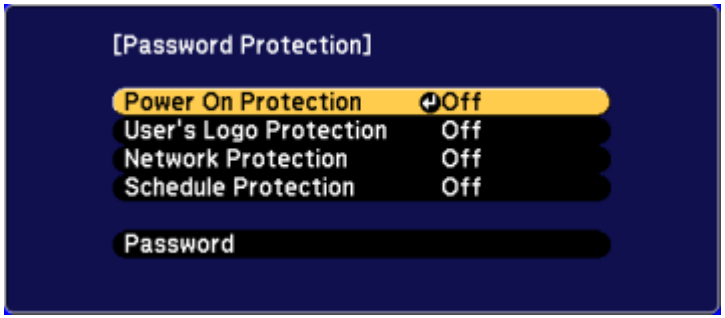
Setting a Password
Selecting Password Security Types
Entering a Password to Use the Projector
Saving a User's Logo Image to Display

Parent topic: Projector Security Features

Setting a Password

To use password security, you must set a password.

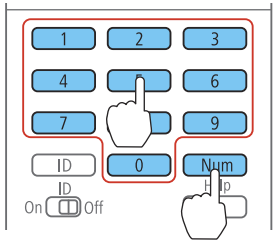
1. Hold down the **Freeze** button on the remote control for about five seconds or until you see this menu.



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. Press and hold down the **Num** button on the remote control and use the numeric buttons to set a four-digit password.



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

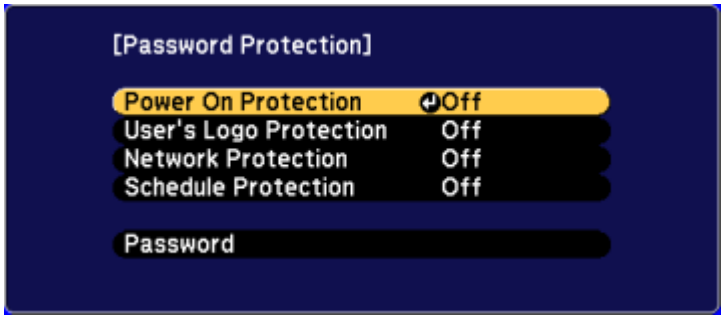
5. Enter the password again.

   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 about five seconds or until the menu appears.

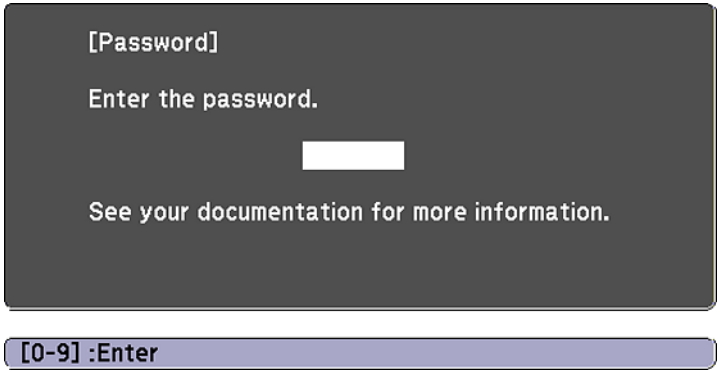
1. To prevent unauthorized use of the projector, select **Power On Protection**, press **Enter**, select **On**, press **Enter** again, and press **Esc**.
2. To prevent changes to the User's Logo screen or related display settings, select **User's Logo Protection**, press **Enter**, select **On**, press **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 **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

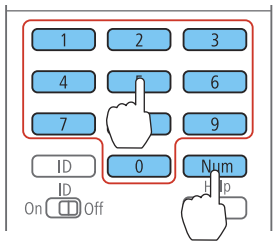
Entering a Password to Use the Projector

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. Press and hold down the **Num** button on the remote control while you enter the password using the numeric buttons.



Note: The default password is **0000**.

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. Do not attempt to enter the password again. 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

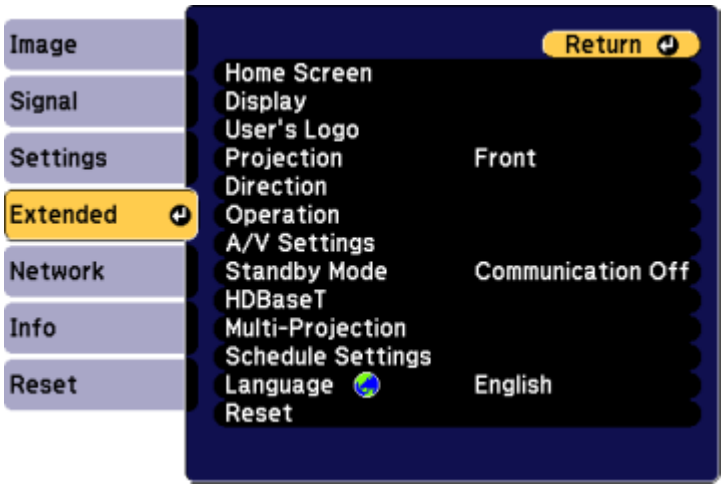
Saving a User's Logo Image to Display

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**.



3. Select the **User's Logo** setting and press **Enter**.

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

4. Select **Yes** and press **Enter**.

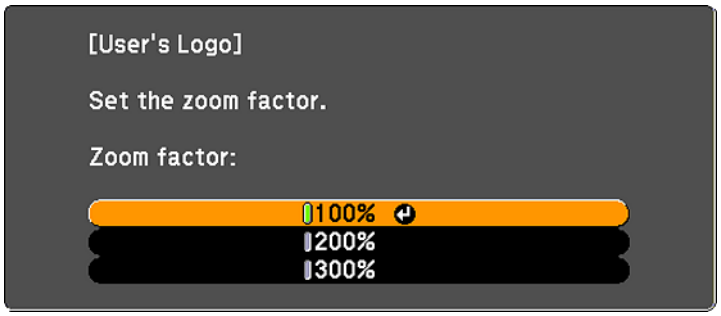
   You see a selection box overlaying your image.

5. Use the arrow buttons on the remote control or control panel 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.

6. 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**.

   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.

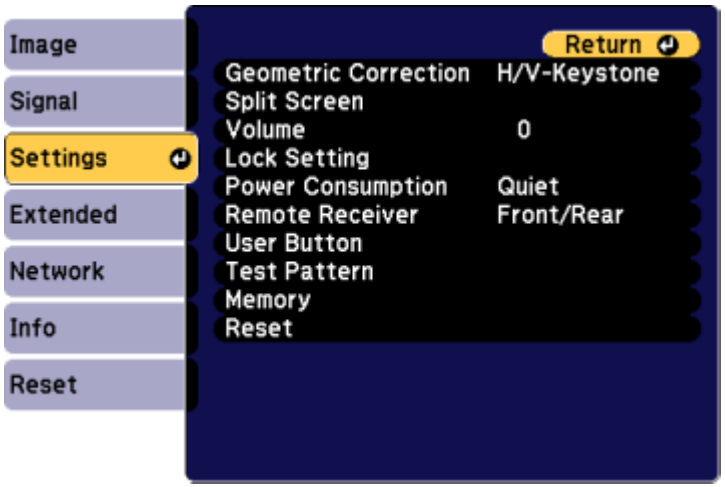
Parent topic: Password Security Types

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 **Lock Setting** and press **Enter**.
4. Select the **Control Panel Lock** setting and press **Enter**.
5. 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.
6. Select **Yes** and press **Enter**.

Unlocking the Projector's Buttons

Parent topic: Projector Security Features

Related references

Projector Parts - Control Panel

Unlocking the Projector's Buttons

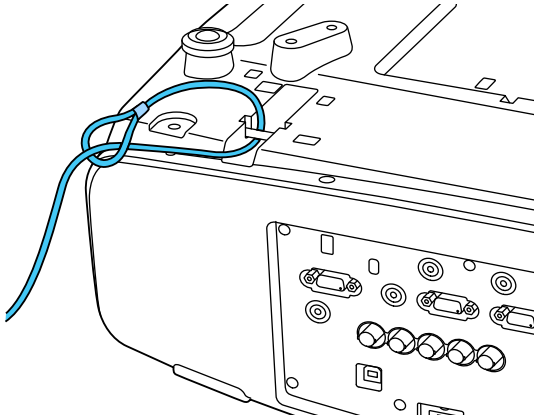
If the projector's buttons have been locked, hold the **Enter** button on the projector's control panel for seven seconds to unlock them.

Parent topic: Locking the Projector's Buttons

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 lock. See your local computer or electronics dealer for purchase information.
- Use the security cable attachment point on the projector to attach a wire cable and secure it to a room fixture or heavy furniture.



Note: Do not pass drop-prevention cables through the security cable attachment point when mounting the projector on a wall or ceiling.

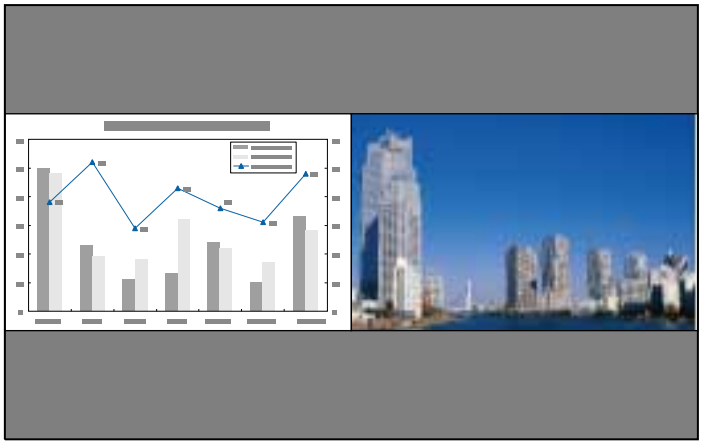
Parent topic: Projector Security Features

Related references

Projector Parts - Rear

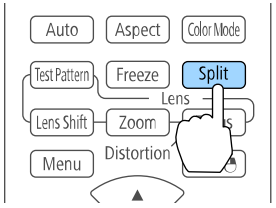
Projecting Two Images Simultaneously

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.

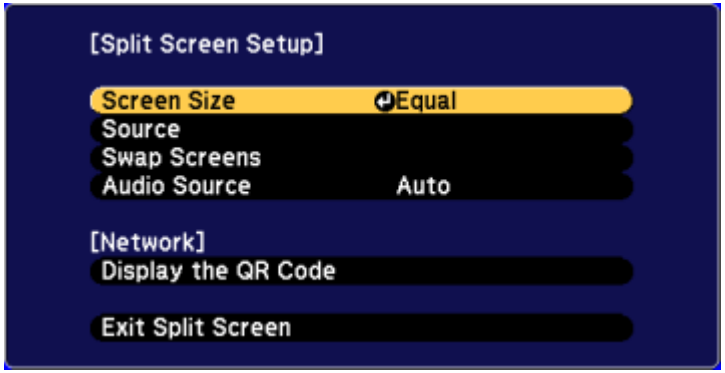
1. Press the **Split** button on the remote control.



   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.

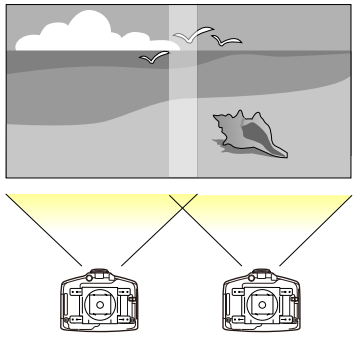
7. To exit the split screen feature, press the **Split** or **Esc** button.

Parent topic: Adjusting Projector Features

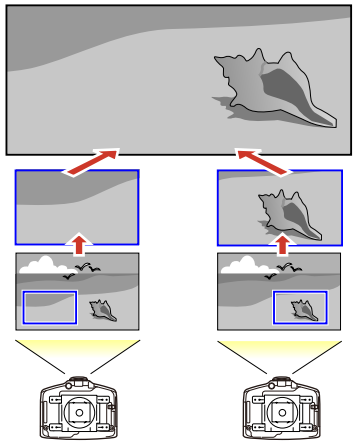
Using Multiple Projectors

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

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



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



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
Adjusting the Color Tone (Color Uniformity)
Adjusting the Color Convergence (Panel Alignment)
Configuring Tiling

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** setting and press **Enter**.

4. Select **Projector ID** and press **Enter**.



5. Press the left or right arrow buttons on the remote control to select the identification number you want to use for the projector. Then select **Set** and press **Enter**.

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

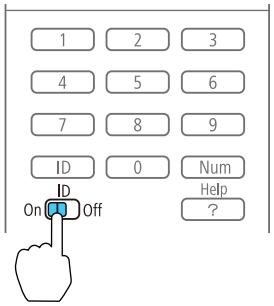
Note: If you don't know the projector's ID, hold down the **ID** button and press the **Home** button to temporarily display the projector's ID on the screen.

Parent topic: Projector Identification System for Multiple Projector Control

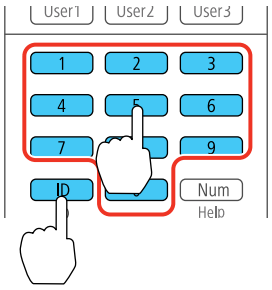
Setting the Remote Control ID

The remote control's ID is set to **0** 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**.



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.



Note: If you don't know the projector's ID, hold down the **ID** button and press the **Home** 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.

Note: You can also display a pattern to aid in adjusting the projected image using the **Test Pattern** button on the remote control.

1. Adjust the projector's physical position and angle to the screen.
2. Use the projector's lens shift and zoom features.

   Note: Wait 20 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

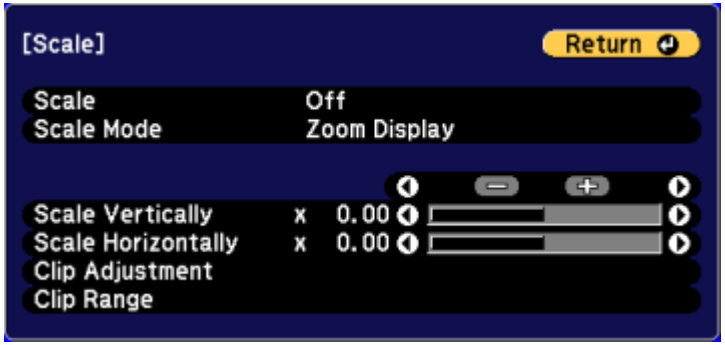
Displaying a Test Pattern
Adjusting the Image Position Using Lens Shift
Adjusting the Image Position Using Screen Position
Correcting Image Shape with Quick Corner
Correcting Image Shape with Point Correction

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:



4. Select the **Scale** setting and select **Manual**.
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

- **Full Display**: Adjusts the image to the projector's screen size 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 the **Menu** button.

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.

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

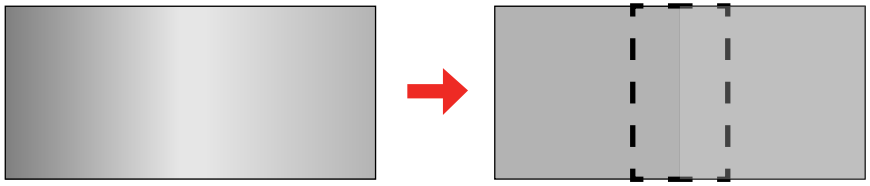
Color Mode

Related references

Projector Feature Settings - Settings Menu

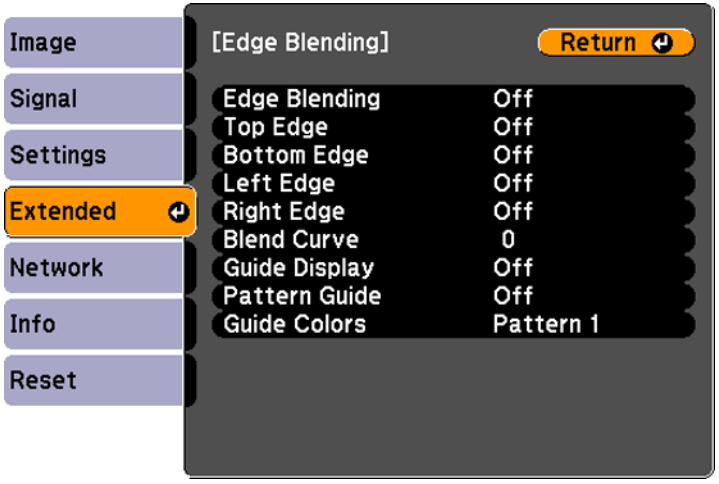
Blending the Image Edges

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:



5. Turn on the **Edge Blending**, **Guide Display**, and **Pattern Guide** settings.

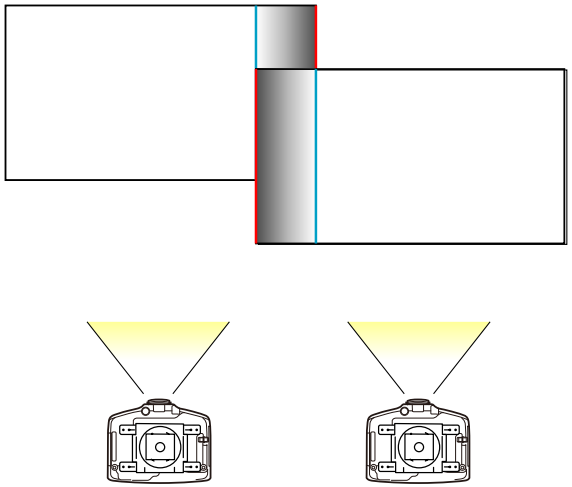
   Note: If the projected guide is unclear, try changing the **Guide Colors** setting.

6. Select the edge you want to blend and press **Enter**.

   You see a screen like this:



7. Select the **Blending** setting and select **On**.
8. Select the **Blend Start Position** setting and adjust the point where edge blending begins.
9. Select the **Blend Range** setting and select the width of the blended area so that the displayed guides are at the edges of the overlapping area between the two images.



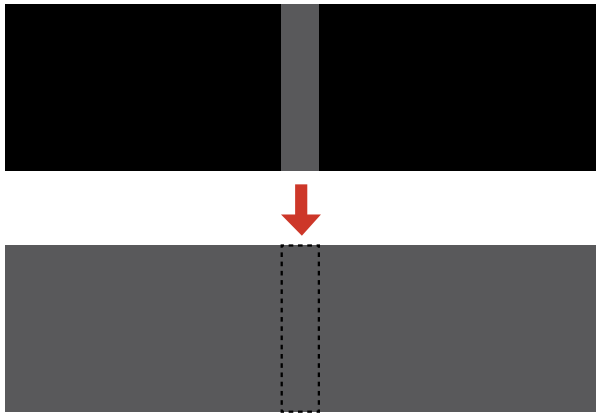
10. Press **Esc** to go back to the previous screen.
11. Select the **Blend Curve** setting and select a gradient for the shaded area.

12. When the edges are blended, turn off the **Guide Display** and **Pattern Guide** settings to check the final settings.
13. 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 appear differently from the areas that do not overlap. You can use the projector's Black Level setting to make the difference less noticeable.



Note: You cannot adjust the black level when a test pattern is 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 **Black Level** setting and press **Enter**.

   You see this screen:
5. Select the **Color Adjustment** setting and press **Enter**.
6. Select the area you want to adjust and press **Enter**.

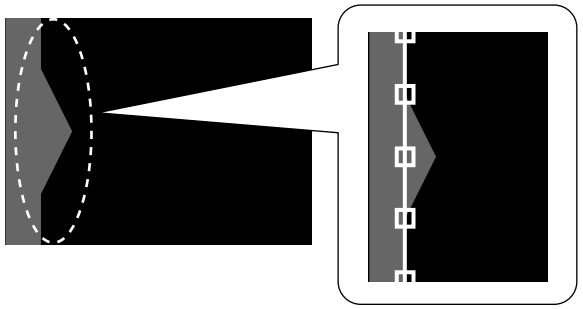
Note: When multiple screens overlap, start your adjustments on the area with the most overlap (the brightest area).

You see this screen:



7. Adjust the brightness and tone of the areas that do not overlap to match the areas that overlap using the displayed adjustment sliders. Repeat this step on any overlapping areas.
8. Press the **Esc** button to return to the Black Level menu screen.
9. Select the **Area Correction** setting and press **Enter**.
10. Select the **Start Adjustments** setting and press **Enter**.

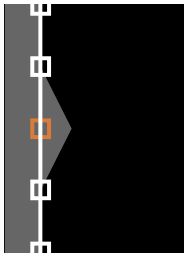
    You see a screen like this displaying the points you can use to set the range for black level:



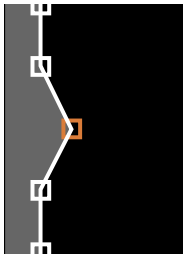
    Note: The points displayed differ depending on the **Edge Blending** and **Point Correction** settings.

11. Use the arrow buttons to select an adjustment point and press the **Enter** button.

The selected point turns orange.



12. Use the arrow buttons to move the point to the edge of the adjustment area.



13. To move another point, press the **Esc** button and repeat the previous two steps.
14. When you are finished, press the **Esc** button twice.
15. When you see the confirmation message, select **Yes** to return to the Black Level menu screen.
16. When you are finished, press the **Menu** button.

Note: Changing any of the **Edge Blending** settings resets the **Black Level** setting to its default value.

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** 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 **Color Matching** setting and press **Enter**.

   You see this screen:



   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 **Color Matching** setting on the second projector and set the **Adjustment Level** setting to **1**.
8. Adjust the color tone settings for **Red**, **Green**, and **Blue** on both projectors in the same way.
9. Adjust the **Brightness** 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.)
10. Change the **Adjustment Level** setting to **5** on each projector, but this time match the lighter display to the darker one.
11. Adjust the **Brightness** setting on **Adjustment Level 2**, **3**, and **4** 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

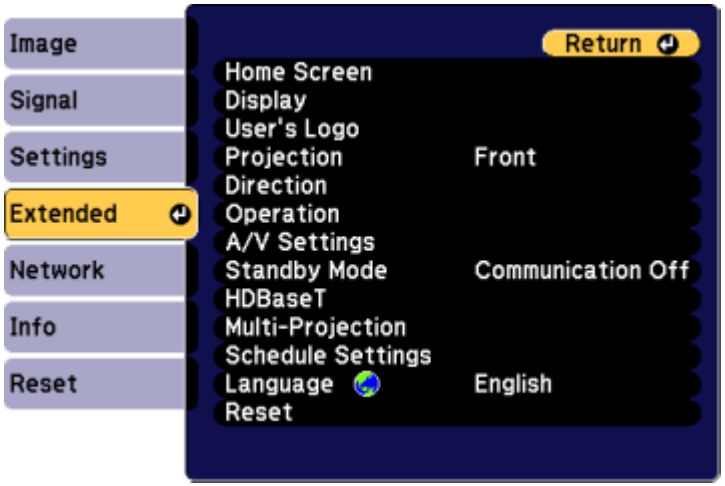
Related concepts

Color Mode

Adjusting the Color Tone (Color Uniformity)

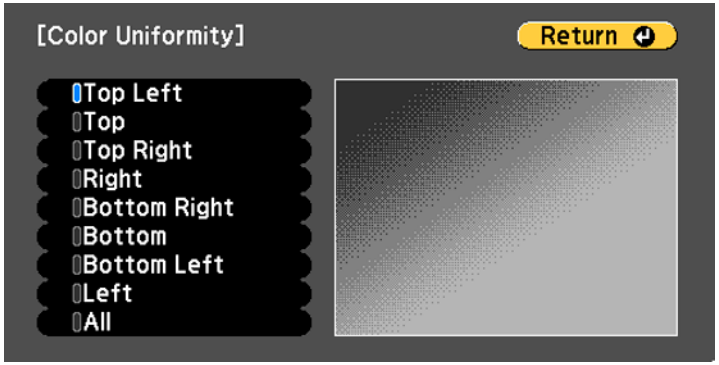
You can use the Color Uniformity feature to manually adjust the color tone balance in the projected image.

1. Press the **Menu** button.
2. Select the **Extended** menu and press **Enter**.



3. Select the **Display** setting and press **Enter**.
4. Select the **Color Uniformity** setting and press **Enter**.
5. Press **Enter** and select **On**.
6. Press **Esc**.
7. Select the **Adjustment Level** setting and press **Enter**.
8. Press the right and left arrow buttons to adjust the level, then press **Esc**.

9. Select the **Start Adjustments** setting and press **Enter**.



10. Select the area of the screen that you want to adjust and press **Enter**.
11. Select the color (**Red**, **Green**, or **Blue**) you want to adjust, and use the left arrow button to weaken the color tone and the right arrow button to strengthen the color tone.
12. Press **Esc**.
13. Repeat steps 10 and 11 for each area you want to adjust.
14. When you are finished, press the **Menu** button.

Parent topic: Using Multiple Projectors

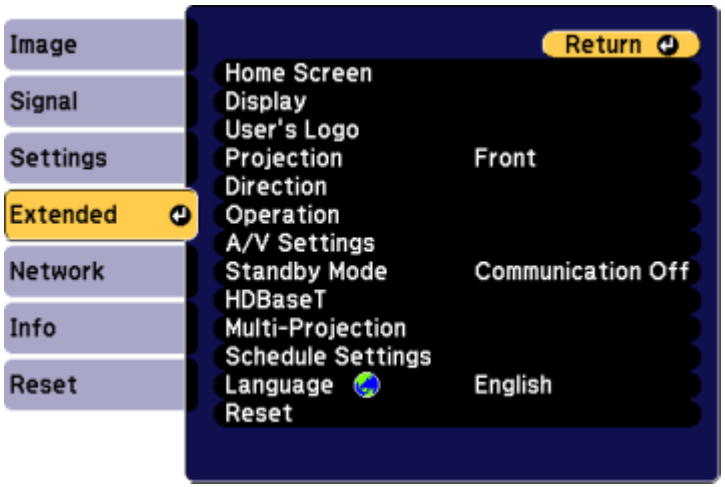
Adjusting the Color Convergence (Panel Alignment)

You can use the Panel Alignment feature to manually adjust the color convergence (the alignment of the red, green and blue colors) in the projected image.

Note: Allow your projector to warm up for at least 10 to 15 minutes and make sure the image is in focus before you use the Panel Alignment feature. The projected image size should be at least 60 inches (152 cm) diagonally and the projection surface should not be colored or textured; otherwise the adjustment grids are difficult to align.

1. Press the **Menu** button.

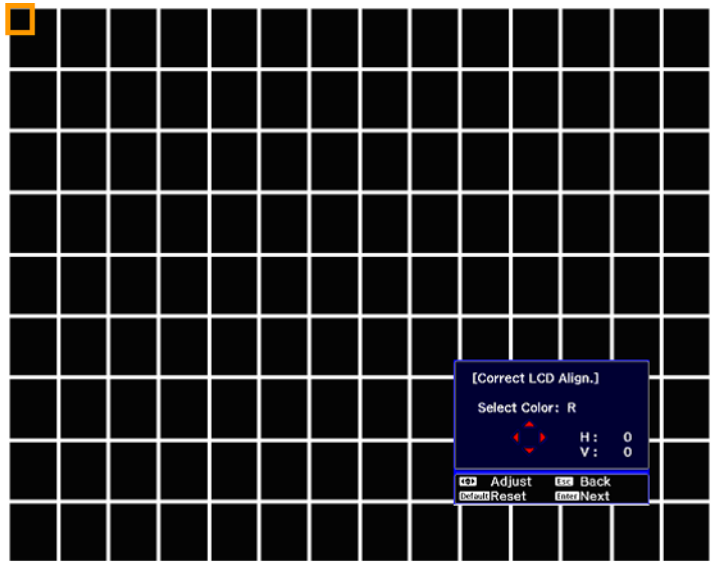
2. Select the **Extended** menu and press **Enter**.



3. Select the **Display** setting and press **Enter**.
4. Select the **Panel Alignment** setting and press **Enter**.
5. Press **Enter** and select **On**.
6. Press **Esc**.
7. Select the **Select Color** setting and choose one of the following:
   - **R** to adjust the red color convergence
   - **B** to adjust the blue color convergence

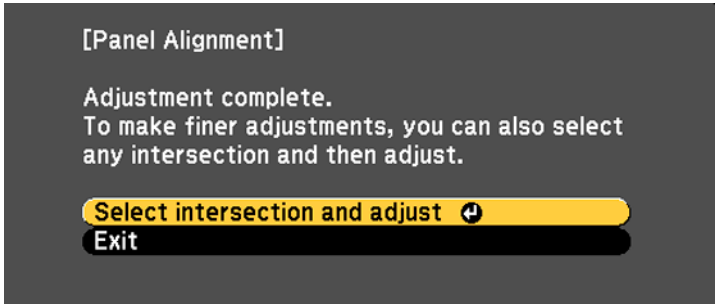
   Note: You can adjust only the red or blue color convergence; you cannot adjust the standard green color panel.
8. Select the **Pattern Color** setting and press **Enter**.
9. Select the pattern you want to use and press **Esc**.
10. Select **Start Adjustments** and press **Enter** twice.

You see this screen:



11. Use the arrow buttons on the remote control to adjust the color alignment in the corner of the screen highlighted by the orange box.
12. Press the **Enter** button to move to the next corner of the screen.
13. When you are finished adjusting each corner of the screen, press **Enter**.

    You see this screen:

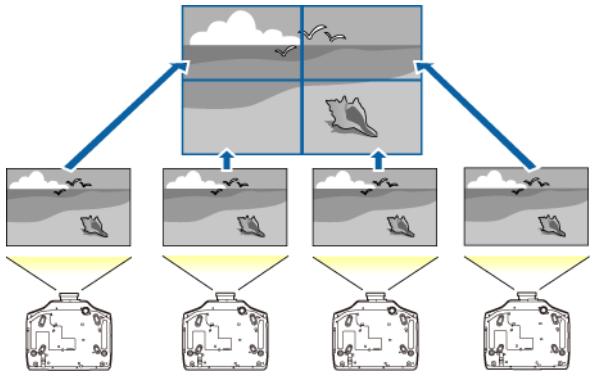


14. Do one of the following:
    - If your projector's panel alignment is now correct, select **Exit** and press **Enter** to return to the Panel Alignment menu.
    - If your projector needs additional panel alignment, select **Select intersection and adjust** and press **Enter**. Use the arrow keys on the remote control to highlight the corner of any box on the screen that is misaligned and press **Enter** to adjust the color convergence. Repeat this step as necessary.

Parent topic: Using Multiple Projectors

Configuring Tiling

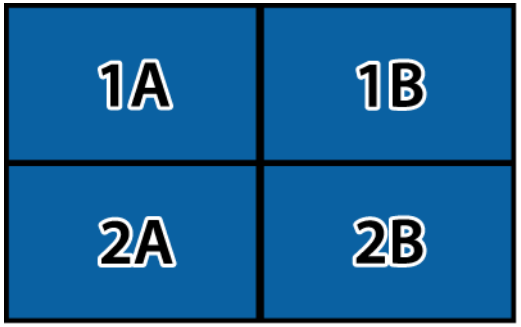
You can project the same image from multiple projectors to create one large image. You can use to up to nine projectors.



1. Set an ID for each projector and adjust the position of the projected images.
2. Adjust overlapping areas of the screen using **Edge Blending**.
3. Select the **Extended** menu and press **Enter**.
4. Select the **Multi-Projection** menu and press **Enter**.
5. Select the **Tiling** menu and press **Enter**.
6. Select the **Layout** menu and press **Enter**.
7. Set the number of projectors in the **Row** and **Column** settings, select **Set**, and press **Enter**.
8. Adjust the **Edge Blending** and **Layout** settings for each projector used for tiling.

9. Select the **Location Setup** menu and press **Enter**.
10. Set the position of each projected image in **Row Order** and **Column Order**.
    Row Order: Layout the screens from top to bottom in sequential order, starting with **1** at the top.

    Column Order: Layout the screens from left to right, starting with **A** on the left.



11. Choose the input signal and project the image.
12. Select **Extended** > **Multi-Projection** > **Scale**, select **Auto**, and press **Enter**.

    The scale and clip range are automatically set according to the blending width.
13. Fine tune any of the overlapping areas of the screens using **Edge Blending** or any of the other distortion correcting tools.

Parent topic: Using Multiple Projectors

Enabling Protocol Emulation

You can use protocol emulation to control your projector with the same RS-232 control codes as those used by the manufacturers of other projectors. This lets you control a group of projectors from a common controller.

1. Make sure the projector is turned on.
2. Connect a controller to the RS-232C port on the projector.
3. Do one of the following:
   - Press and hold the **Test Pattern** button on the remote control for at least five seconds.
   - Select the **Extended** menu, highlight the **Standby Mode** setting, and hold down the right arrow button on the remote control or projector control panel for at least five seconds.

You see the Protocol Emulation screen.

4. Select one of the following and press **Enter**:
   - **Type P** for Panasonic projectors
   - **Type M** for Mitsubishi projectors
   - **Type N** for NEC projectors
   - **Type S** for Sony projectors
5. Turn the projector off and on again to enable the control code you selected.

Parent topic: Adjusting Projector Features

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 references

Optional Equipment and Replacement Parts

Input Signal Settings - Signal Menu

Saving Settings to Memory and Using Saved Settings

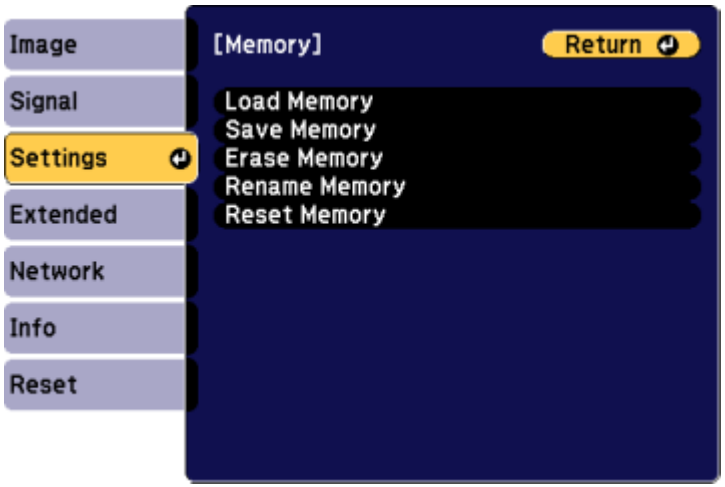
You can save customized settings for each of your video inputs and then select the saved settings whenever you want to use them.

1. Turn on the projector and display an image.
2. Press the **Menu** button.

   Note: You can also press the **Memory** button on the remote control to access the Memory menu directly.

3. Select the **Settings** menu and press **Enter**.
4. Select the **Memory** setting and press **Enter**.
5. Select the **Memory** setting and press **Enter**.

You see this screen:



6. 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 has already been used is indicated by a blue 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
   - **Reset Memory**: Delete all saved memory
7. Press **Esc** to exit.

Parent topic: Adjusting Projector Features

Saving a Scheduled Event

You can select projector commands you want to perform and schedule them as 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 steps as necessary.
10. Select **Setup complete** and select **Yes** to save your changes.

Viewing Scheduled Events
Editing a Scheduled Event

Parent topic: Adjusting Projector Features

Viewing Scheduled Events

You can view any currently scheduled events.

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

   You see a screen like this:



The colored boxes in the calendar indicate the following about the scheduled events:

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

Parent topic: Saving a Scheduled Event

Editing a Scheduled Event

You can edit any currently scheduled event.

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

   You see a screen like this:



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, and press **Esc**.
6. Select one of the following:
   - **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

Copying Menu Settings Between Projectors

After you select menu settings for your projector, you can transfer them to another projector of the same model.

Note: Copy the projector's settings before you adjust the projected image using the projector's Geometric Correction settings. Any saved User's Logo setting on the projector will transfer to the other projector.

Caution: If the copy process fails due to a power failure, communication error, or for any other reason, Epson will not be responsible for any repair costs incurred.

The following settings will not transfer between projectors:

- Info menu items
- Network menu settings other than those in the Mail and Others menus

Note: In addition to the methods covered this section, you can also copy and transfer settings to multiple projectors over a network using the EasyMP Network Updater software. See the *EasyMP Network Updater Operation Guide* for instructions. You can download the latest software and documentation from the Epson web site.

Saving Settings to a USB Flash Drive
Transferring Settings From a USB Flash Drive
Saving Settings to a Computer
Transferring Settings From a Computer

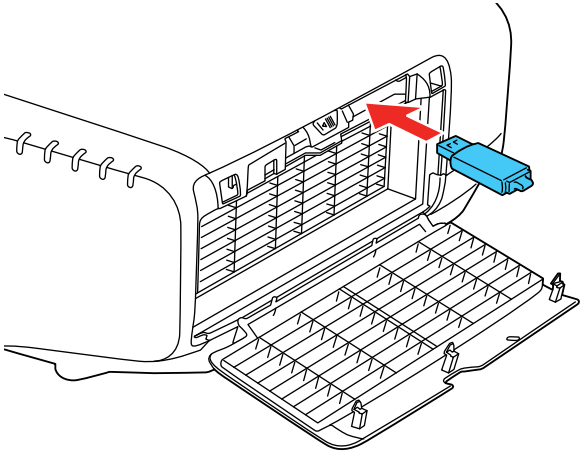
Parent topic: Adjusting Projector Features

Saving Settings to a USB Flash Drive

You can save the projector settings you want to transfer to a USB flash drive.

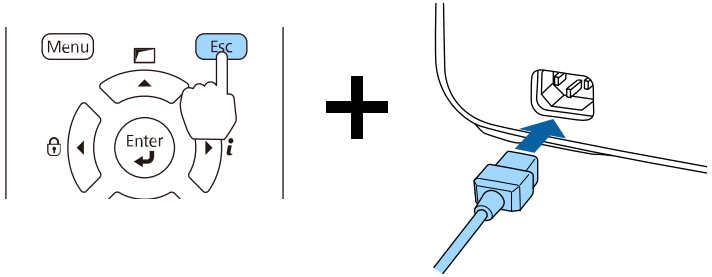
Note: Use an empty flash drive. If the drive contains other files, the transfer may not complete correctly.

1. Turn off the projector and unplug the power cord from the projector's power inlet.
2. Insert the flash drive into the wireless LAN module port.



Note: Connect the flash drive directly to the projector. Do not use a hub or your settings may not be saved correctly.

3. Press and hold the **Esc** button on the control panel or remote control as you connect the power cord to the projector's power inlet.



4. When the power and Status lights are blue and the Lamp and Temp lights are orange, release the **Esc** button.

   The lights flash to indicate that settings are transferring to the flash drive. When the lights stop flashing, the power light turns blue and the projector enters standby mode.

   Caution: Do not unplug the power cord or remove the flash drive while the lights are flashing. This could damage the projector.

5. Once the projector enters standby mode, remove the flash drive.

Parent topic: Copying Menu Settings Between Projectors

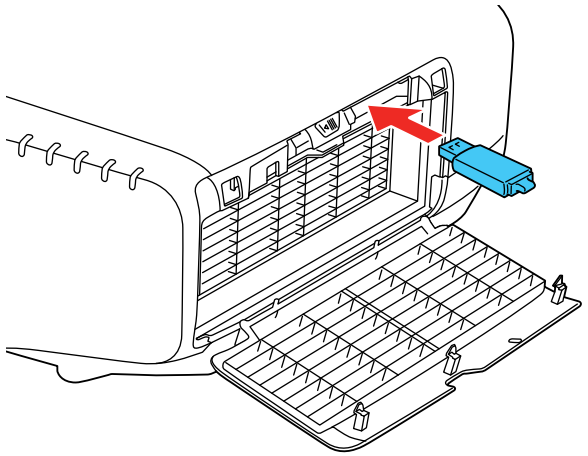
Transferring Settings From a USB Flash Drive

After saving projector settings to a USB flash drive, you can transfer them to another projector of the same model.

Note: Make sure the USB flash drive contains only a single settings transfer from another projector of the same model. The settings are contained in a file called **pjconfdata.bin**. If the drive contains other files, the transfer may not complete correctly.

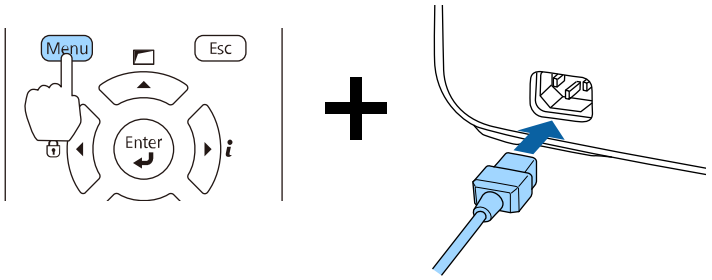
Do not adjust image settings on a projector until after you transfer settings to it. Otherwise, you may have to repeat your adjustments.

1. Turn off the projector and unplug the power cord from the projector's power inlet.
2. Insert the flash drive into the wireless LAN module port.



Note: Connect the flash drive directly to the projector. Do not use a hub or your settings may not be saved correctly.

3. Press and hold the **Menu** button on the control panel or remote control as you connect the power cord to the projector's power inlet.



4. When the power and Status lights turn blue and the Lamp and Temp lights turn orange, release the **Menu** button.

   The lights flash to indicate that settings are transferring to the projector. When the lights stop flashing, the power light turns blue and the projector enters standby mode.

   Caution: Do not unplug the power cord or remove the flash drive while the lights are flashing. This could damage the projector.

5. Once the projector enters standby mode, remove the flash drive.

Parent topic: Copying Menu Settings Between Projectors

Saving Settings to a Computer

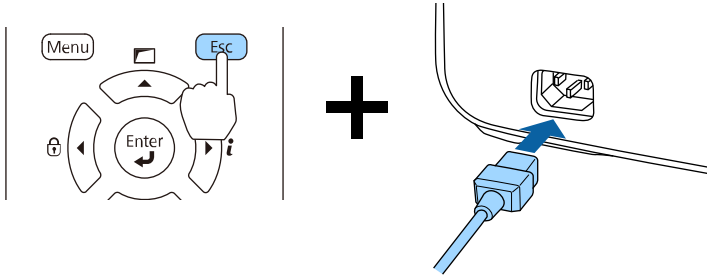
You can save the projector settings you want to transfer to a computer.

Your computer must be running one of the following operating systems:

- Windows Vista
- Windows 7
- Windows 8.x
- Windows 10
- OS X 10.5.8

- OS X 10.6.x
- OS X 10.7.x
- OS X 10.8.x
- OS X 10.9.x
- OS X 10.10.x
- OS X 10.11.x

1. Turn off the projector and unplug the power cord from the projector's power inlet.
2. Connect a USB cable to your projector's **Service** port.
3. Connect the other end to any available USB port on your computer.
4. Press and hold the **Esc** button on the control panel or remote control as you connect the power cord to the projector's power inlet.



5. When the power and Status lights turn blue and the Lamp and Temp lights turn orange, release the **Menu** button.

   The projector shows up as a removable disk on your computer.
6. Open the removable disk and copy the **pjconfdata.bin** file to your computer.
7. Once the file has copied, do one of the following:
   - **Windows:** Open the **My Computer**, **Computer**, or **Windows Explorer** utility. Right-click the name of your projector (listed as a removable disk) and select **Eject**.
   - **OS X:** Drag the removable disk icon for your projector from the desktop into the trash.

   The projector enters standby mode.

Parent topic: Copying Menu Settings Between Projectors

Transferring Settings From a Computer

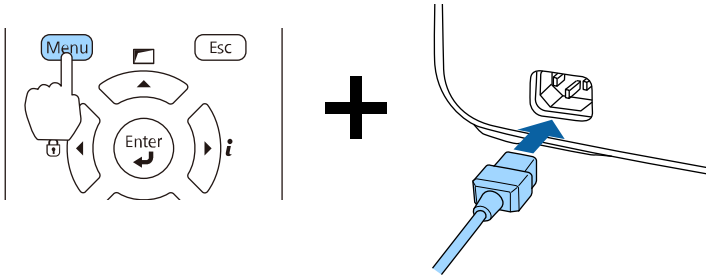
After saving projector settings to a computer, you can transfer them to another projector of the same model.

Your computer must be running one of the following operating systems:

- Windows Vista
- Windows 7
- Windows 8.x
- Windows 10
- OS X 10.5.8
- OS X 10.6.x
- OS X 10.7.x
- OS X 10.8.x
- OS X 10.9.x
- OS X 10.10.x
- OS X 10.11.x

Do not adjust image settings on a projector until after you transfer settings to it. Otherwise, you may have to repeat your adjustments.

1. Turn off the projector and unplug the power cord from the projector's power inlet.
2. Connect a USB cable to your projector's **Service** port.
3. Connect the other end to any available USB port on your computer.
4. Press and hold the **Menu** button on the control panel or remote control as you connect the power cord to the projector's power inlet.



5. When the power and Status lights turn blue and the Lamp and Temp lamps turn orange, release the **Menu** button.

   The projector shows up as a removable disk on your computer.

6. Copy the **pjconfdata.bin** file from your computer to the removable disk.

   Note: Do not copy any other files to the removable disk.

7. Once the file has copied, do one of the following:
   - **Windows:** Open the **My Computer**, **Computer**, or **Windows Explorer** utility. Right-click the name of your projector (listed as a removable disk) and select **Eject**.
   - **OS X:** Drag the removable disk icon for your projector from the desktop into the trash.

   The power, Status, Lamp, and Temp lights start flashing to indicate that the projector's settings are being updated. When the lights stop flashing, the power light turns blue and the projector enters standby mode.

   Caution: Do not unplug the power cord while the lights are flashing. This could damage the projector.

Parent topic: Copying Menu Settings Between Projectors

Adjusting the Menu Settings

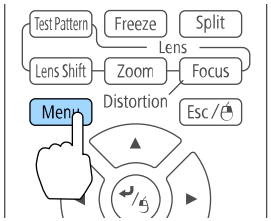
Follow the instructions in these sections to access the projector menu system and change projector settings.

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

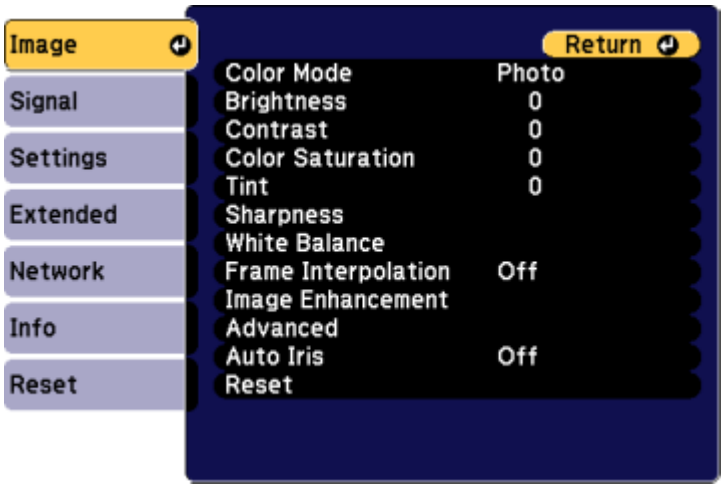
Using the Projector's Menus

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 button to move through the menus listed on the left. The settings for each menu are displayed on the right.

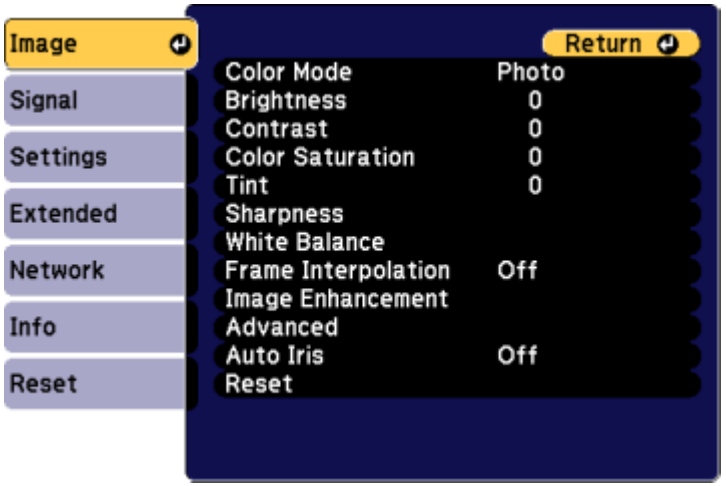
   Note: The available settings depend on the current input source.

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

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.

Setting	Options	Description
Color Mode	See the list of available Color Modes	Adjusts the vividness of image colors for various image types and environments
Brightness	Varying levels available	Lightens or darkens the overall image
Contrast	Varying levels available	Adjusts the difference between light and dark areas of the image
Color Saturation	Varying levels available	Adjusts the intensity of the image colors
Tint	Varying levels available	Adjusts the balance of green to magenta tones in the image

Setting	Options	Description
Sharpness	Varying levels available	Adjusts the sharpness or softness of image details
White Balance	Varying levels available	Sets the color tone based on color temperature
Frame Interpolation	**Off** **Low** **Normal** **High**	Smooths fast moving video by comparing consecutive frames and inserting an intermediate frame between them
Image Enhancement	**4K Enhancement** **Image Preset Mode** **Noise Reduction** **MPEG Noise Reduction** **Super-resolution** **Detail enhancement**	**4K Enhancement**: lets you project at double the resolution **Image Preset Mode**: lets you apply one of five preset modes **Noise Reduction**: lets you smooth the roughness in progressive images **MPEG Noise Reduction**: lets you reduce dot and block noise present when projecting MPEG movies **Super-resolution**: lets you reduce edge blurring present when projecting an up-scaled image **Detail enhancement**: lets you adjust detail contrast
Advanced	Various options available	Adjusts the gamma levels and intensity of individual hues in the image
Auto Iris	**Off** **Normal** **High Speed**	Adjusts the projected luminance based on the image brightness when certain Color Modes are selected

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

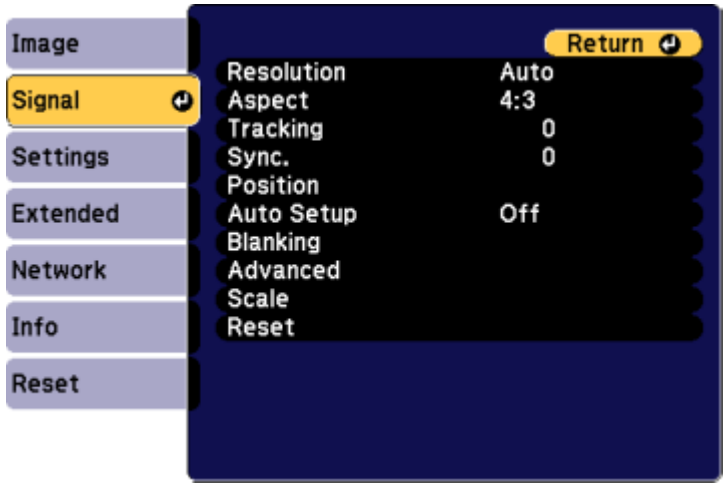
Parent topic: Adjusting the Menu Settings

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.

Setting	Options	Description
Resolution	**Auto** **Normal** **Wide** **Manual**	Sets the input signal resolution from an analog RGB computer connection **Auto**: detects the resolution automatically **Normal**: for 4:3 or 5:4 screens **Wide**: for widescreen **Manual**: allows you to specify a resolution
Aspect	See the list of available aspect ratios	Sets the aspect ratio (width-to-height ratio) for the selected input source
Tracking	Varying levels available	Adjusts signal to eliminate vertical stripes in images from an analog RGB computer connection
Sync.	Varying levels available	Adjusts signal to eliminate fuzziness or flickering in images from an analog RGB computer connection
Position	Up, down, left, right	Adjusts the image location on the screen
Auto Setup	**On** **Off**	Automatically optimizes image quality from an analog RGB computer connection (when On)
Blanking	Up, down, left, right	Hides an area of the projected image that you select using the arrow buttons

Setting	Options	Description
Advanced	**Video Range** **Input Signal** **Image Processing**	**Video Range**: sets the video range to match the setting of the device connected to the **HDMI**, **DVI-D**, or **HDBaseT** input ports. **Input Signal**: sets the input signal to the **Computer** or **BNC** port. **Auto** selects an input automatically. **Image processing**: sets the image processing settings to **Fine**, **Fast 1**, or **Fast 2**.
Scale	Various scale options	When using multiple projectors to project one image, adjusts the scale of the image displayed by each projector

Setting	Options	Description
3D Setup	3D Images	Enables passive 3D images when projecting from 2 projectors
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 **Film/Auto**: for movies, computer graphics, and animation
Video Range	**Auto** **Normal** **Expanded**	Sets the video range to match the setting of the device connected to the **DVI-D**, **HDMI**, and **HDBaseT** input ports

Setting	Options	Description
Input Signal	**Auto** **RGB** **Component**	Specifies the signal type from input sources connected to computer ports **Auto**: detects signals automatically **RGB**: corrects color for computer/RGB video inputs **Component**: corrects color for component video inputs
Overscan	**Auto** **Off** **4%** **8%**	Changes the projected image ratio to make the edges visible by a selectable percentage or automatically
Image Processing	**Fine** **Fast 1** **Fast 2**	Adjusts how images are processed **Fine**: displays images in higher quality **Fast 1**: displays images quicker without any loss in quality **Fast 2**: displays images quicker than Fast 1.

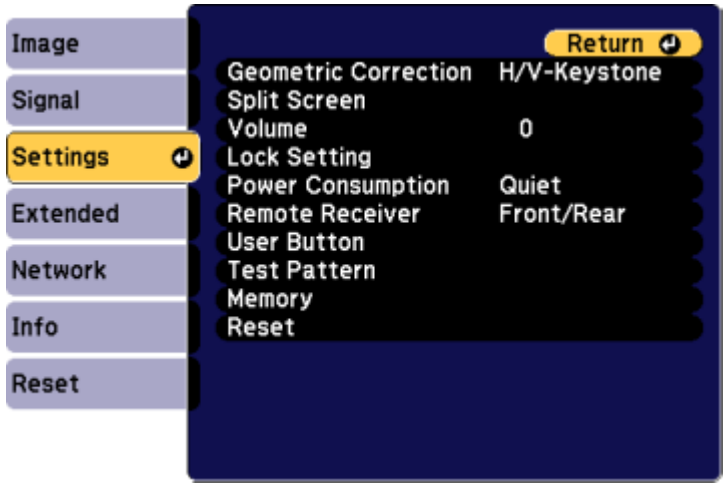
Parent topic: Adjusting the Menu Settings

Related concepts

Image Aspect Ratio

Projector Feature Settings - Settings Menu

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



Setting	Options	Description
Geometric Correction	**H/V-Keystone** **Quick Corner** **Point Correction** **Curved Surface** **Corner Wall** **Memory**	Adjusts the projected image shape **H/V Keystone**: lets you manually correct the angles of the horizontal and vertical sides **Quick Corner**: select to adjust the position of the four corners **Point Correction**: select to display a grid and finely adjust the image position **Curved Surface**: select to adjust the image when projecting on a curved surface **Corner Wall**: select to adjust the image when projecting on a surface with a right angle **Memory**: select to save adjustment value of the geometric correction and load it when needed
Split Screen	—	Divides the viewing area horizontally and displays two images side-by-side; while in Split Screen mode, press **Menu** to display the Split Screen options or **Esc** to cancel split screen display
Volume	Varying levels available	Adjusts the volume of the projector’s speaker system

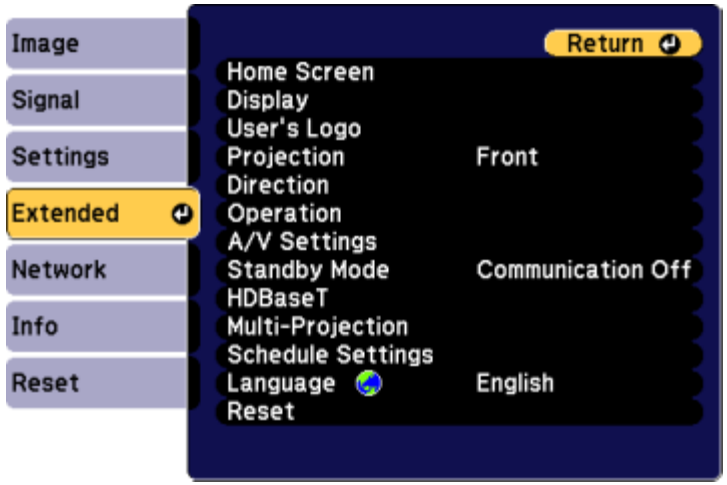
Setting	Options	Description
Lock Setting	**Control Panel Lock** **Lens Lock**	Controls projector button locking to secure the projector **Control Panel Lock**: • **Full Lock**: locks all buttons • **Partial Lock**: locks all buttons except the power button • **Off**: no buttons locked Setting **Lens Lock**to **On** disables **Lens Shift**, **Zoom**, and **Focus** on the remote control
Power Consumption	**Normal** **Temp Interlock** **ECO**	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
Remote Receiver	**Front/Rear** **Front** **Rear** **Off**	Limits reception of remote control signals by the selected receiver; **Off** turns off all receivers
User Button	**User1** **User2** **User3**	Assigns a menu option to the **User1**, **User2**, and **User3** buttons on the remote control for one-touch access

Setting	Options	Description
Test Pattern	—	Displays a test pattern to assist in adjusting the image; press the left or right arrow buttons on the remote control or **Enter** on the control panel to cycle through the available test patterns, or **Esc** to cancel pattern display
Memory	**Load Memory** **Save Memory** **Erase Memory** **Rename Memory**	Save customized sets of settings to memory

Parent topic: Adjusting the Menu Settings

Projector Setup Settings - Extended Menu

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



Setting	Options	Description
Home Screen	—	Adjust settings on the Home Screen
Display	—	See the next table in this topic
User's Logo	—	Creates a screen that the projector displays to identify itself and enhance security
Projection	**Front** **Front/Ceiling** **Rear** **Rear Ceiling**	Selects the way the projector faces the screen so the image is oriented correctly
Direction	Varying levels available	Selects the installation angle for the projector; the projector's fan may get louder depending on the direction angle selected
Operation	—	See the last table in the topic

Setting	Options	Description
A/V Settings	**A/V Output** **Monitor Out** **Audio Settings**	Selects various audio and video output settings **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**, selects output from the **Computer** or **BNC** port depending on which was used when the projector went into standby mode **Audio Settings**: Selects audio source to output
Standby Mode	**Communication On** **Communication Off**	Enable this setting to allow the following operations to occur when the projector is in standby mode: • Monitor and control the projector over a network • Output audio and video to an external device (A/V Output must be set to **Always On**) • Communication from the **HDBaseT** port

Setting	Options	Description
HDBaseT	**Control Communications** **Extron XTP**	Selects the communication settings for connections to an HDBaseT transmitter or switcher **Control Communications**: enables or disables communication from the Ethernet and serial ports on the transmitter; turning on this setting disables the projector's **LAN**, **RS-232C**, and **Remote** ports (**Extron XTP** must be turned off to use this setting) **Extron XTP**: set to **On** when you connect an Extron XTP transmitter or switcher to the HDBaseT ports
Multi-Projection	**Brightness Level** **Edge Blending** **Multi-screen** **Projector ID**	Select various options when projecting from multiple projectors **Brightness Level**: adjusts the brightness of the lamp; **Power Consumption** in the Settings menu must be set to **Normal** to use this setting **Edge Blending**: blends the border between multiple images to create a seamless screen **Multi-screen**: adjusts the tint and brightness of each projected image **Projector ID**: sets the projector to a particular ID number which allows you to use a remote control to individually control projectors

Setting	Options	Description
Schedule Settings	—	Schedule specific operations to occur at a pre-scheduled time
Language	Various languages available	Selects the language for projector menu and message displays (not changed by **Reset** option)

Display settings

Setting	Description
Menu Position	Selects the position of the projector menu displayed on the screen
Messages	Controls whether messages are displayed on the screen
Display Background	Selects the screen color or logo to display when no signal is received
Startup Screen	Controls whether a special screen appears when the projector starts up
A/V Mute	Selects the screen color or logo to display when A/V Mute is turned on
Standby Confirmation	Displays a confirmation message after pressing the **Standby** button on the remote control
Air Filter Notice	Displays a message when a clog in the air filter is detected
Screen	Sets the aspect ratio and position of the projected image according to the type of screen being used
Panel Alignment	Corrects color misalignment in the projected image
Color Uniformity	Adjusts the color tone balance
OSD Rotation	Rotate the menu 90 degrees

Operation settings

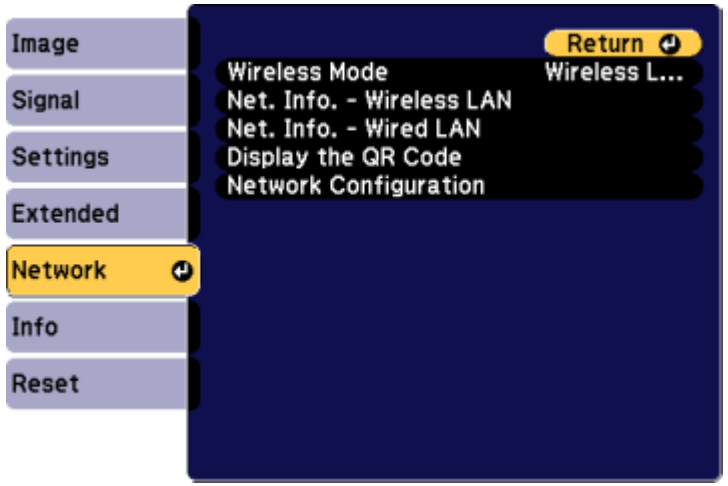
Setting	Options	Description
Direct Power On	—	Turns on the projector when you plug it in
Sleep Mode	—	Automatically places the projector in standby mode after an interval of inactivity
Sleep Mode Timer	1 to 30 minutes	Sets the time before the projector automatically turns off (Sleep Mode must be turned on)
High Altitude Mode	—	Regulates the projector's operating temperature at altitudes above 4921 feet (1500 m)
Auto Source Search	—	Automatically select an input source
Auto Power On	—	If **Computer** or **BNC** is selected, the projector turns on when an input signal is detected
A/V Mute Settings	**Fade-in** **Fade-out**	Select the number of seconds for the transition effect
BNC Sync Termination	—	Sets the termination for the signal from the BNC port (normally should be off unless analog termination such as for switchers is necessary)
Remote Control Type	**Normal** **Simple**	Select **Normal** to use the remote control that came with the projector or **Simple** to use a different Epson projector remote control and disable the remote control that came with the projector
Beep	—	Turns on or off the beep that sounds when you turn the projector on or off

Setting	Options	Description
Indicators	—	Select **Off** to turn off projector indications, except warning indicators
Instant Off	—	Select **Enabled** to place the projector into standby status after power off or **Disabled** to send the projector into standby status approximately 3 minutes after power off
Inv Direction Button	—	Enable this setting if you installed the projector on a ceiling and want to invert the arrow buttons on the control panel
Lens Type	Various lens model numbers	Select the model number for the attached lens
Date & Time	—	Adjusts the projector's system time and date settings
Lens Calibration	—	Display information about the lens currently in use

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.



Setting	Options	Description
Wireless Mode	—	Enable or disable wireless communication
Net. Info - Wireless LAN	**Connection mode** **Antenna level** **Projector Name** **SSID** **DHCP** **IP Address** **Subnet Mask** **Gateway Address** **MAC Address** **Region Code**	Displays wireless network status and details

Setting	Options	Description
Net. Info - Wired LAN	**Projector Name** **DHCP** **IP Address** **Subnet Mask** **Gateway Address** **MAC Address**	Displays wired network status and details
Display the QR Code	—	Displays the QR code
Network Configuration	Accesses additional network menus	Configures your network settings

Parent topic: Adjusting the Menu Settings

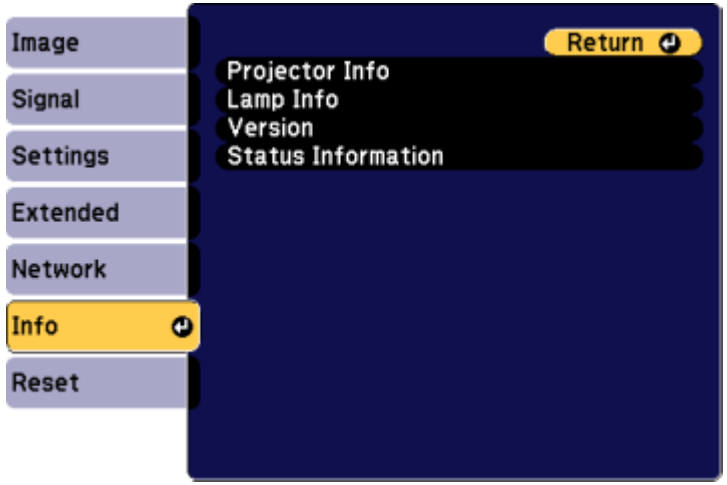
Related concepts

Wireless Network Projection

Wired 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.

Setting	Options	Description
Projector Info	**Source**	Displays the name of the port to which the current input source is connected
	Input Signal	Displays the input signal setting of the current input source
	Resolution	Displays the resolution of the current input source
	Refresh Rate	Displays the refresh rate of the current input source
	Sync Info	Displays information that may be needed by a service technician
	Status	Displays information about projector problems that may be needed by a service technician
	Serial Number	Displays the projector's serial number
	Lens Type	Displays the lens model number
	Event ID	Displays the Event ID number corresponding to a specific projector problem; see the list of Event ID codes
	HDBaseT Signal Quality	Displays the image signal information from the HDBaseT port
Lamp Info	**Lamp Hours**	Displays the number of hours (**H**) the lamp has been used in **Normal** and **ECO** Power Consumption modes; if the information is displayed in yellow, obtain a genuine Epson replacement lamp soon

Setting	Options	Description
Version	**Main** **Video**	Displays the projector's firmware information
Status Information	—	Displays the projector status

Event ID Code List

Parent topic: Adjusting the Menu Settings

Related references

Projector Lamp Specifications

Optional Equipment and Replacement Parts

Event ID Code List

If the **Event ID** 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.

Event ID code	Cause and solution
0432	The networked program did not start. Turn the projector off and then on again.
0435	
0434	Unstable network communication. Check the network communication status, wait a few moments, and try connecting to the network again.
0482	
0484	
0485	
0433	Cannot display the transferred images. Restart the networked program.
0481	Communication with computer was disconnected. Restart the network program.
04FE	The networked program quit unexpectedly. Check the network communication status, then turn the projector off and then on again.
0483	
04FF	A projector system error has occurred. Turn the projector off and then on again.
0479	
0891	Cannot find an access point with the same SSID. Set your computer, access point, and projector to the same SSID.

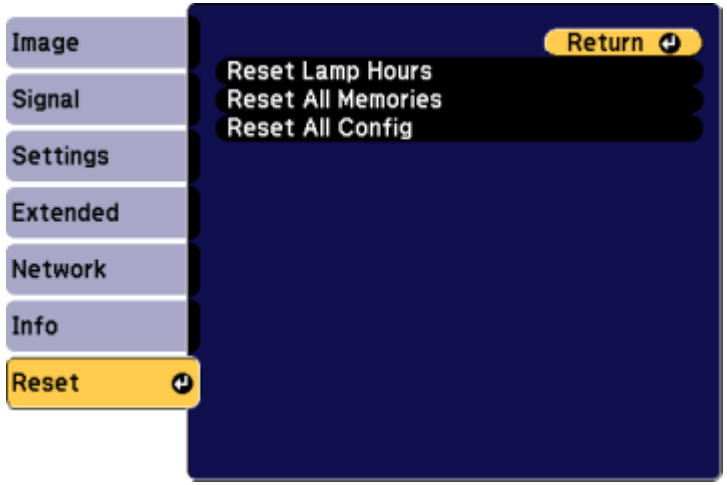
Event ID code	Cause and solution
0892	The WPA/WPA2 authentication type does not match. Make sure the wireless network security settings are correct.
0893	The TKIP/AES encryption type does not match. Make sure the wireless network security settings are correct.
0894	Communication with unauthorized access point was disconnected. Contact your network administrator.
0898	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.
0899	Communication error. Restart the networked program.

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 Config** 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 All Memories** option.



You cannot reset the following settings using the **Reset All Config** option:

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

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, benzine, 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 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

Related references

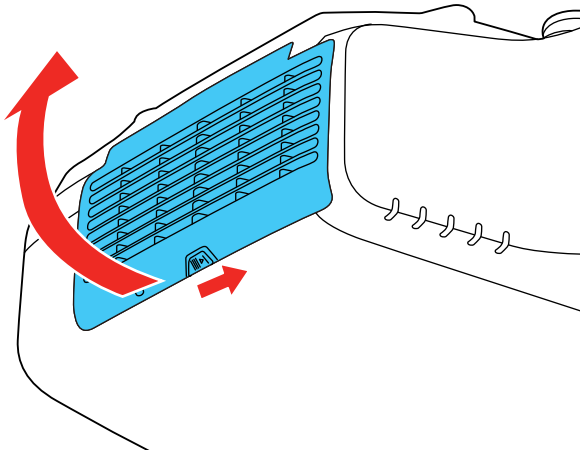
Projector Light Status

Cleaning the Air Filter

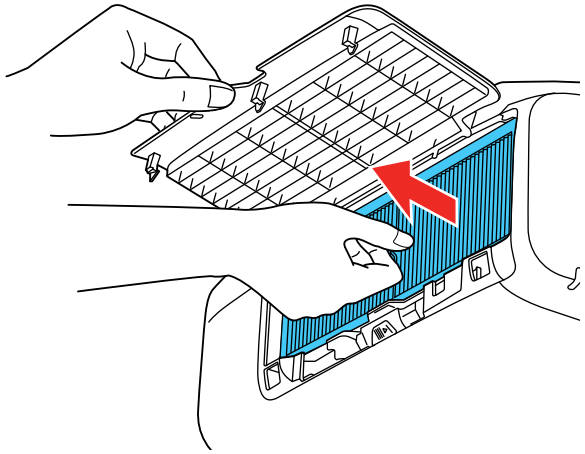
You need to clean the projector's air filter in the following situations:

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

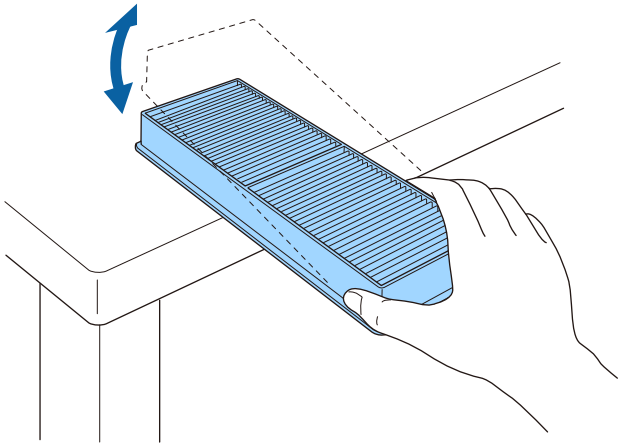
1. Turn off the projector, wait for the projector to beep, and unplug the power cord.
2. Slide the air filter cover latch and open the air filter cover.



3. Pull the air filter out of the projector.



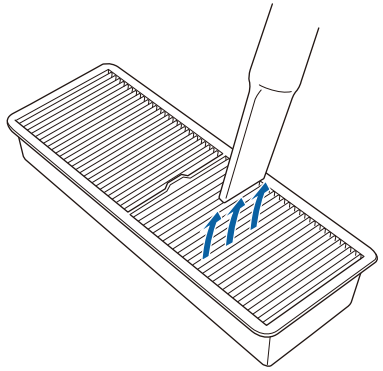
4. Tap each side of the air filter 4 to 5 times to shake off any excess dust. Do this outside the room or away from the projector.



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

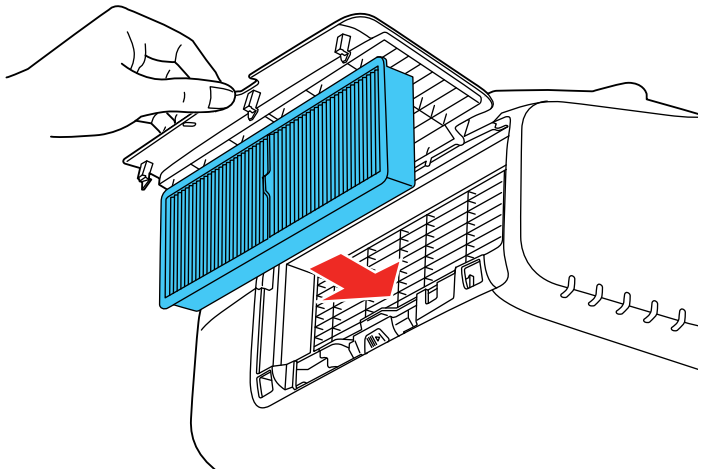
canned air; the gases may leave a residue, or push dust and debris into the projector's optics or other sensitive areas.

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

Related references

Projector Light Status

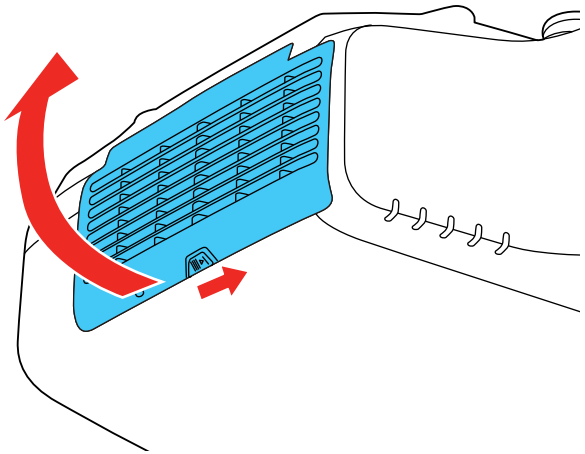
Replacing the Air Filter

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

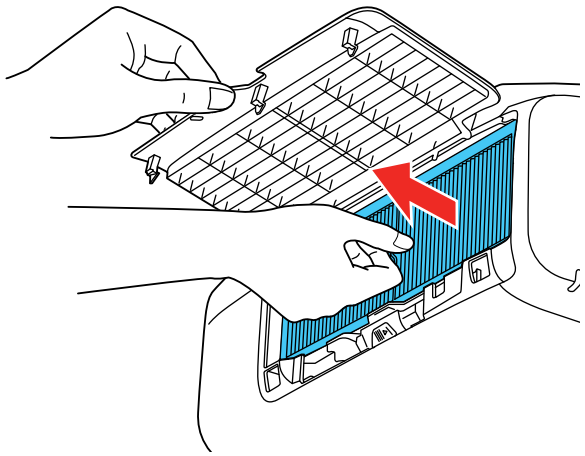
- After cleaning the air filter, you see a message telling you to clean or replace it
- The air filter is torn or damaged

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

1. Turn off the projector, wait for the projector to beep, and unplug the power cord.
2. Slide the air filter cover latch and open the air filter cover.

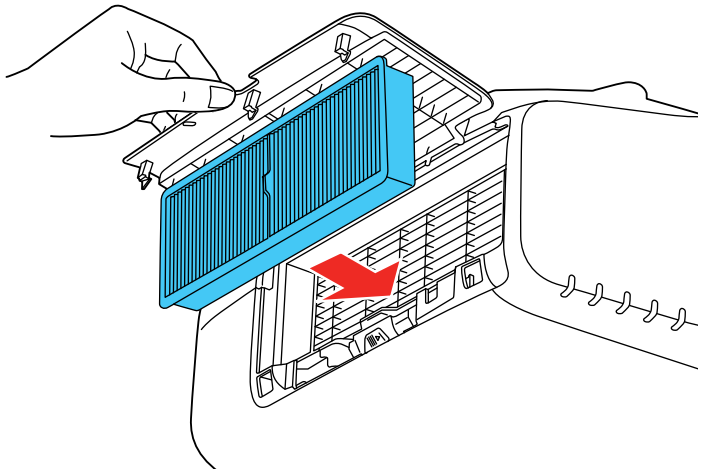


3. Pull the air filter out of the projector.



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.

Parent topic: Air Filter and Vent Maintenance

Related references

Projector Light Status

Optional Equipment and Replacement Parts

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 and its power light is flashing blue

Replacing the Lamp

Resetting the Lamp Timer

Parent topic: Projector Maintenance

Related references

Projector Light Status

Optional Equipment and Replacement Parts

Projector Lamp Specifications

Projector Information Display - Info Menu

Replacing the Lamp

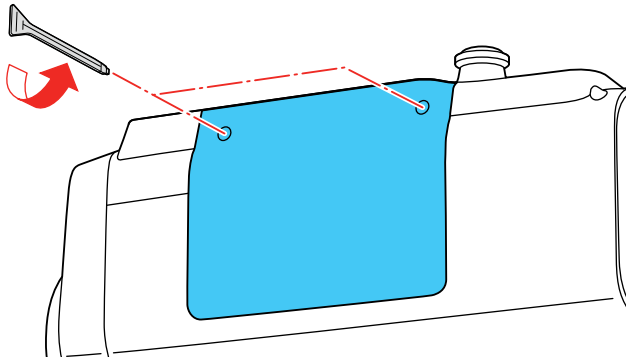
Before you replace the lamp, let the projector cool down for at least one hour so the lamp will not be hot.

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.

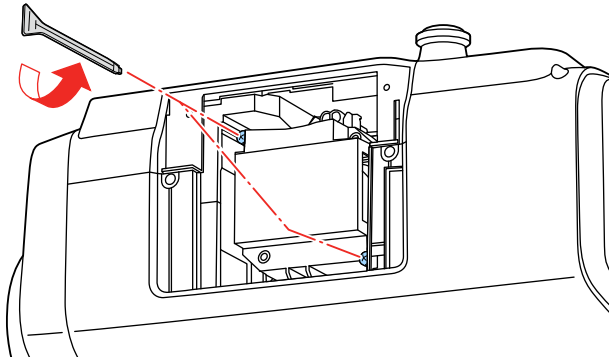
1. Turn off the projector, wait for the projector to beep, and unplug the power cord.
2. Allow the projector lamp to cool down for at least one hour.

3. Use the screwdriver included with the replacement lamp to loosen the screws securing the lamp cover, and then remove the lamp cover.

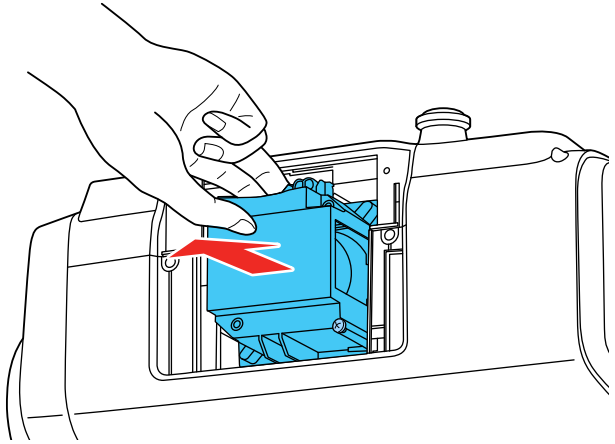


Warning: If the lamp is broken, glass fragments may be loose inside the lamp chamber. Be careful removing any broken glass to avoid injury.

4. Loosen the screws securing the lamp to the projector. The screws do not come all the way out.

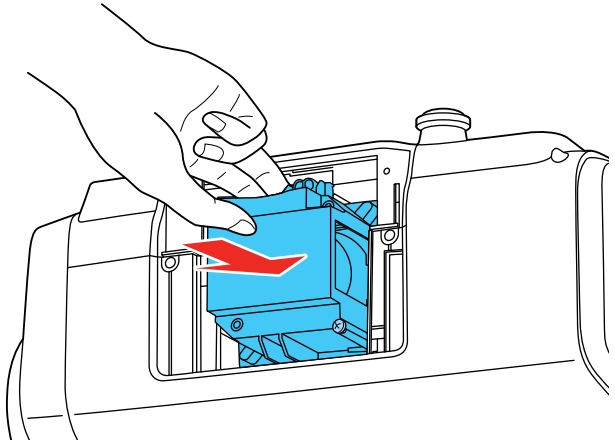


5. Hold the lamp by its handle and gently pull it out of the projector.



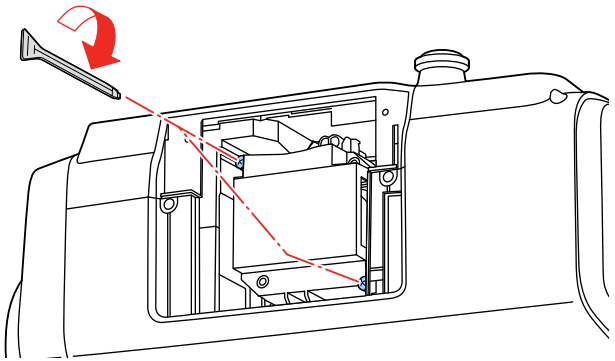
Note: Hg The lamp(s) in this product contain mercury. Please consult your state and local regulations regarding disposal or recycling. Do not put in the trash.

6. Gently insert the new lamp into the projector. If it does not fit easily, make sure it is facing the right way.

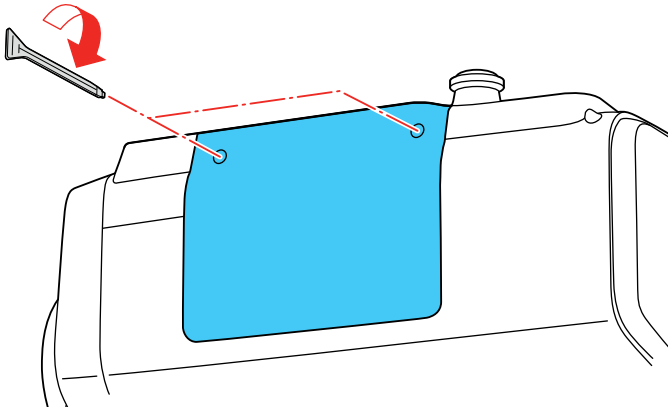


Caution: Do not touch any glass on the lamp assembly to avoid premature lamp failure.

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



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



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

Related references

Optional Equipment and Replacement Parts

Related tasks

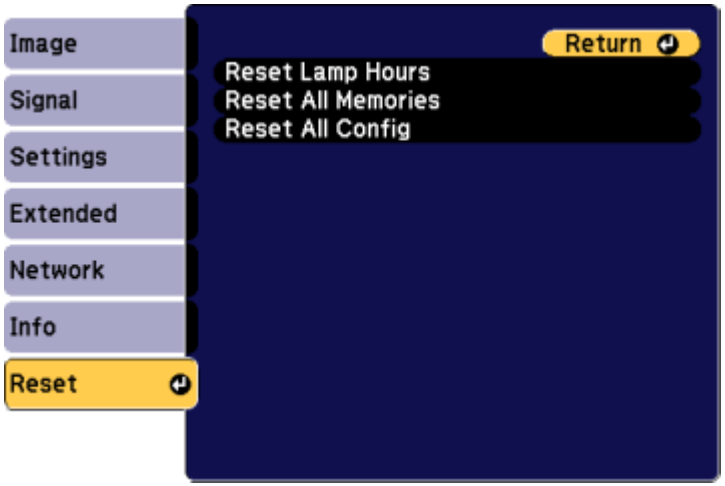
Resetting the Lamp Timer

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.

Parent topic: Projector Lamp Maintenance

Related tasks

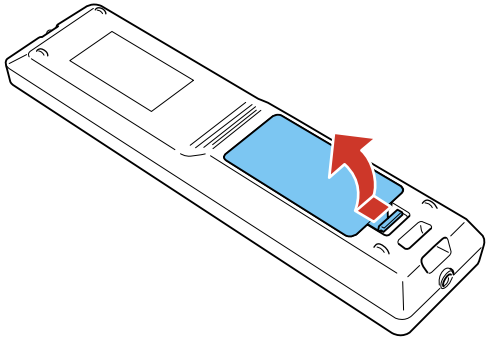
Replacing the Lamp

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.

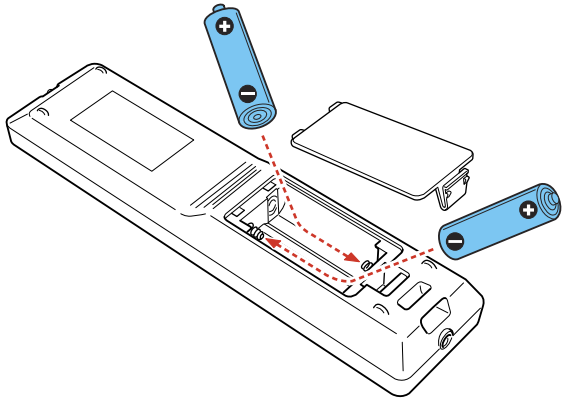
1. Remove the battery cover as shown.



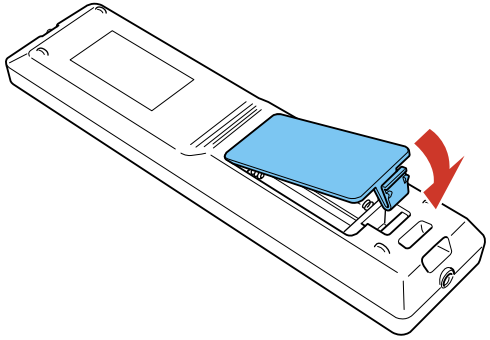
2. Remove the old batteries.

   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. Replace 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 the guidelines here to transport, ship, or store the projector safely.

Caution: Use two or more people to unpack or lift the projector.

1. Remove any equipment connected to the projector.
2. 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, 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.
3. Center the lens using lens shift.
4. Attach the protective lens pad that was included with the projector.
5. Do one of the following:
   - 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

Related tasks

Attaching a Lens

Removing a Lens

Adjusting the Image Position Using Lens Shift

Solving Problems

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

Projection Problem Tips
Projector Light Status
Viewing the Status Display
Using the Projector Help Displays
Solving Image or Sound Problems
Solving Projector or Remote Control Operation Problems
Solving Network Problems
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:

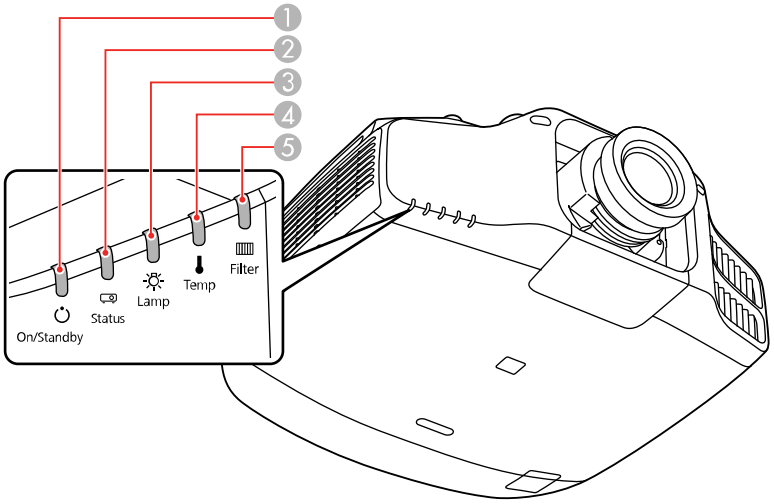
- The lights on the projector may indicate what the problem is.
- The Help option on the Home screen can display information about common problems, if the projector is operating.
- The solutions in this manual can help you solve many problems.

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 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 On/Standby (power) light

2 Status light

3 Lamp light

4 Temp (temperature) light

5 Filter light

On/Standby (power) light	Status light	Lamp light	Temp light	Filter light	Status and solution
Blue	Blue	Varies	Off	Off	Normal operation.
Blue	Blue	Flashing blue	Off	Off	A/V Mute is on.
Blue	Flashing blue	Varies	Off	Off	Warming up. Wait for an image to appear.

On/Standby (power) light	Status light	Lamp light	Temp light	Filter light	Status and solution
Blue	Off	Off	Off	Off	Standby or network monitoring and control (When **Standby Mode** is set to **Communication On**.
Flashing blue	Off	Off	Off	Off	Preparing network monitoring or shutting down. (Wait for the light to remain orange before unplugging the projector.)
Blue	Flashing blue	Off	Off	Off	Cooling down. All buttons are disabled.
Flashing blue	Varies	Varies	Flashing orange	Varies	High temperature warning. If the temperature gets too high, projection will automatically stop. • Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects. • Clean or replace the air filter.
Varies	Varies	Flashing orange	Varies	Varies	Installation position warning. Check the installation angle of the projector.
Off	Flashing blue	Flashing orange	Flashing orange	Off	Auto Iris error. Turn off the projector, unplug it from the electrical outlet, and contact Epson for help
Off	Flashing blue	Orange	Orange	Off	Power error (balast) or Lens Shift error. Turn off the projector, unplug it from the electrical outlet, and contact Epson for help
Off	Flashing blue	Flashing orange	Off	Off	Internal error. Turn off the projector, unplug it from the electrical outlet, and contact Epson for help.

On/Standby (power) light	Status light	Lamp light	Temp light	Filter light	Status and solution
Off	Flashing blue	Off	Orange	Off	Projector is too hot. • Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects. • Clean or replace the air filter. • Make sure the environmental temperature is not too hot.
Off	Flashing blue	Off	Orange	Off	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.

On/Standby (power) light	Status light	Lamp light	Temp light	Filter light	Status and solution
Off	Flashing blue	Orange	Off	Off	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.
Varies	Varies	Varies	Varies	Flashing orange	It is time to clean the air filter.
Off	Flashing blue	Off	Off	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.
Flashing blue	Varies	Varies	Varies	Orange	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/Standby (power) light	Status light	Lamp light	Temp light	Filter light	Status and solution
Off	Flashing blue	Off	Flashing orange	Off	A fan or sensor has a problem. Turn the projector off, unplug it, and contact Epson for help.
Flashing blue	Varies	Flashing orange	Varies	Varies	The lamp is past its replacement period and needs to be replaced to avoid damage. Do not continue using the projector.

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

Parent topic: Solving Problems

Related references

Projector Feature Settings - Settings Menu
Projector Setup Settings - Extended Menu
Where to Get Help

Related tasks

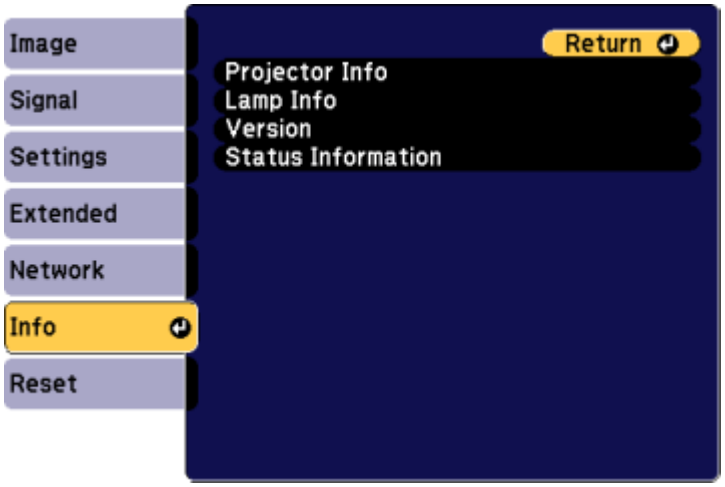
Cleaning the Air Filter
Replacing the Air Filter
Replacing the Lamp

Viewing the Status Display

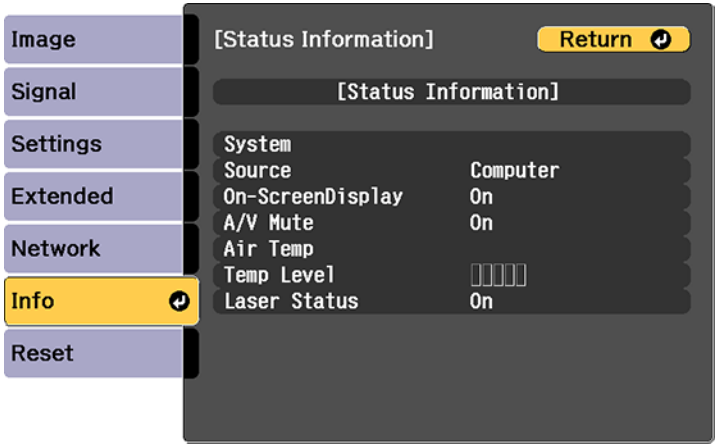
You can monitor the projector's status and view error information from the status display.

1. Turn on the projector.

2. Press the **i** button on the remote control or the right arrow button on the control panel.
3. Select **Status Information** and press **Enter**.



4. Press the left or right arrow buttons to view different categories of information.



- **Status Information**: The projector's operating status
- **Source**: Input signal information

- **Signal Information**: Input digital signal information
- **Network Wired**: Wired LAN settings
- **Network Wireless**: Wireless LAN settings
- **Maintenance**: Operating time for the projector and light source

Projector Status Display Messages

Parent topic: Solving Problems

Projector Status Display Messages

Categories on the status display screens let you view information about the projector and its operation.

Status Information category

Information	Description
System	See the System status information table at the end of this topic
Source	Displays the source currently being used
On-Screen Display	Displays the settings for on-screen displays. When turned off, menus or messages are not displayed on the projected images
A/V Mute	Displays the A/V Mute status
Air Temp	Displays the environmental temperature
Temp Level	
Lamp Status	Display the operating status of the lamp

Source category

Information	Description
Source	Displays the source currently being used
Resolution	Displays the resolution of the current input signal
Video Signal	Displays the current input video signal
Color Space	Displays the color space of the current input signal

Information	Description
H-Frequency	Displays the horizontal frequency of the current input signal
V-Frequency	Displays the vertical frequency of the current input signal
Sync Polarity	Displays the sync polarity
Sync Mode	Displays the sync type
Detected Mode	Displays the detected mode of the current input signal
Video Level	Displays the video level of the projector

Signal Information category

Information	Description
5V Detection	Displays the detection results of 5V signals
TMDS Clock	Displays the TMDS frequency of the current input signal
TMDS H-Frequency	Displays the horizontal frequency of the current input signal
TMDS V-Frequency	Displays the vertical frequency of the current input signal
DetChg 5CFHMP123	Displays the factors of signal changes
Stable Time	Displays the amount of operating time since the input source was determined
HDCP Status	Displays the HDCP status
HDCP Ver	Displays the HDCP version
AVI Info VIC	Displays the VIC information (AVI) of the current input signal
AVI InfoChecksum	Displays the checksum result for AVI
Signal Mode	Displays the signal mode

Information	Description
Pixel Encoding	Displays the color space information (AVI) of the current input signal
HDBaseT Quality	Displays the image signal information from the HDBaseT port

Network Wired category

Information	Description
Projector Name	Displays the name used to identify the projector when connected to a network
Connection Mode	Displays the connection path for the LAN
DHCP	Displays the DHCP display settings
IP Display	Displays the IP address display settings
IP Address	Displays the IP address
MAC Address	Displays the MAC address

Network Wireless category

Information	Description
Projector Name	Displays the name used to identify the projector when connected to a network
Connection Mode	Displays the connection mode to use when connecting the projector and a computer over a wireless LAN
SSID Display	Displays the SSID display settings
IP Display	Displays the IP address display settings
SSID	Displays the SSID
IP Address	Displays the IP address
DHCP	Displays the DHCP settings
MAC Address	Displays the MAC address

Information	Description
Security	Displays the security settings
Antenna Level	Displays the reception status for Wi-Fi

Maintenance category

Information	Description
Operation Time	Displays the projector's total operation time
Lamp Op. Time	Displays the lamp operating time (Normal)
Lamp Op. Time PR	Displays the lamp operating time (Portrait Mode)

Version category

Information	Description
Serial No.	Displays the projector's serial number
Main	Display the projector's firmware version information
Video2	
Sub	
Sub2	
HDBaseT	

System status information

Status	Description
OK	The projector is in normal operating mode
Warm-up	The projector is warming up
Standby	The projector is in standby mode
Cool Down	The projector is cooling down
Temp Error	A high temperature error occurred
Fan Error	A fan error occurred

Status	Description
Sensor Error	A sensor error occurred
Lamp Error	A lamp error has occurred
Lamp Failure	A lamp failure has occurred
Power Error	A power error occurred
Internal Error	An internal error occurred
Auto Iris Error	An Auto Iris error has occurred
Airflow Error	A filter airflow error occurred
Temp Warning	A high temperature warning occurred
Internal Warning	A warning regarding the internal system occurred
Airflow Decline	A low airflow error occurred
Lamp Warning	A lamp warning occurred
Power Warning	A power warning has occurred
Direction Warning	The usage angle is out of range
Lamp Replacement	A lamp replacement recommendation has occurred
Clean Filter	An air filter notice occurred; clean the air filter

Parent topic: Viewing the Status Display

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 **Home** button on the remote control.
3. Use the arrow buttons to select **Help**.
4. Press **Enter**.

   You see the Help menu.
5. Use the up and down arrow buttons to highlight the problem you want to solve.
6. Press **Enter** to view the solutions.

7. When you are finished, do one of the following:
   - To select another problem to solve, press **Esc**.
   - To exit the help system, press **Home**.

Parent topic: Solving Problems

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 When a 3D Image Does Not Display Correctly
Solutions to Sound Problems

Parent topic: Solving Problems

Solutions When No Image Appears

If no image appears, try the following solutions:

- Make sure the lens cap is off.
- 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.
- Press the **Menu** button. If the projector menu is able to display, there may be a problem with the connected video source, cable connection, or port.
- 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 the other solutions do not solve the problem, reset all of the projector settings using the options on the **Reset** menu.

Parent topic: Solving Image or Sound Problems

Related references

Projector Feature Settings - Settings Menu
Projector Setup Settings - Extended Menu
Image Quality Settings - Image Menu
Input Signal Settings - Signal 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.
- If the other solutions do not solve the problem, reset all of the projector settings using the options on the **Reset** menu.

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 labeled 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 **Mirror** or **Duplicate**.

Parent topic: Solutions When "No Signal" Message Appears

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. Click the **Arrangement** tab.
3. 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.)
- As a test, try setting the computer's display resolution to the lowest possible setting, and then gradually increase it as necessary.

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:

- 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 **Position** menu setting.
- Try adjusting the image position using the **Screen Position** menu setting.
- 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 the cables connecting the computer or video source to the projector. Try connecting different cables.
- 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

Projector Feature Settings - Settings Menu

Input Signal Settings - Signal Menu

Supported Video Display Formats

Related tasks

Adjusting the Image Position Using Lens Shift

Setting the Screen Type

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.
- If you adjusted the projector height using the projector feet, press the keystone buttons on the projector to adjust the image shape.

- 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 (3 m) for VGA/computer cables or 24 feet (7.3 m) for HDMI cables
- 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 **Noise Reduction** setting.
- 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. If the problem remains, display a uniformly patterned image on the screen and manually adjust the **Tracking** and **Sync** settings.
- If you adjusted the image shape using the projector controls, try decreasing the **Sharpness** setting to improve image quality.
- If you connected an extension power cable, try projecting without it to see if it caused interference in the signal.
- Try a different cable.
- Try turning off **Frame Interpolation**, or turn on **Image Enhancement** in the Image menu.

Parent topic: Solving Image or Sound Problems

Related references

Input Signal Settings - Signal Menu

Supported Video Display Formats

Related tasks

Displaying From a PC Laptop

Displaying From a Mac Laptop

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.

- Try connecting the projector to the highest quality connection available on your input source. For example, connect to an HMDI port or component video ports for a better quality input signal.
- 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, try using a lower resolution or try to match the projector's native resolution.

Parent topic: Solving Image or Sound Problems

Related references

Input Signal Settings - Signal Menu

Image Quality Settings - Image Menu

Projection Distance

Related tasks

Cleaning the Lens

Focusing the Image Using the Focus Button

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**, **Advanced**, and **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.

Parent topic: Solving Image or Sound Problems

Related concepts

Projector Lamp Maintenance

Related references

Projector Feature Settings - Settings Menu

Input Signal Settings - Signal Menu

Image Quality Settings - Image Menu

Solutions When a 3D Image Does Not Display Correctly

If a 3D image does not display correctly, try the following solutions:

- Press the **2D/3D** button on the remote control to switch to 3D mode, if necessary. You can also activate 3D mode by setting the **3D Display** setting on the Signal menu to **On**.
- Make sure your video device and media are both 3D-compatible. Refer to the documentation that came with your video device for more information.
- Make sure you are using HDMI cables that support 3D signals. If you are using a splitter, make sure it also supports 3D signals.
- Make sure you are projecting onto a silver screen (recommended gain: 2.3 to 2.7).

- Make sure you selected the correct **3D Format** setting on the Signal menu. Normally this should be set to **Auto**, but in some cases you may need to select a different setting to match the 3D signal from your video device.
- Make sure you are using the supplied 3D glasses or the optional glasses sold by Epson. The glasses supplied and sold by Epson are specifically designed for use with this product. Other passive 3D glasses may not work.
- Make sure the polarizing filters are attached correctly. The number on each filter should match the number on the projector to which it is attached. See your *Setup Guide* for instructions.
- Make sure you are within the 3D viewing range. Also make sure to position the product close enough to the screen.
- If the other solutions do not not solve the problem, change the **Inverse 3D Image** setting on the Signal menu. Return the setting to its original value if changing it does not solve the problem.

Parent topic: Solving Image or Sound Problems

Related references

Optional Equipment and Replacement Parts

Related tasks

Viewing 3D Images

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.
- Make sure the **Audio Settings** option is set to the correct audio port for your video device.
- If you connected an audio device to the projector's **Audio Out** port, the internal speaker is disabled. However, you can still control the volume level via the remote control.
- 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 tasks

Connecting to External Speakers

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.
- If the projector's lamp shuts off unexpectedly, it may have entered standby mode after a period of inactivity. Press the power button to wake the projector and adjust the Sleep Mode Timer setting to change the sleep interval.
- 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.
- The power cord may be defective. Try another power cord. If that doesn't work, disconnect the cord and contact Epson.

Parent topic: Solving Projector or Remote Control Operation Problems

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.
- Make sure the optional remote control cable set is not attached to the projector's **Remote** port. If you leave the cable connected to the port, the remote control cannot control the projector.
- 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.
- Make sure the **Control Communications** or **Extron XTP** setting in the Extended menu is set to **Off** if you are using the optional remote control cable set.
- If you lose the remote control, you can purchase another from an authorized Epson reseller.

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. Do not attempt to enter the password again. Provide the request code and proof of ownership for assistance in unlocking the projector.
- If you set a Web Control password and forgot the user ID or password, try entering the following:
  - User ID: **EPSONWEB**
  - Default password: **admin**
- If you set a Remote password (in Epson Web Control) and forgot the user ID or password, try entering the following:
  - User ID: **EPSONREMOTE**
  - Default password: **guest**
- 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

Solving Network Problems

Check the solutions in these sections if you have problems using the projector on a network.

Solutions When You Cannot Access the Projector Through the Web
Solutions When Network Alert E-Mails are Not Received
Solutions When You Cannot Access the Projector Using iProjection

Parent topic: Solving Problems

Solutions When You Cannot Access the Projector Through the Web

If you are unable to access the projector through a web browser, make sure you are using the correct ID and password, which are case sensitive.

- For the user ID, enter **EPSONWEB**. (You cannot change the user ID.)
- For the password, enter the password set in the projector's Network menu. The default password is **admin**.
- Make sure you have access to the network the projector is on.

Note: The user ID and password are case sensitive.

Parent topic: Solving Network Problems

Related concepts

Wired Network Projection

Wireless Network Projection

Related references

Projector Setup Settings - Extended Menu

Projector Network Settings - Network Menu

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 Network Problems

Related concepts

Wired Network Projection

Wireless Network Projection

Related references

Projector Setup Settings - Extended Menu

Projector Network Settings - Network Menu

Solutions When You Cannot Access the Projector Using iProjection

If you are using **Quick** connection mode and are unable to access the projector through an Android device using iProjection, make sure the **SSID Auto Setting** is set to **On**.

Parent topic: Solving Network Problems

Related concepts

Wireless Network Projection

Wired Network Projection

Related references

Projector Network Settings - Network Menu

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

Type of display	Poly-silicon TFT active matrix
Resolution	**Pro G7000W/G7200W**: 1280 × 800 pixels (WXGA) **Pro G7100/G7805**: 1024 × 768 pixels (XGA) **Pro G7400U/G7500U/G7905U**: 1920 × 1200 pixels (WUXGA)
Lens	F=1.7 to 2.3 Focal length: 24.0 to 38.2 mm
Color reproduction	Full color, up to 1 billion colors

Brightness	**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. **Pro G7000W/G7100/G7500U**: White light output 6500 lumens (ISO 21118 standard) Color light output 6500 lumens **Pro G7200W**: White light output 7500 lumens (ISO 21118 standard) Color light output 7500 lumens **Pro G7905U**: White light output 7000 lumens (ISO 21118 standard) Color light output 7000 lumens **Pro G7805**: White light output 8000 lumens (ISO 21118 standard) Color light output 8000 lumens **Pro G7400U**: White light output 5500 lumens (ISO 21118 standard) Color light output 5500 lumens
Contrast ratio	50000:1 with Auto Iris on and Normal Power Consumption mode
Image size (in native aspect ratio)	50 inches (1.27 m) to 300 inches (7.62 m)
Projection distance (in native aspect ratio)	**Pro G7805/G7100**: 57.9 inches (1.47 m) to 573.2 inches (14.56 m) **Pro G7000W/G7200W/G7400U/G7500U/G7905U**: 60.2 inches (1.53 m) to 594.5 inches (15.10 m)
Projection methods	Front, rear, ceiling-mounted

Optical aspect ratio (width-to-height)	**Pro G7805/G7100**: 4:3 **Pro G7000W/G7200W/G7400U/G7500U/G7905U**: 16:10
Focus adjustment	Powered
Zoom adjustment	Powered
Zoom ratio (Tele-to-Wide)	1 to 1.6
Internal sound system	10 W monaural
Noise level	**Pro G7000W/G7100**: 35 dB (Normal Power Consumption mode) **Pro G7200W/G7500U/G7805/G7905U**: 39 dB (Normal Power Consumption mode) **Pro G7400U**: 31 dB (Normal Power Consumption mode) **All models**: 31 dB (ECO Power Consumption mode)
Keystone correction angle	Vertical: ± 45° Horizontal: ± 30°
USB Type B port compatibility	One USB 1.1 and 2.0 compliant port for firmware update and copying menu settings
USB Type A port compatibility	One USB 1.1 and 2.0 compliant port for wireless LAN, firmware update, and copying menu settings

Parent topic: Technical Specifications

Projector Lamp Specifications

Type	UHE (Ultra High Efficiency)
Power consumption	400 W

Lamp life	**Pro G7000W/G7100/G7200W/G7500U/G7805/G7905U**: Normal Power Consumption mode: Up to about 3000 hours ECO Power Consumption mode: Up to about 4000 hours Portrait mode: Up to about 2000 hours **Pro G7400U** Normal Power Consumption mode: Up to about 4000 hours Portrait mode: Up to about 2000 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	98.4 feet (30 m)
Batteries	Two alkaline or manganese AA

Parent topic: Technical Specifications

Projector Dimension Specifications

Height (excluding feet)	6.5 inches (164 mm)
Width	20.7 inches (525 mm)
Depth	16.7 inches (425 mm)
Weight	28.4 lb (12.9 kg)

Parent topic: Technical Specifications

Projector Electrical Specifications

Rated frequency	50/60 Hz
Power supply	100 to 240 VAC ±10%
	Pro G7000W/G7100:
	5.5 to 2.4 A
	Pro G7200W/G7500U/G7805/G7905U:
	6.0 to 2.6 A
	Pro G7400U:
	5.0 to 2.2 A
Power consumption	Operating:
(100 to 120 V)	**Pro G7000W/G7100**:
	Normal Power Consumption mode: 540 W
	ECO Power Consumption mode: 498 W
	Pro G7200W/G7500U/G7805/G7905U:
	Normal Power Consumption mode: 601 W
	ECO Power Consumption mode: 498 W
	Pro G7400U:
	Normal Power Consumption mode: 498 W
	Standby:
	0.22 W (Communication Off), 2.2 W (Communication On)

Power consumption (220 to 240 V)	Operating: **Pro G7000W/G7100**: Normal Power Consumption mode: 515 W ECO Power Consumption mode: 477 W **Pro G7200W/G7500U/G7805/G7905U**: Normal Power Consumption mode: 572 W ECO Power Consumption mode: 477 W **Pro G7400U**: Normal Power Consumption mode: 477 W Standby: 0.30 W (Communication Off), 2.3 W (Communication On)

Parent topic: Technical Specifications

Projector Environmental Specifications

Temperature	Operating: Up to 4921 feet (1500 m): 32 to 113 °F (0 to 45 °C) 4921 feet (1500 m) to 10000 feet (3048 m) with High Altitude Mode enabled: 32 to 104 °F (0 to 40 °C) 10000 feet (3048 m) to 16404 feet (5000 m) with High Altitude Mode enabled: 32 to 95 °F (0 to 35 °C) Lamp automatically dims at these altitudes/operating temperatures: Up to 4921 feet (1500 m): 122 °F (50 °C) 4921 feet (1500 m) to 10000 feet (3048 m): 113 °F (45 °C) 10000 feet (3048 m) to 16404 feet (5000 m): 104 °F (40 °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. 60950-1-07 (cTUVus Mark)

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.

Display format	Refresh rate (in Hz)	Resolution (in pixels)
Computer signals (analog RGB)		
VGA	60/72/75/85	640 × 480
SVGA	60/72/75/85	800 × 600
XGA	60/70/75/85	1024 × 768
WXGA	60	1280 × 768
	60	1366 × 768
	60/75/85	1280 × 800
WXGA+	60/75/85	1440 × 900

Display format	Refresh rate (in Hz)	Resolution (in pixels)
WXGA++	60	1600 × 900
SXGA	70/75/85	1152 × 864
	60/75/85	1280 × 960
	60/75/85	1280 × 1024
SXGA+	60/75	1400 × 1050
WSXGA+ [1]	60	1680 × 1050
UXGA	60	1600 × 1200
WUXGA [2]	60	1920 × 1200
Composite video		
TV (NTSC)	60	720 × 480
TV (PAL)	50/60	720 × 576
TV (SECAM)	50	720 × 576
Component video		
SDTV (480i)	60	720 × 480
SDTV (576i)	50	720 × 576
SDTV (480p)	60	720 × 480
SDTV (576p)	50	720 × 576
HDTV (720p)	50/60	1280 × 720
HDTV (1080i)	50/60	1920 × 1080
HDTV (1080p) [3]	50/60	1920 × 1080
HDMI, DVI-D, and HDBaseT port input signals [4]		
VGA	60	640 × 480
SVGA	60	800 × 600
XGA	60	1024 × 768

Display format	Refresh rate (in Hz)	Resolution (in pixels)
WXGA	60	1280 × 768
	60	1280 × 800
	60	1366 × 768
WXGA+	60	1440 × 900
WXGA++	60	1600 × 900
WSXGA+ [5]	60	1680 × 1050
SXGA	60	1280 × 960
	60	1280 × 1024
SXGA+	60	1400 × 1050
UXGA	60	1600 × 1200
WUXGA [6]	60	1920 × 1200
QXGA [7]	60	2048 × 1536
WQHD [7]	60	2560 × 1440
WQXGA [7]	60	2560 × 1600
SDTV (480i/480p)	60	720 × 480
SDTV (576i/576p)	50	720 × 576
HDTV (720p)	50/60	1280 × 720
HDTV (1080i)	50/60	1920 × 1080
HDTV (1080p)	24/30/50/60	1920 × 1080
4Kx2K [7]	24/25/30/50/60	3840 × 2160
4Kx2K (SMPTE) [7]	24/50/60	4096 × 2160

[1] Pro G7000W/G7200W/G7400U/G7500U/G7905U only

[2] Pro G7400U/G7500U/G7905U only; compatible only with VESA CVT-RB (Reduced Blanking) input signal

[3] For input signals only from the **Computer** port

[4] Only when an HDMI connection is made using the optional HDBaseT Transmitter

[5] Pro G7000W/G7200W/G7400U/G7500U/G7905U only

[6] Compatible only with VESA CVT-RB (Reduced Blanking) input signal

[7] Pro G7400U/G7500U/G7905U only; HDMI input only

Parent topic: Technical Specifications

Notices

Check these sections for important notices about your projector.

Recycling
Important Safety Information
Important Safety Instructions
List of Safety Symbols (corresponding to IEC60950-1 A2)
FCC Compliance Statement
Open Source Software License
Trademarks
Copyright Notice

Recycling

Epson offers a recycling program for end of life products. Please go to this site for information on how to return your products for proper disposal.

Parent topic: Notices

Important Safety Information

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

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 and allow to cool 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 projector.
- 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 below. 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.

  32 to 113 °F (0 to 45 °C) at an altitude of 4921 feet (1500 m) or less, 32 to 104 °F (0 to 40 °C) at an altitude of 4925 to 10000 feet (1501 to 3048 m), or 32 to 95 °F (0 to 35 °C) at an altitude of 10001 to 16405 feet (3049 to 5000 m)
- 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.
- 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 advice immediately.

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.

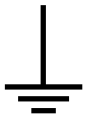
Because this product was not intended for use in applications requiring extremely high reliability/safety such as aerospace equipment, main communication equipment, nuclear power control equipment, or medical equipment related to direct medical care, please make your own judgment on this product's suitability after a full evaluation.

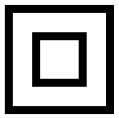
Parent topic: Important Safety Instructions

List of Safety Symbols (corresponding to IEC60950-1 A2)

The following table lists the meaning of the safety symbols labeled on the equipment.

No.	Symbol	Approved Standards	Description
1		IEC60417 No.5007	"ON" (power) To indicate connection to the mains.
2		IEC60417 No.5008	"OFF" (power) To indicate disconnection from the mains.
3		IEC60417 No.5009	Stand-by To identify the switch or switch position by means of which part of the equipment is switched on in order to bring it into the stand-by condition.
4		ISO7000 No.0434B, IEC3864-B3.1	Caution To identify general caution when using the product.
5		IEC60417 No.5041	Caution, hot surface To indicate that the marked item can be hot and should not be touched without taking care.
6		IEC60417 No.6042 ISO3864-B3.6	Caution, risk of electric shock To identify equipment that has risk of electric shock.
7		IEC60417 No.5957	For indoor use only To identify electrical equipment designed primarily for indoor use.

No.	Symbol	Approved Standards	Description
8		IEC60417 No.5926	Polarity of DC power connector To identify the positive and negative connections (the polarity) on a piece of equipment to which a DC power supply may be connected.
9		—	Polarity of DC power connector To identify the positive and negative connections (the polarity) on a piece of equipment to which a DC. power supply may be connected.
10		IEC60417 No.5001B	Battery, general On battery powered equipment. To identify a device for instance a cover for the battery compartment, or the connector terminals.
11		IEC60417 No.5002	Positioning of cell To identify the battery holder itself and to identify the positioning of the cell(s) inside the battery holder.
12		—	Positioning of cell To identify the battery holder itself and to identify the positioning of the cell(s) inside the battery holder.
13		IEC60417 No.5019	Protective earth To identify any terminal which is intended for connection to an external conductor for protection against electric shock in case of a fault, or the terminal of a protective earth electrode.
14		IEC60417 No.5017	Earth To identify an earth (ground) terminal in cases where neither the symbol No.13 is explicitly required.

No.	Symbol	Approved Standards	Description
15		IEC60417 No.5032	Alternating current To indicate on the rating plate that the equipment is suitable for alternating current only; to identify relevant terminals.
16		IEC60417 No.5031	Direct current To indicate on the rating plate that the equipment is suitable for direct current only; to identify relevant terminals.
17		IEC60417 No.5172	Class II equipment To identify equipment meeting the safety requirements specified for Class II equipment according to IEC 61140.
18		ISO 3864	General prohibition To identify actions or operations that are prohibited.
19		ISO 3864	Contact prohibition To indicate injury that could occur due to touching a specific part of the equipment.
20		—	Never look into the optical lens while the projector is on.
21		—	To indicate that the marked item don’t place anything on projector.
22		ISO3864 IEC60825-1	Caution, laser radiation To indicate the equipment has a laser radiation part.

No.	Symbol	Approved Standards	Description
23		ISO 3864	Disassembly prohibition To indicate a risk of injury, such as electric shock, if the equipment is disassembled.

Parent topic: Notices

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

CAN ICES-3(B)/NMB-3(B)

Parent topic: Notices

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- linux-3.4.49
- patches
- udhcp 0.9.8
- wireless_tools 29
- dbus-1.6.18
- EPSON original drivers
- Stonestreet One Drivers

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Version 2, June 1991

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Version 2.1, February 1999

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