EPSON

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PowerLite® EB-L520W User's Guide

Contents

PowerLite® EB-L520W User's Guide

Welcome to the PowerLite EB-L520W *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

The PowerLite EB-L520W projector includes these special features:

Bright, high-resolution projection system

• Up to 5200 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.

• Native resolution of 1280 × 800 pixels (WXGA)

Flexible connectivity

• Wired and wireless (optional) network support for projection, monitoring, and control via remote network computer

• Projection from iOS or Android devices with free Epson iProjection app

• Two HDMI ports for multiple high-definition input devices

• Variety of connection methods to computer or video devices including HDMI and HDBaseT

• Ports for connecting an external monitor and external speakers

Easy-to-use setup and operation features

• Epson's quick-connect on-screen QR code feature for easy wireless setup

• Project images side by side from two separate input sources

• Epson's Instant Off and Direct Power On features for quick setup and shut down

• Support for Crestron Connected network monitoring systems

- Network message broadcast system to project timely messages to all networked projectors (Windows only)

Parent topic: Introduction to Your Projector

Related concepts

Projector Connections

Related tasks

Using a QR Code to Connect a Mobile Device
Projecting Two Images Simultaneously
Setting Up Crestron Connected

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:
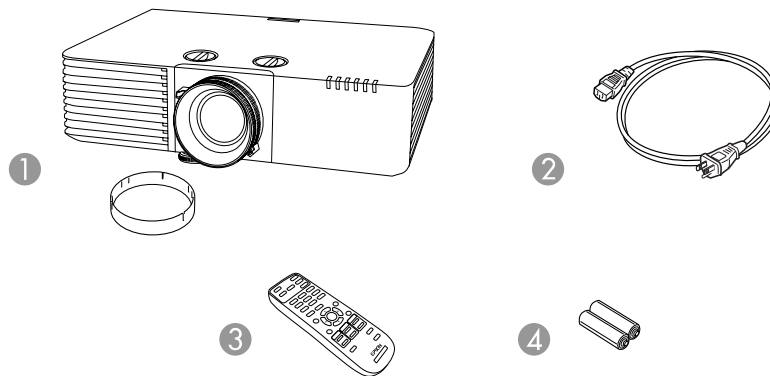
1	Projector with lens cap
2	Power cord
3	Remote control
4	Remote control batteries (two AA alkaline)

Parent topic: Projector Features

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 or adapter Available for purchase from Epson or an authorized Epson reseller.
HDMI	Compatible HDMI cable Available for purchase from Epson or an authorized Epson reseller. **Note:** Older Mac computers (2009 and earlier) may not support HDMI audio.
Audio from certain ports	Commercially available audio cable compatible with your device
VGA	To connect a computer through its VGA port to the projector's VGA video port, you need a VGA computer cable.
USB	Compatible USB cable
HDBaseT	Compatible 100Base-TX LAN cable

Parent topic:

Related references

Additional Projector Software and Manuals

After connecting and setting up the projector, install the projector software as necessary. You may need to install it from a software CD, if included, 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 (U.S. and Canada only). For details, see "Where to Get Help."

Projector software	Manual	Description
Epson Projector Management (Windows only)	*Epson Projector Management 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.
Epson iProjection (Windows/Mac)	*Epson iProjection Operation Guide (Windows/Mac)*	Lets you project the computer screens of users over a network. You can download the latest software and documentation from the Epson web site.
Epson iProjection app	Instructions are included with the app	Lets you project from an iOS device, Android device, or Chromebook if your projector is connected to a network that includes a wireless access point. Visit epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Caribbean) for more information.
—	*Open Source Software License*	You can download this document from the Epson web site.

Projector software	Manual	Description
Epson Projector Content Manager	*Epson Projector Content Manager Operation Guide*	You can download the latest software and documentation from the Epson web site. Go to epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Caribbean) and select your projector.
Epson Creative Projection (iOS only)	Instructions are included with the app (instructions included with the app available only in English)	Lets you create custom content using built-in templates and stamps, and wirelessly transfer it to the projector if it is connected to a network that includes a wireless access point. You can download the latest software and documentation from the Apple App Store.

Note: Epson iProjection is not recommended for use with streaming video.

Parent topic: Projector Features

Related references

Where to Get Help (U.S. and Canada)

Where to Get Help (Latin America)

Optional Equipment and Replacement Parts (U.S. and Canada)

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) in the U.S. or 800-807-7766 in Canada. Or you can purchase online at epsonstore.com (U.S. sales) or epsonstore.ca (Canadian sales).

Epson offers the following optional accessories and replacement parts for your projector:

Option or part	Part number
Replacement air filter (ELPAF56)	V13H134A56
Wireless LAN module (ELPAP11)	V12H731P02
HDBaseT transmitter (ELPHD01)	V12H547020
Safety wire (ELPWR01)	V12H003W01
External speakers (ELPSP02)	V12H467020
Epson DC-07 document camera (ELPDC07)	V12H759020

Option or part	Part number
Epson DC-13 document camera (ELPDC13)	V12H757020
Epson DC-21 document camera (ELPDC21)	V12H758020
Universal mount (ELPMBPJG)	V12H808001
Custom Micro-Adjustable Projector Mount (ELPMBPRH)	V12H809001

In addition to the accessories listed above, 1-year and 2-year extended service plans are available.

Parent topic: Projector Features

Related references

Where to Get Help (U.S. and Canada)

Optional Equipment and Replacement Parts (Latin America)

You can purchase optional accessories and replacement parts from an Epson authorized reseller. To find the nearest reseller, go to Or you can contact your nearest sales office as described in "Where to Get Help".

Note: Availability of accessories varies by country.

Epson offers the following optional accessories and replacement parts for your projector:

Option or part	Part number
Replacement air filter (ELPAF56)	V13H134A56
Wireless LAN module (ELPAP11)	V12H731P02
HDBaseT transmitter (ELPHD01)	V12H547020
Safety wire (ELPWR01)	V12H003W01

Parent topic: Projector Features

Related references
Where to Get Help (Latin America)

Warranty and Registration Information (U.S. and Canada)

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

Register your product online at this site: epson.com/webreg

Registering also lets you receive special updates on new accessories, products, and services.

Parent topic: Projector Features

Warranty and Registration Information (Latin America)

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

Register your product online at latin.epson.com/support, search for your product, and select **Register**.

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:

• epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Caribbean)

  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

Related references

Where to Get Help (U.S. and Canada)

Where to Get Help (Latin America)

Projector Part Locations

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

Parent topic: Introduction to Your Projector

Projector Parts - Front/Top
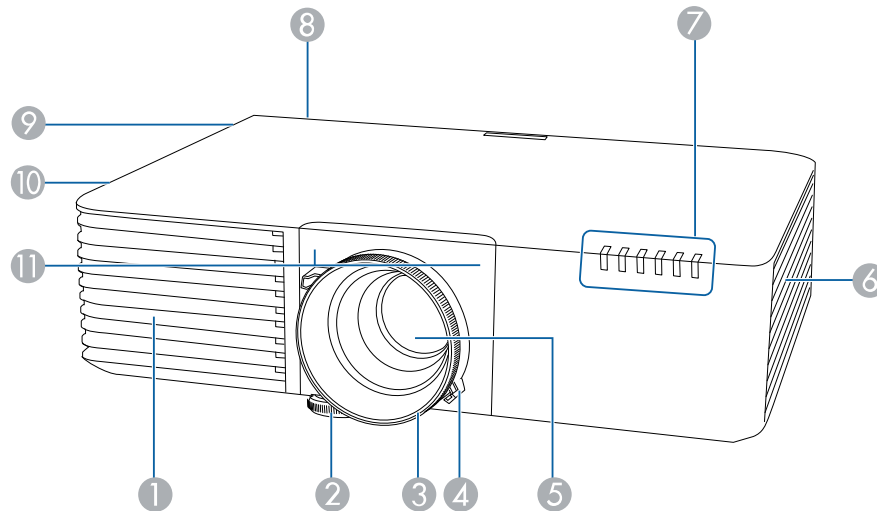
1	Air intake vent
2	Front adjustable foot
3	Focus ring
4	Zoom ring
5	Projection lens

6   Air intake vent (air filter)

7   Status lights

8   Remote receiver

9   Speaker

10   Air exhaust vent

11   Remote receiver

Parent topic: Projector Part Locations

Related references
Projector Light Status

Projector Parts - Rear
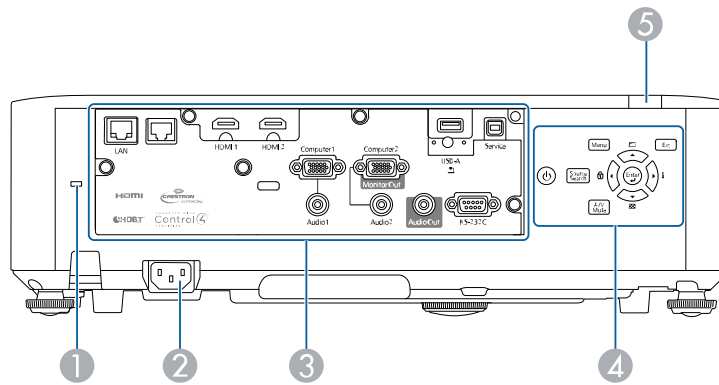
1   Kensington security slot

2   AC inlet

3   Interface ports

4   Control panel

5   Remote receiver

Parent topic: Projector Part Locations

Projector Parts - Interface Ports
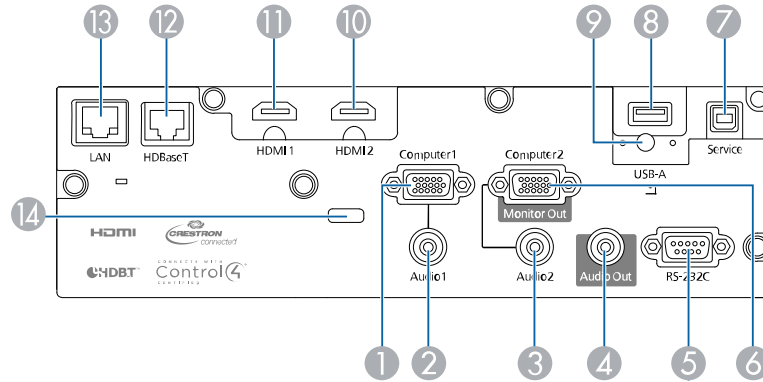
1	**Computer1** port
2	**Audio1** port
3	**Audio2** port
4	**Audio Out** port
5	**RS-232C** port
6	**Computer2/Monitor Out** port
7	**Service** port
8	**USB-A** port
9	Wireless LAN module cover screw
10	**HDMI2** port
11	**HDMI1** port
12	**HDBaseT** port
13	Network **LAN** port
14	Cable holder

Parent topic: Projector Part Locations

Projector Parts - Base
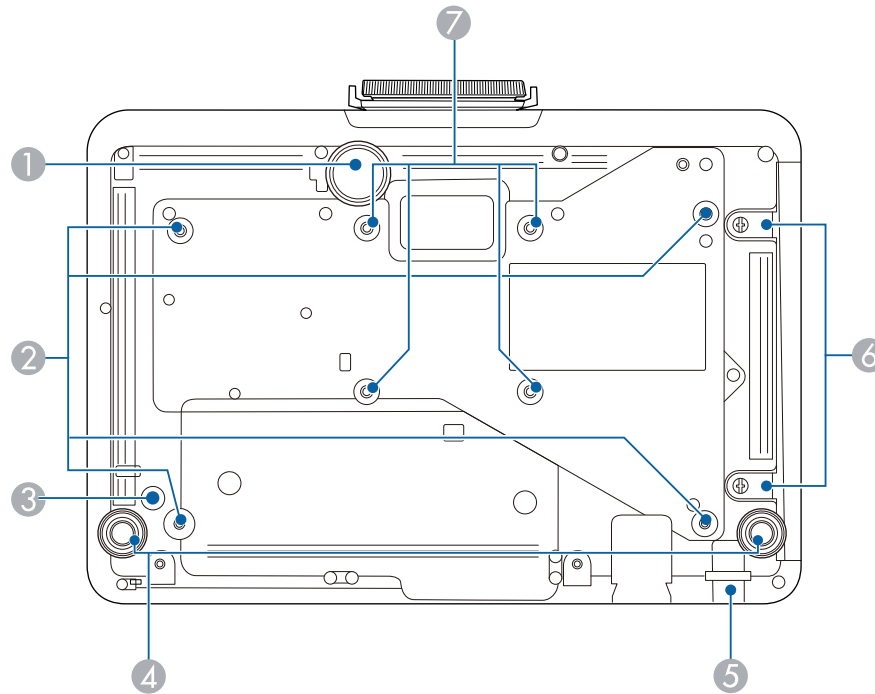
1   Front adjustable foot

2   Ceiling mount attachment points (4)

3   Safety wire carabiner attachment point

4   Rear feet

5   Security cable attachment point

   Note: Do not attach the optional safety wire to this point.

6   Air filter cover screws (2)

7   VESA-compliant mount attachment points (4)

Parent topic: Projector Part Locations

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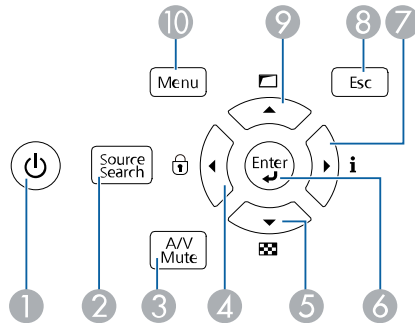
1	Power button (turns on the projector)	
2	**Source Search** button (searches for connected sources)	
3	**A/V Mute** button (turns the video and audio on or off)	
4	Left arrow button and displays the Control Panel Lock screen	
5	Down arrow button and displays a test pattern	
6	**Enter** button (selects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

Parent topic: Projector Part Locations

Projector Parts - Remote Control
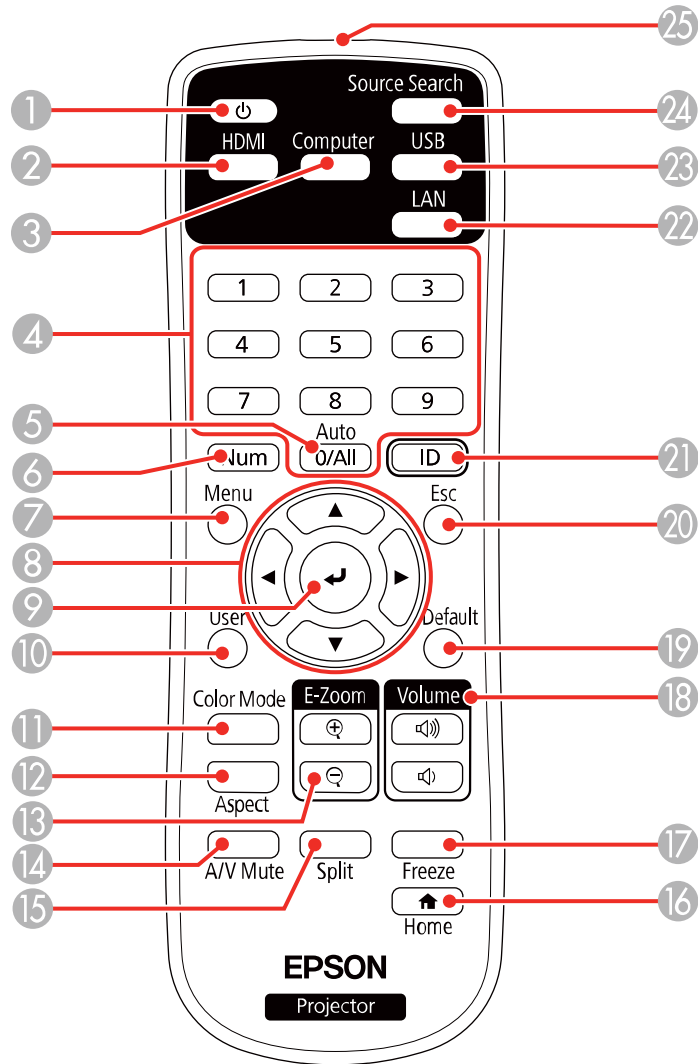
1   Power button

2   **HDMI** button (cycles through connected HDMI sources)

3   **Computer** button

4   Numeric buttons

5   **Auto** button (automatically adjusts position, tracking, and sync settings)

6   **Num** button (when held down, switches numeric buttons to number function)

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

8   Arrow buttons (move through on-screen options)

9   ↵ Enter button (selects options)

10   **User** button (customizable for different functions)

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

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

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

14   **A/V Mute** button (turns off picture and sound)

15   **Split** button (splits the screen between two image sources)

16   🏠 **Home** button (accesses projector Home screen)

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

18   **Volume** up/down buttons (adjust speaker volume)

19   **Default** button (resets the selected setting to its default value)

20   **Esc** button (cancels/exits functions and controls wireless mouse functions)

21   **ID** button (selects a projector to use with the remote control)

22   **LAN** button (connects to a network source)

23   **USB** button (cycles through connected USB sources)

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

25   Remote control emitter

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

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.

There is no vertical or horizontal limit to how the projector can be installed.

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.

• Place the projector parallel to the screen.

• 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

Related references

Important Safety Instructions

Projector Setup and Installation Options

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

Front
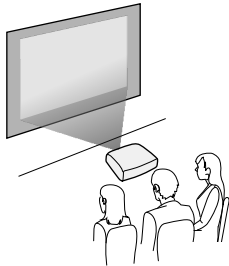
Rear
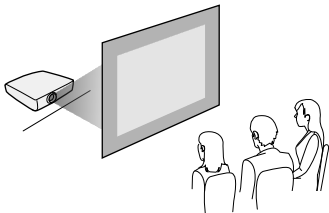
Front ceiling
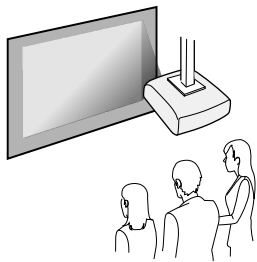
Rear ceiling
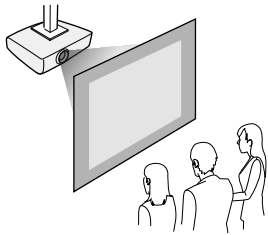
Note: Be sure to leave the following amount of space around the projector to avoid blocking the air exhaust and intake vents.
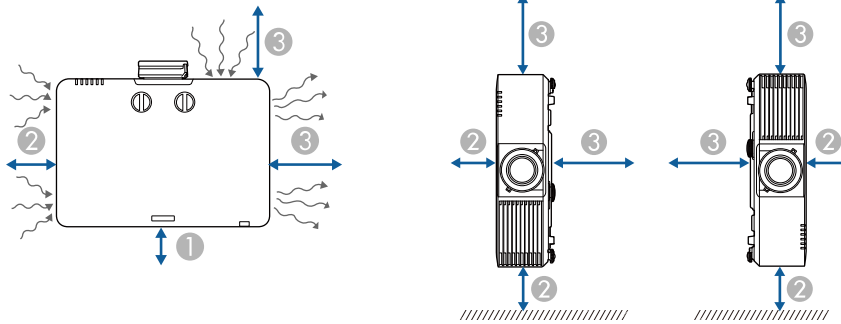
1   3.94 inches (10 cm)

2   7.87 inches (20 cm)

3   15.75 inches (40 cm)

Note: When setting up multiple projectors, be sure to leave the following amount of space between the projectors.

Without a partition
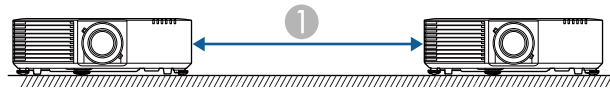
1 59.05 inches (150 cm)

With a partition
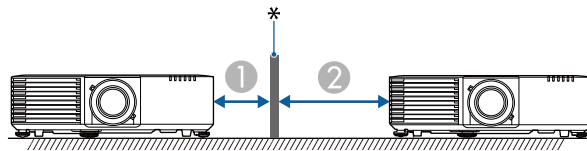
* Partition

1 7.87 inches (20 cm)

2 15.75 inches (40 cm)

If you project from the ceiling or from the rear, be sure to select the correct **Projection** setting in the Extended menu. If necessary, enable the **Inv Direction Button** setting in the Extended > Operation > Advanced menu and adjust the **OSD Rotation** setting in the Extended > Display menu.

Parent topic: Projector Placement

Related references

Projector Setup Settings - Extended Menu

Important Safety Instructions

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 Projection Distance Calculator here (U.S.), here (Canada), or here (Caribbean).
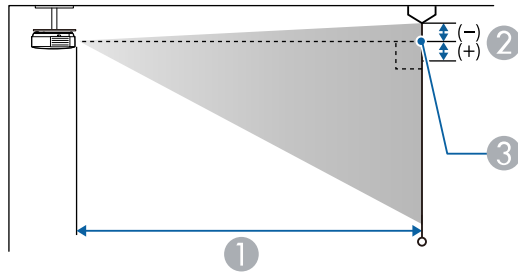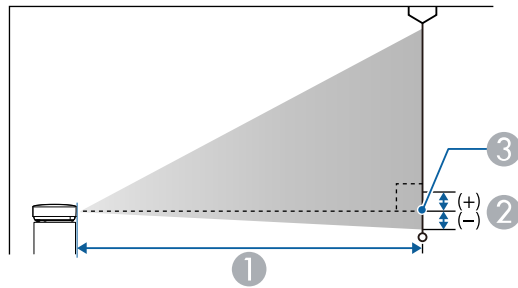
1   Projection distance

2   Distance from the center of the lens to the base of the screen

3   Center of lens

16:10 Aspect Ratio Image or Screen		
Screen or image size	Projection distance (1) Wide to Tele	Distance from center of lens to base of screen (2)
29 inches	33 to 55 inches (85 to 140 cm)	0.4 to 15 inches (1 to 38 cm)
40 inches	47 to 76 inches (118 to 193 cm)	0.5 to 20.7 inches (1 to 53 cm)

16:10 Aspect Ratio Image or Screen

Screen or image size	Projection distance (1) Wide to Tele	Distance from center of lens to base of screen (2)
50 inches	58 to 95 inches (149 to 243 cm)	0.7 to 25.8 inches (2 to 66 cm)
60 inches	70 to 115 inches (179 to 292 cm)	0.8 to 31 inches (2 to 79 cm)
80 inches	94 to 153 inches (239 to 390 cm)	1.1 to 41.3 inches (3 to 105 cm)
100 inches	118 to 192 inches (300 to 488 cm)	1.3 to 51.7 inches (3 to 131 cm)
150 inches	178 to 289 inches (451 to 733 cm)	2.0 to 77.5 inches (5 to 197 cm)
200 inches	237 to 385 inches (603 to 979 cm)	2.6 to 103.3 inches (7 to 263 cm)
250 inches	297 to 482 inches (754 to 1224 cm)	3.3 to 129.2 inches (8 to 328 cm)
280 inches	333 to 540 inches (845 to 1371 cm)	3.7 to 144.7 inches (9 to 368 cm)

4:3 Aspect Ratio Image or Screen

Screen or image size	Projection distance (1) Wide to Tele	Distance from center of lens to base of screen (2)
25 inches	33 to 54 inches (83 to 136 cm)	0,4 to 14.6 inches (1 to 37 cm)
30 inches	39 to 65 inches (100 to 164 cm)	0.5 to 17.6 inches (1 to 45 cm)

4:3 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele**	**Distance from center of lens to base of screen (2)**
40 inches	53 to 86 inches (134 to 219 cm)	0.6 to 23.4 inches (2 to 59 cm)
50 inches	66 to 108 inches (169 to 275 cm)	0.8 to 29.3 inches (2 to 74 cm)
60 inches	80 to 130 inches (203 to 331 cm)	0.9 to 35.1 inches (2 to 89 cm)
80 inches	107 to 174 inches (271 to 442 cm)	1.2 to 46.8 inches (3 to 119 cm)
100 inches	134 to 218 inches (340 to 553 cm)	1.5 to 58.5 inches (4 to 149 cm)
120 inches	161 to 261 inches (408 to 664 cm)	1.8 to 70.2 inches (5 to 178 cm)
150 inches	201 to 327 inches (511 to 831 cm)	2.3 to 87.8 inches (6 to 223 cm)
200 inches	269 to 436 inches (682 to 1108 cm)	3.0 to 117 inches (8 to 297 cm)
250 inches	336 to 546 inches (854 to 1386 cm)	3.8 to 146.3 inches (10 to 371 cm)

16:9 Aspect Ratio Image or Screen		
Screen or image size	**Projection distance (1)** **Wide to Tele**	**Distance from center of lens to base of screen (2)**
28 inches	33 to 55 inches (84 to 138 cm)	0.4 to 14.1 inches (1 to 31 cm)

16:9 Aspect Ratio Image or Screen		
Screen or image size	Projection distance (1) Wide to Tele	Distance from center of lens to base of screen (2)
30 inches	36 to 58 inches (91 to 149 cm)	0.4 to 15.1 inches (1 to 38 cm)
40 inches	48 to 78 inches (122 to 199 cm)	0.5 to 20.2 inches (1 to 51 cm)
50 inches	60 to 98 inches (153 to 249 cm)	0.7 to 25.2 inches (2 to 64 cm)
60 inches	72 to 118 inches (184 to 300 cm)	0.8 to 30.2 inches (2 to 77 cm)
80 inches	97 to 158 inches (246 to 401 cm)	1.1 to 40.3 inches (3 to 102 cm)
100 inches	121 to 197 inches (308 to 502 cm)	1.4 to 50.4 inches (3 to 128 cm)
150 inches	183 to 297 inches (464 to 754 cm)	2.0 to 75.6 inches (5 to 192 cm)
200 inches	244 to 396 inches (619 to 1006 cm)	2.7 to 100.8 inches (7 to 256 cm)
250 inches	305 to 495 inches (775 to 1258 cm)	3.4 to 126.0 inches (9 to 320 cm)
275 inches	336 to 545 inches (853 to 1384 cm)	3.7 to 138.6 inches (10 to 352 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.

Caution: Check the shape and orientation of the connectors on any cable you plan to connect. Do not force a connector into a port if it does not fit. The device or your projector could be damaged or could malfunction.

Connecting to Computer Sources

Connecting to Video Sources

Connecting to a USB Device

Connecting to a Document Camera

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

Connecting to Computer Sources

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

Connecting to a Computer for VGA Video and Audio

Connecting to a Computer for HDMI Video and Audio

Connecting to a Computer for Sound

Parent topic: Projector Connections

Connecting to a Computer for VGA Video and Audio

You can connect the projector to your computer using a VGA computer cable. You can play sound through the projector's speaker system by connecting a commercially available 3.5 mm stereo mini-jack audio 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.
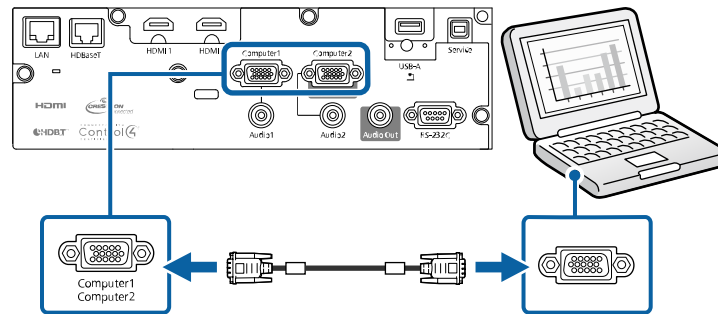
Note: If you choose the **Computer2** port, you may need to change the **Monitor Out Port** setting in the projector's Extended menu.

4. Tighten the screws on the VGA connector.

5. Connect an audio cable to your laptop's headphone or audio out jack, or your desktop's speaker or audio out port.

6. Connect the other end to the **Audio** port that corresponds to the **Computer** port you are using.

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.
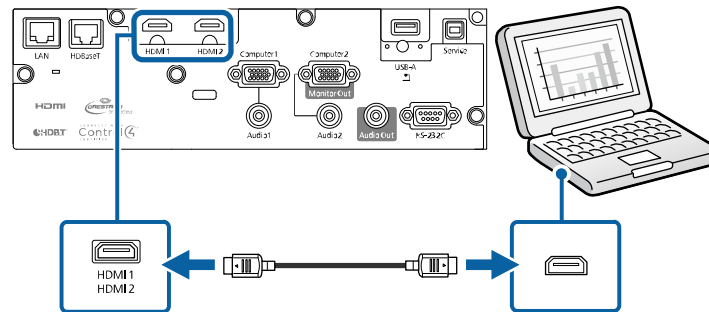
2. Connect the other end to one of the projector's HDMI ports.

Note: If you have problems hearing audio through the HDMI connection, you can use one of the projector's audio ports instead to play sound. Connect one end of an optional 3.5 mm stereo mini-jack audio cable to one of the projector's audio ports and the other end to your computer's audio out port. Then select the audio port you connected to as the **HDMI1 Audio Output** or **HDMI2 Audio Output** setting in the Extended menu.

Parent topic: Connecting to Computer Sources

Related references

Projector Setup Settings - Extended Menu

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.

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

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.

Caution: Do not turn on the video source before connecting it to the projector. Doing so could damage the projector.

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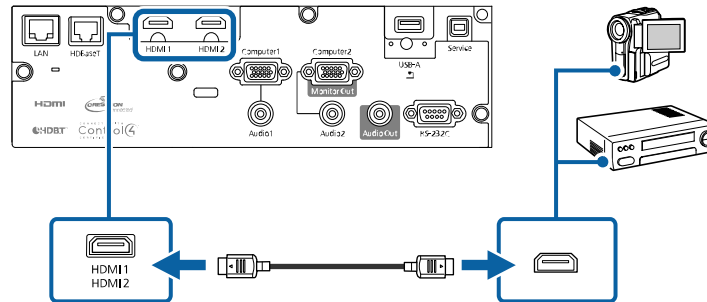
2. Connect the other end to one of the projector's **HDMI** ports.

Note: If you have problems hearing audio through the HDMI connection, you can use one of the projector's audio ports instead to play sound. Connect one end of an optional 3.5 mm stereo mini-jack audio cable to one of the projector's audio ports and the other end to your video source's audio out port. Then select the audio port you connected to as the **HDMI1 Audio Output** or **HDMI2 Audio Output** setting in the Extended menu.

Parent topic: Connecting to Video Sources

Related references
Projector Setup Settings - Extended Menu

Connecting to a USB Device

You can connect a USB device or cable to the projector's USB-A port to project images from the device. Use the USB cable supplied with the device.

Note: Do not connect a USB hub or a USB cable longer than 9.8 feet (3 m), or the device may not operate correctly.

Make sure the USB device meets the following requirements:

• The device must be a USB flash drive, USB hard drive, or a digital camera or smartphone

• Digital cameras and smartphones must be USB-mounted devices (not TWAIN-compliant) and must be USB Mass Storage Class compliant.

• USB hard drives must be USB Mass Storage Class compliant (not all compliant devices are supported); formatted in FAT16/32; self-powered by their own AC power supplies (bus powered drives are not recommended); and should not have multiple partitions.

1. If your USB device came with an AC adapter, plug the device into an electrical outlet.

2. Connect the USB device or cable to the projector's **USB-A** port.
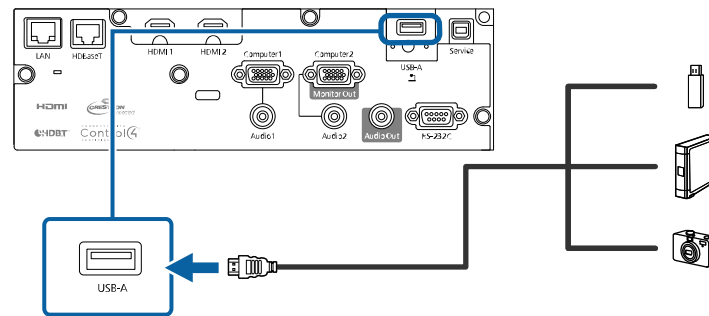
3. If you connected a USB cable, connect the other end to the USB device as necessary.

The projector displays images stored on the USB device.

If you turned on the **Content Playback** setting in the Settings menu, you can only view images that have been added to a playlist created in Epson Projector Content Manager.

Parent topic: Projector Connections

Related references

Projector Feature Settings - Settings Menu

Connecting to a Document Camera

You can connect a document camera to your projector to project images from the camera.

Note: The connection method varies depending on your document camera model. For additional features supported by software, connect your document camera to your computer using the camera's

USB port instead of connecting the camera to the projector. See the document camera manual for details.

Parent topic: Projector Connections

Related references

Optional Equipment and Replacement Parts (U.S. and Canada)

Optional Equipment and Replacement Parts (Latin America)

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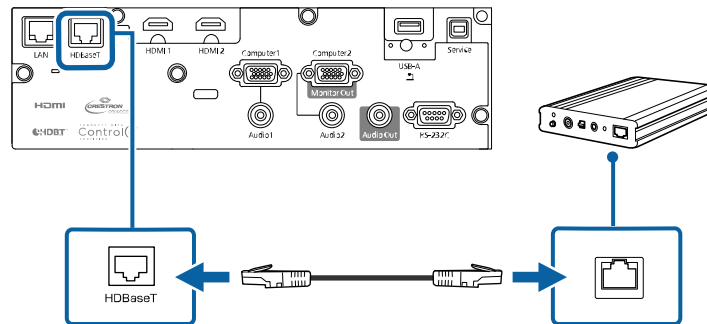
Note: See the documentation that came with the HDBaseT transmitter for instructions on connecting it to your video device or computer.

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** and **RS-232C** 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

Connecting to an External Computer Monitor

If you connected a computer to the projector's **Computer** 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.

To output images to an external VGA monitor, set the **Monitor Out Port** setting to **Monitor Out** in the projector's Extended menu.

If you want to output images to an external monitor when the projector is turned off, you need to select **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 **Computer1** port. If there are two computer ports, make sure you use the **Computer1** port.

2. Connect the external monitor's cable to your projector's **Monitor Out** port.
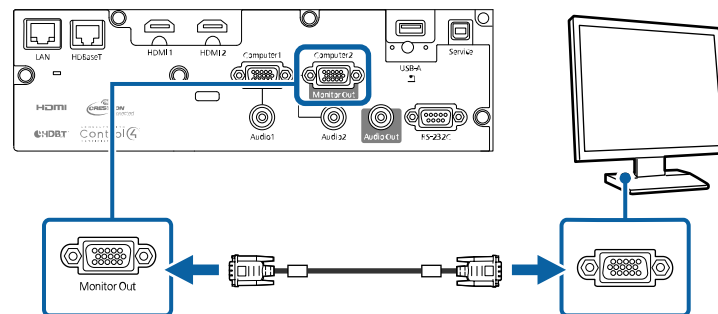
Note: You can only output analog RGB signals from the Computer1 port to an external monitor. You cannot output signals from other ports.

Parent topic: Projector Connections

Related references
Projector Setup Settings - Extended Menu

Connecting to External Speakers

You can connect the projector to external self-powered speakers and 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 **Always On** as 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.
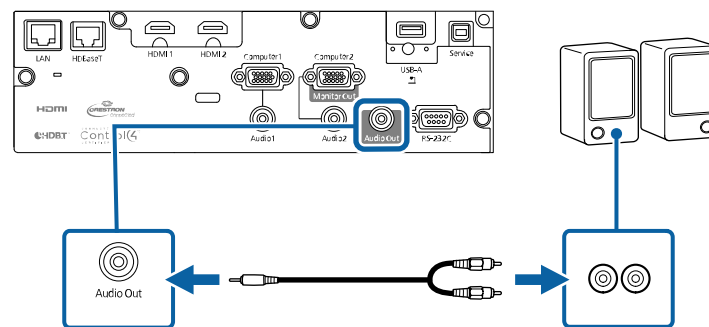
Parent topic: Projector Connections

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.
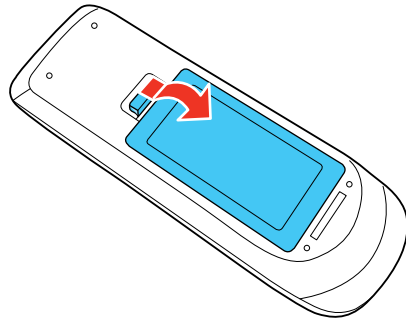
2. Insert the batteries with the **+** and **–** ends facing as shown.
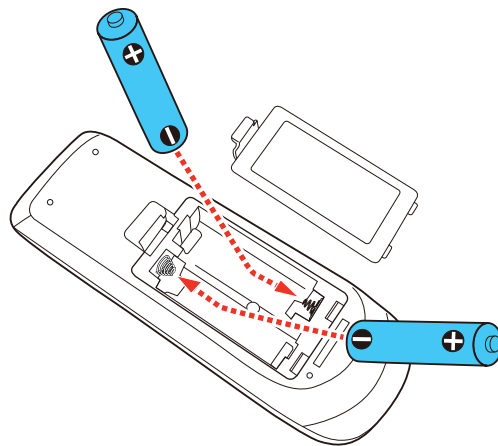
Warning: Make sure the batteries are inserted in the correct positions. If the batteries are not inserted correctly, they could explode or leak, causing a fire, injury, or damage to the product.

3. Replace the battery cover and press it down until it clicks into place.
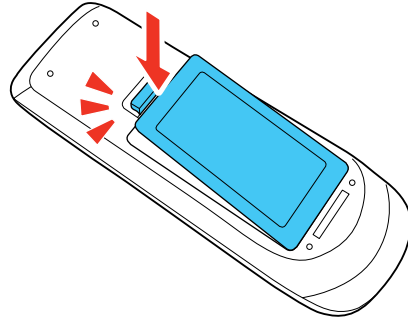
Warning: Dispose of used batteries according to local regulations. Do not expose batteries to heat or flame. Keep batteries out of the reach of children; they are choking hazards and are very dangerous if swallowed.

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.

Note: Epson iProjection is not recommended for use with streaming video.

Wired Network Projection

You can project through a wired network. To do this, you connect the projector to your network with an Ethernet cable, and then set up your projector and computer for network projection.

You can use Epson iProjection to project static images and presentations over a wired network.

Note: Epson iProjection is not recommended for use with streaming video.

After connecting and setting up the projector, install the projector software. You may need to install it from a software CD, if included, or download the software and manuals as necessary.

Note: If your projector is connected via a LAN (Ethernet) 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.

Parent topic: Using the Projector on a Network

Connecting to a Wired Network

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

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.
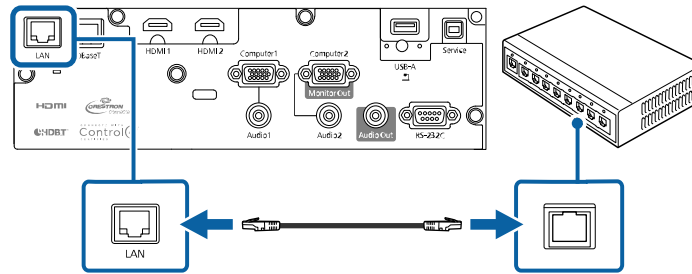
Parent topic:

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**.

```
┌─────────┐  ┌──────────────────────────────────────────────────┐
│ Image   │  │                              ╭ Return ↵ ╮          │
├─────────┤  │  Wireless LAN Power          Off                   │
│ Signal  │  │  Net. Info. – Wireless LAN                         │
├─────────┤  │  Net. Info. – Wired LAN                            │
│ Settings│  │  Display the QR Code                               │
├─────────┤  │  Network Configuration                             │
│ Extended│  │                                                    │
├─────────┤  │                                                    │
│ Network ↵│  │                                                   │
├─────────┤  │                                                    │
│ Info    │  │                                                    │
├─────────┤  │                                                    │
│ Reset   │  │                                                    │
└─────────┘  └──────────────────────────────────────────────────┘
```

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

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

```
┌──────────────┐ ┌──────────────────────────────────────────────┐
│ Basic    ↵   │ │                            ╭ Return ↵ ╮        │
├──────────────┤ │  Projector Name                                │
│ Wireless LAN │ │  PJLink Password                               │
├──────────────┤ │  Remote Password                               │
│ Wired LAN    │ │  Web Control Password                          │
├──────────────┤ │  Moderator Password                            │
│ Notifications│ │  Projector Keyword       Off                   │
├──────────────┤ │  Display Keyword         Off                   │
│ Others       │ │  Display LAN Info.       Text & QR Co...       │
├──────────────┤ │                                                │
│ Reset        │ │                                                │
├──────────────┤ │                                                │
│ Complete     │ │                                                │
└──────────────┘ └────────────────────────────────────────────────┘
```

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.

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- **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 the projector over the web.

- **Moderator Password** lets you enter a password up to 4 numbers long for accessing the projector as a moderator with the Epson iProjection (Windows/Mac) software or the Epson iProjection app. (No default password.)

- **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 Epson iProjection (Windows/Mac) software to access the projector.

- **Display Keyword** lets you select whether or not to display a projector keyword on the projected image when using the Epson iProjection (Windows/Mac) 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.

7. Select the **Wired LAN** menu and press **Enter**.
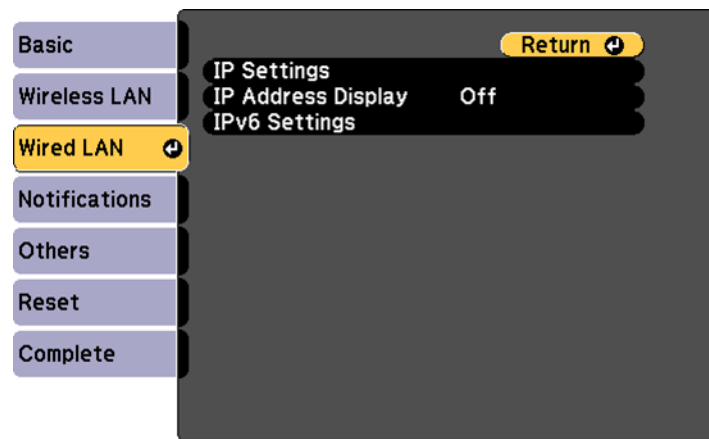
8. If necessary, select **IP Settings** and press **Enter**.

9. 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**.

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

11. To connect the projector to the network using IPv6, select **On** as the **IPv6 Settings** option. Then select the **Auto Configuration** and **Use Temporary Address** settings as necessary.

12. 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

Related references
Projector Network Settings - Network Menu

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:

• Creating a Quick Wireless Connection USB Key (Windows only) using the Epson iProjection software

• Configuring the connection manually using the projector's Network menus

After connecting and setting up the projector, install the projector software. You may need to install it from a software CD, if included, or download the software and manuals as necessary.

You can use Epson iProjection to project static images and presentations over a wireless network.

Note: Epson iProjection is not recommended for use with streaming video.

Installing the Wireless LAN Module

Parent topic: Using the Projector on a Network

Related references

Projector Network Settings - Network Menu

Additional Projector Software and Manuals

Installing the Wireless LAN Module

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

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

Note: The indicator on the wireless LAN module does not operate. See the wireless LAN indicator on the projector to check the wireless LAN status.

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

2. Use a Phillips-head screwdriver to remove the screw securing the wireless LAN module cover, then remove the cover.
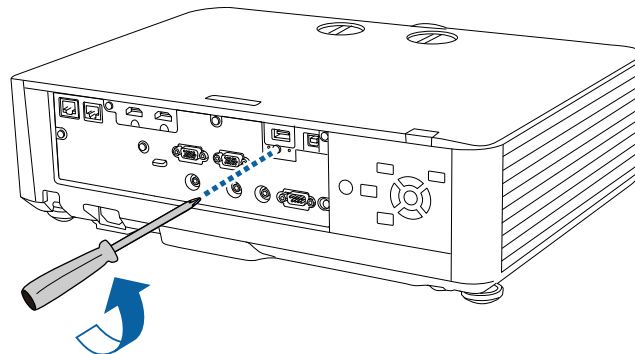
3. Insert the wireless LAN module into the **USB-A** port.
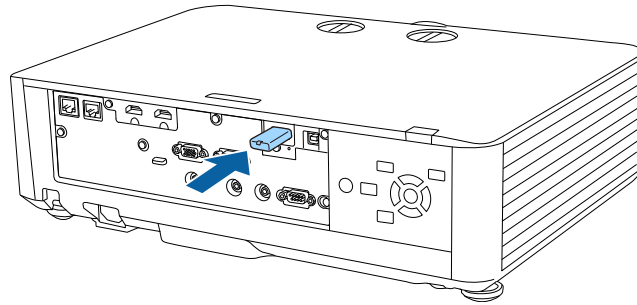
4. Replace the wireless LAN module cover and secure it using the screw you removed.
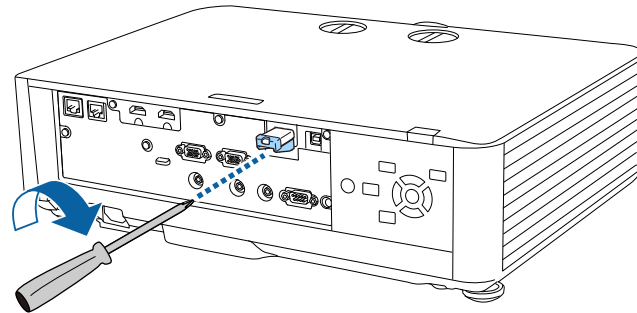
5. Plug in and turn on the projector.

Parent topic: Wireless Network Projection

Related references
Projector Light Status

Using Quick Wireless Connection (Windows)

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

Note: A USB flash drive is not included with your projector.

1. Create a Quick Wireless Connection USB Key with a USB flash drive and the Epson iProjection (Windows/Mac) software.

    Note: See the *Epson iProjection Operation Guide (Windows/Mac)* for instructions.

2. Turn on the projector.

3. Press the **LAN** button on the remote control.

    You see the LAN standby screen.

4. Verify that an SSID and IP address are displayed.

5. Remove the wireless LAN module from the projector's **USB-A** port (if installed) and insert the USB key into the same port.

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

6. Remove the USB key.

7. Reinsert the wireless LAN module into the projector, if necessary

8. Insert the USB key into a USB port on your computer.

    Note: In Windows Vista, if you see the AutoPlay window, select **Run MPPLaunch.exe**, and select **Allow** on the next screen.

9. Follow the on-screen instructions to install the Epson iProjection (Windows/Mac) software.

    Note: If you see a Windows Firewall message, click **Yes** to disable the firewall. You need administrator authority to install the software. If it is not installed automatically, double-click **MPPLaunch.exe** in the USB key.

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

10. Run your presentation as necessary.

11. 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 can share the USB key with other computers without disconnecting your computer. 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.
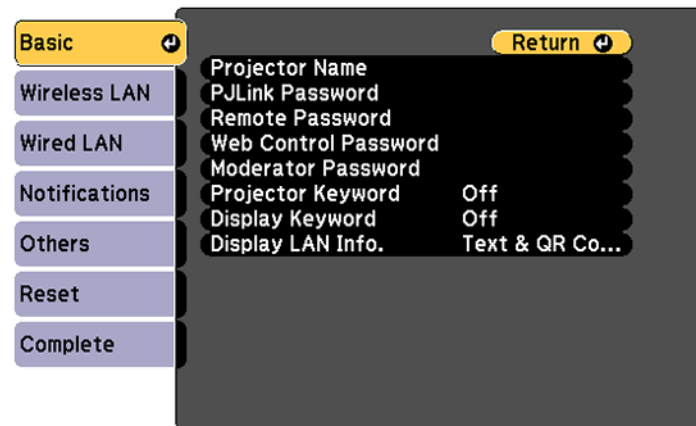
1. Turn on the projector.

2. Press the **Menu** button.

3. Select the **Network** menu and press **Enter**.
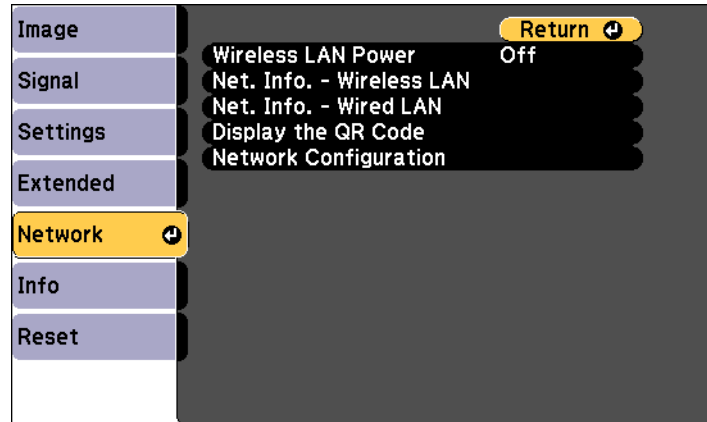
4. Make sure the **Wireless LAN Power** setting is set to **On**.

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

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

| Basic	⊙		Return ⊙
		Projector Name	
Wireless LAN		PJLink Password	
		Remote Password	
Wired LAN		Web Control Password	
		Moderator Password	
Notifications		Projector Keyword	Off
		Display Keyword	Off
Others		Display LAN Info.	Text & QR Co...
Reset			
Complete			
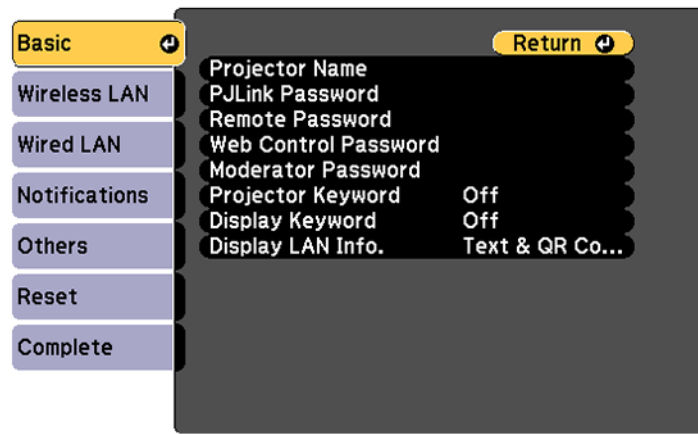
7. Select the following basic options as necessary:

- **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. (Default user name is **EPSONWEB**; default password is **admin**.)

- **Moderator Password** lets you enter a password up to 4 numbers long for accessing the projector as a moderator with the Epson iProjection (Windows/Mac) software or the Epson iProjection app.

- **Projector Keyword** lets you turn on a security password to prevent access to the projector by anyone not in the room with it. The projector displays a random keyword that you must enter from a computer using the Epson iProjection (Windows/Mac) software or an iOS or Android device, or on a Chromebook, using the Epson iProjection app.

- **Display Keyword** lets you display a keyword on the projected image when accessing the projector from a computer using the Epson iProjection (Windows/Mac) software or an iOS or Android device, or on a Chromebook, using the Epson iProjection app.

- **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 with 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**.
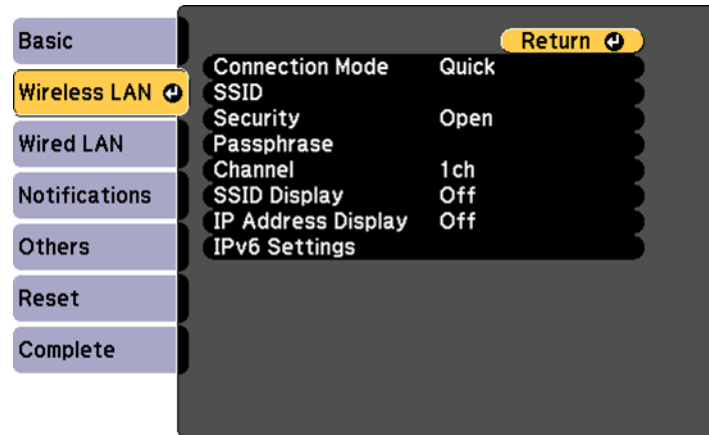
9. Select the settings on the **Wireless LAN** menu as necessary for your network.

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, Chromebook, or iOS or Android device.

Wireless LAN Menu Settings

Parent topic: Wireless Network Projection

Related references

Projector Network Settings - Network Menu

Wireless LAN Menu Settings

Setting	Options	Description
Connection Mode	Quick Advanced	Selects the type of wireless connection: **Quick**: lets you connect to multiple smartphones, tablets, or computers directly **Advanced**: lets you connect to multiple smartphones, tablets, or computers via a wireless network access point
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
Security	Open WPA2-PSK WPA3-PSK WPA2/WPA3-PSK WPA3-EAP WPA2/WPA3-EAP	Selects the type of wireless security used in the wireless network (some options are only available when the **Connection Mode** setting is set to **Advanced**)
Passphrase	Between 8 to 63 alphanumeric characters	Enter a passphrase for the wireless network

Setting	Options	Description
EAP Method	EAP Type User name Password Client Certificate Verify Server Cert. CA certificate RADIUS Serv.Name	Sets the EAP settings for WPA3-EAP and WPA2/WPA3-EAP security
Channel	1ch 6ch 11ch	In **Quick** connection mode, selects the frequency band (channel) used by the wireless LAN
IP Settings	DHCP IP Address Subnet Mask Gateway Address	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** (some options are only available when the **Connection Mode** setting is set to **Advanced**)
SSID Display	On Off	Selects whether to display the SSID on the network standby screen
IP Address Display	On Off	Selects whether to display the IP address on the network standby screen
IPv6 Settings	IPv6 Auto Configuration Use Temporary Address	Selects the IPv6 settings when you connect the projector to the network using IPv6 The Epson Web Control and PJLink functions support IPv6.

Parent topic: Selecting Wireless Network Settings Manually

Selecting Wireless Network Settings in Windows

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

1. To access your wireless utility software, 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

Selecting Wireless Network Settings on Mac

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

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

Setting Up Wireless Network Security

You can set up security for your projector to use on a wireless network. Set up one of the following security options to match the settings used on your network:

- WPA2-PSK (Quick connection mode)
- WPA3-PSK (Advanced connection mode)
- WPA3-EAP (Advanced connection mode)
- WPA2/WPA3-PSK (Advanced connection mode)
- WPA2/WPA3-EAP (Advanced connection mode)

Note: Contact your network administrator for guidance on entering the correct information.

1. If you want to set up WPA3-EAP or WPA2/WPA3-EAP security, make sure your digital certificate file is compatible with projector registration and placed directly on the USB storage device.

2. Press the **Menu** button.

3. Select the **Network** menu and press ↵ **Enter**.

Image	Return ↵
Signal	Wireless LAN Power Off
	Net. Info. - Wireless LAN
	Net. Info. - Wired LAN
Settings	Display the QR Code
	Network Configuration
Extended	
Network ↵	
Info	
Reset	
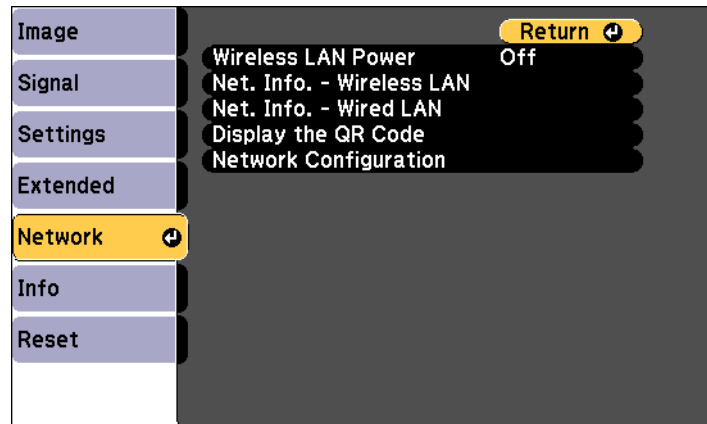
4. Select **Network Configuration** and press **Enter**.

5. Select the **Wireless LAN** menu and press ↵ **Enter**.

6. Set the **Security** setting to match your network settings.

7. Do one of the following depending on the network security setting you selected:

   • **WPA2-PSK**, **WPA3-PSK**, or **WPA2/WPA3-PSK**: Select **Complete** and follow the on-screen instructions to save your settings and exit the menus. Skip the remaining steps.

   • **WPA3-EAP** or **WPA2/WPA3-EAP**: Select **EAP Method** and press ↵ **Enter**.

8. Select your authentication protocol as the **EAP Type** setting.

9. To import your certification, select the certificate type (either **Client Certificate** or **CA certificate**) and press ↵ **Enter**.

   Note: You can also register a digital certificate from your web browser. Make sure to register just once or the certificate may not install correctly.

10. Select **Register** and press ↵ **Enter**.

11. Follow the on-screen instructions to connect a USB storage device to the projector's **USB-A** port.

12. Press ↵ **Enter** to display the certificate list.

13. Select the certificate to import from the displayed list.

    You see a message to enter the certificate password.

14. Enter a password and press ↵ **Enter**.

    You see a completion message after the certificate is imported.

15. Set the following EAP settings as necessary:
    - **User name** lets you enter a user name up to 64 alphanumeric characters long. To enter more than 32 characters, use your web browser.
    - **Password** lets you enter a password up to 64 alphanumeric characters long when using the PEAP or EAP-FAST protocols. To enter more than 32 characters, use your web browser.
    - **Verify Server Cert.** lets you select whether or not to verify the server certificate when a CA certificate has been set.
    - **RADIUS Serv.Name** lets you enter the server name to be verified.

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

Parent topic: Wireless Network Projection

Related tasks

Registering Digital Certificates from a Web Browser

Using a QR Code to Connect a Mobile Device

After you select the wireless network settings for your projector, you can display a QR code on the screen and use it to connect a mobile device using the Epson iProjection app.

Note: Make sure you have installed the latest version of Epson iProjection on your device. Visit epson.com/iprojection (U.S.), epson.ca/iprojection (Canada), or latin.epson.com/iprojection (Caribbean) for more information.

If you are using Epson iProjection in Quick connection mode, it is recommended that you enable wireless security, such as a moderator password.

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

    Your projector displays the QR code on the projection surface.

    Note: If you do not see the QR code after pressing the **LAN** button, press **Enter** to display it.

2. Start Epson iProjection on your mobile device.

3. Use the QR code reader feature to read the QR code and connect your device to the projector. Visit epson.com/iprojection (U.S.), epson.ca/iprojection (Canada), or latin.epson.com/iprojection (Caribbean) for instructions.

If you do not see the QR code, press the **Menu** button on the remote control and select the **Network** > **Network Configuration** > **Basic** > **Display LAN Info.** menu. Set the **Display LAN Info.** setting to **Text & QR Code**.

Parent topic: Wireless Network Projection

Related references

Projector Network Settings - Network Menu

Additional Projector Software and Manuals

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.

Note: If the **Standby Mode** setting is set to **Communication On** in the Extended menu, you can receive e-mail alerts even if the projector is in standby mode (the power is off). The projector must be connected to a wired LAN or a wireless LAN with the **Connection Mode** setting set to **Advanced**.

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**.

Basic	Return ↵
	Mail Notification Off
Wireless LAN	SMTP Server 0. 0. 0. 0
	Port Number 0
Wired LAN	From
	Address 1 Setting
Notifications ↵	Address 2 Setting
	Address 3 Setting
Others	SNMP Off
	Trap IP Address 1 0. 0. 0. 0
Reset	Trap IP Address 2 0. 0. 0. 0
	Community Name
Complete	PJLink Notification Off
	Notified IP Address 0. 0. 0. 0
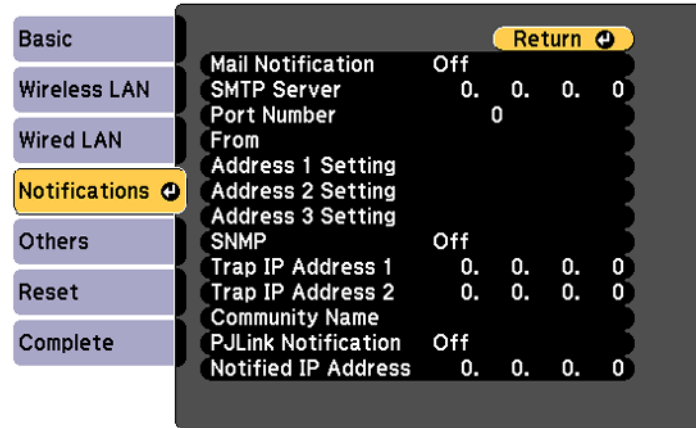
5. Turn on **Mail Notification**.

6. Enter the IP address for the **SMTP Server** setting.

    Note: 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. Enter the sender's email address as the **From** setting.

9. Choose an **Address Setting** field, enter the e-mail address, and select or deselect the alerts you want to receive there. Your e-mail address can be up to 32 alphanumeric characters long. Repeat for up to three addresses.

10. If you are using the PJLink protocol for projector control, turn on the **PJLink Notification** setting and enter the IP address where you want to receive PJLink notifications as the **Notified IP Address** setting.

11. 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

Related references
Projector Setup Settings - Extended Menu

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:

• The email address entered as the **From** setting

• **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

Setting Up Monitoring Using SNMP

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

1. Press the **Menu** button.

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

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

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

5. Turn on the **SNMP** setting.

6. Enter up to two IP addresses to receive SNMP notifications as the **Trap IP Address** setting, using 0 to 255 for each address field.

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

7. Select the **Others** menu and press **Enter**.

Basic		Return ⏎
	Secure HTTP	Off
Wireless LAN	Web Server Cert.	
	Priority Gateway	Wired LAN
Wired LAN	AMX Device Discovery	Off
	Crestron Connected	Off
Notifications	Control4 SDDP	Off
	Message Broadcasting	Off
Others ⏎		
Reset		
Complete		
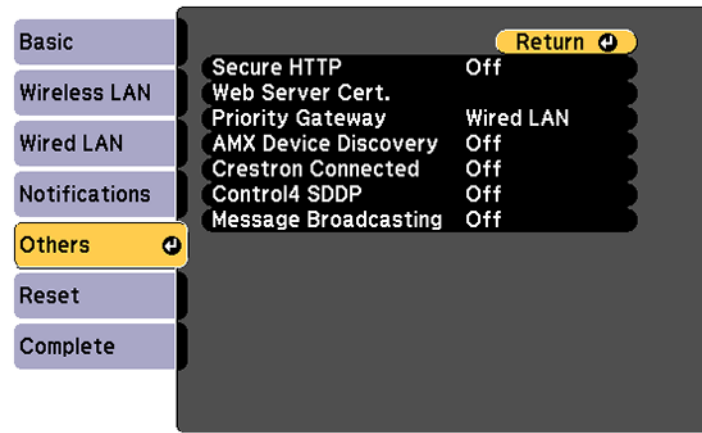
8. If you want to use the Secure HTTP protocol to encrypt communication when using Web Control, turn on the **Secure HTTP** setting and import the web server certificate using the **Web Server Cert.** setting.

9. If available, select the **Priority Gateway** setting for your network.

10. If your network environment uses an AMX controller, turn on the **AMX Device Discovery** setting to allow the projector to be detected.

11. If your network environment uses a Crestron RoomView controller, turn on the **Crestron Connected** setting to allow the projector to be detected.

12. If you are using the projector with a Control 4 Simple Device Discovery Protocol (SDDP) automation system, turn on the **Control4 SDDP** setting.

13. If you want this projector to receive broadcast messages over the network, turn on the **Message Broadcasting** setting. Administrators can broadcast messages over the network using the Epson Projector Management software.

14. 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

Related references
Projector Network Settings - Network Menu

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. You can also control the projector using a web browser through the Epson iProjection app on iOS or Android.

Note: The web setup and control features support Microsoft Internet Explorer 11.0 or later (Windows), Microsoft Edge (Windows), Safari (Mac), and Chrome (Android) 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.

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 to access some of the options on the Web Control screen. If you see a log in window, enter your user name and password. (For the Basic Control option, the default user name is **EPSONREMOTE** and the default password is **guest**. For all other options, the default password is **EPSONWEB** and the default password is **admin**.)

You see the Epson Web Control screen.
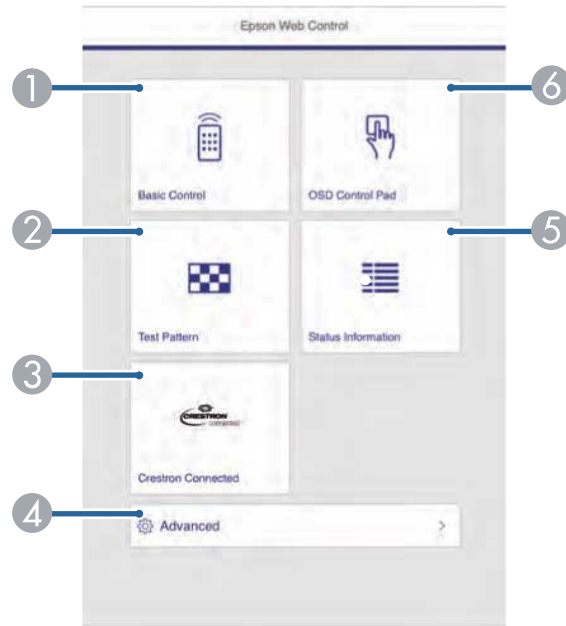
1	Select **Basic Control** to control the projector remotely.
2	Select **Test Pattern** to display a test pattern
3	Select **Crestron Connected** to open the menu
4	Select **Advanced** to open the advanced menu screen.
5	Select **Status Information** to view the projector's status.
6	Select **OSD Control Pad** to change the projector's menu settings.

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

Web Control Options

Parent topic: Using the Projector on a Network

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**).
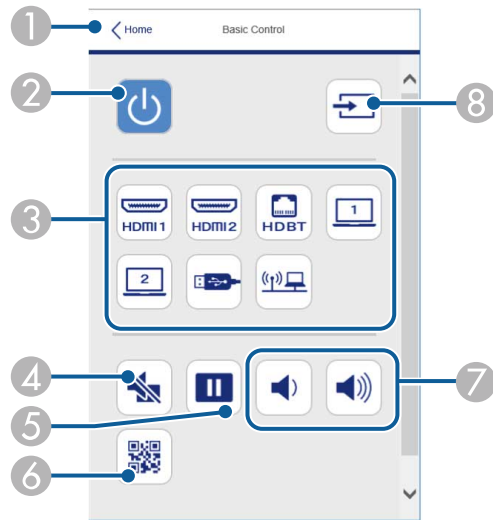
1	Returns to the Home screen
2	Turns the projector on or off
3	Input source selection controls
4	**A/V Mute** button control
5	Pauses or resumes images
6	Displays the QR code
7	**Volume** button controls
8	Searches for sources

OSD Control Pad
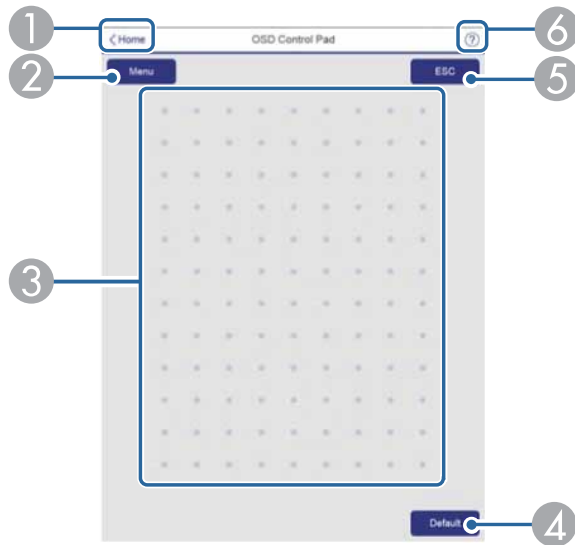
1   Returns to the Epson Web Control screen

2   Displays the projector's setting menus

3   Use your finger or mouse to navigate the menus

4   Returns projector to default settings

5   Returns to the previous menu

6   Displays help topics

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

Test Pattern screen
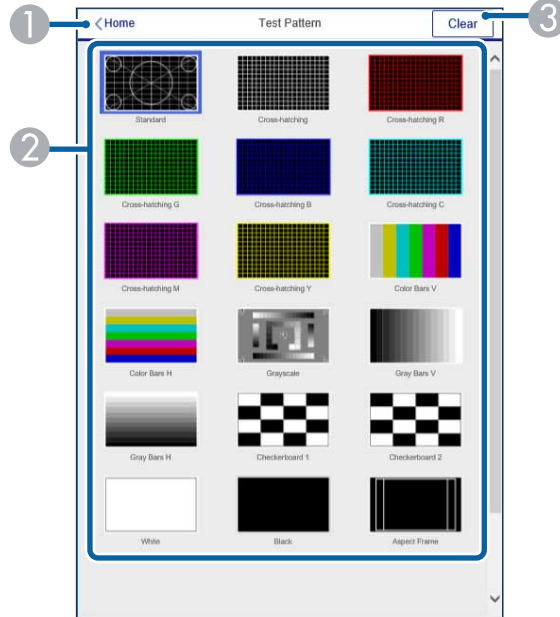
1   Returns to the Home screen

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

3   Turns off test pattern display

Status Information screen
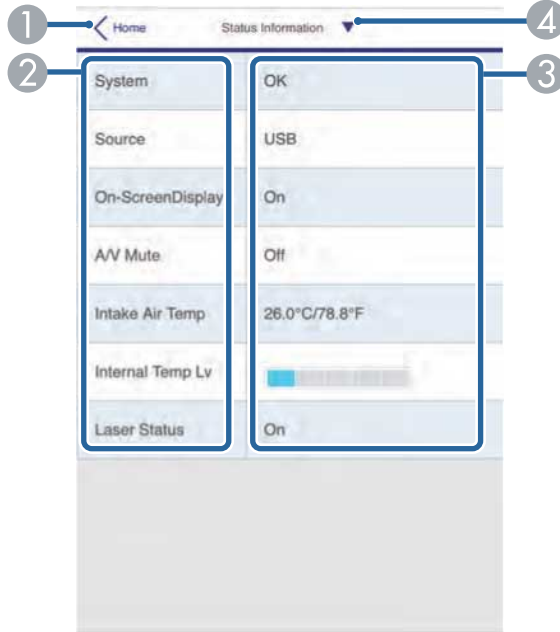
1   Returns to the Home screen

2   Displays a list of monitored settings

3   Displays the setting status

4   Select to view different status information

Advanced

If the default **Web Control Password** is set, a screen prompting you to change the password appears before you can view the **Advanced** screen. It is strongly recommended that you change the password regularly to prevent unauthorized access to your projector.

Note: Not all settings can be changed through Web Control. The following settings can only be set using Web Control:

• Monitor Password (up to 16 alphanumeric characters)

- IPv6 Settings (manual)
- HTTP port (used for Web Control; cannot use 80 [default], 843, 3620, 3621, 3625, 3629, 4352, 4649, 5357, 10000, 10001, or 41794)
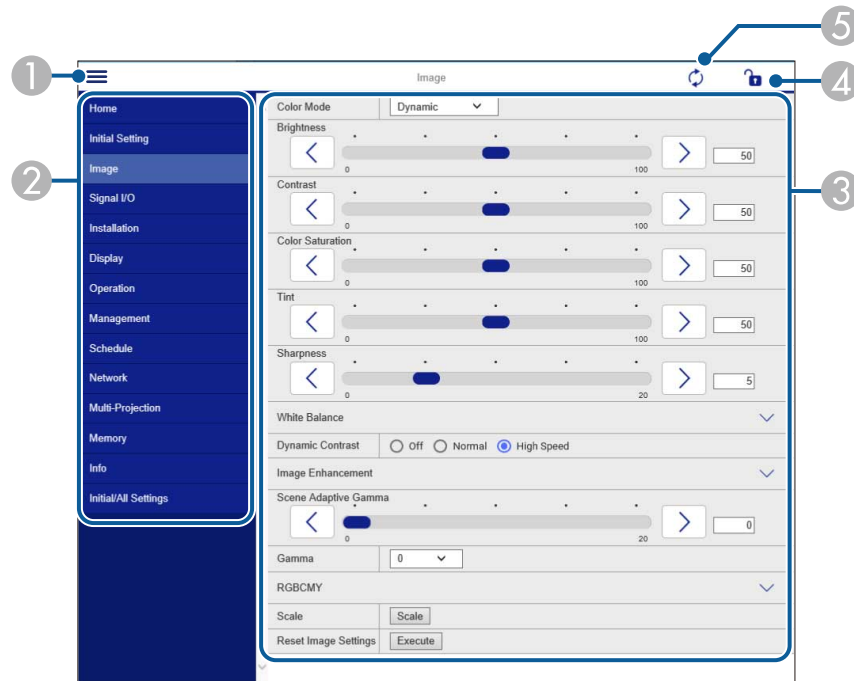
1   Opens the menus

2   Displays the selected menu name

3   Contains the selected projector settings

4   Locks or unlocks the projector settings

5   Updates the projector settings

Parent topic: Controlling a Networked Projector Using a Web Browser

Controlling a Networked Projector in Content Playback Mode

When Content Playback mode is turned on in the Settings menu, you can select projector settings, control projection, and edit playlists using a web browser.

Note: You can also control the projector using a web browser through the Epson iProjection app.

Note: Do not remove any USB device connected to the projector or unplug the power cord when the Playlists or USB Memory Device screen is displayed; data saved on the USB device may be damaged.

1. Make sure the projector is turned on and your computer or device is connected to the same network as the projector.

2. Start your web browser on the computer or device.

3. Type the projector's IP address into the browser's address box and press the computer's **Enter** key.

   You see the Epson Web Control screen.
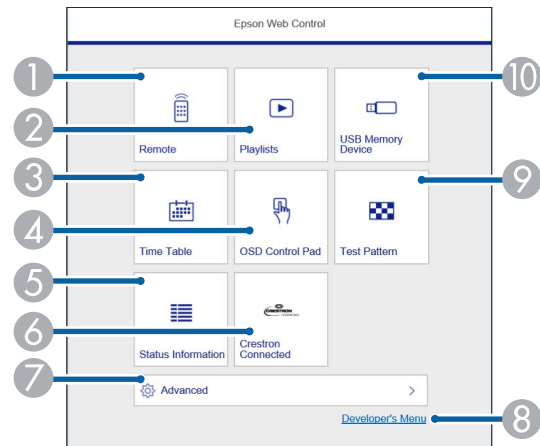
1	Controls the projector remotely
2	Edits playlists for Content Playback mode
3	Opens the Time Table screen
4	Operates the projector's menus with your finger or a mouse
5	Displays the projector's status

6	Opens the Crestron Connected window (available when Crestron Connected is turned on)
7	Opens detailed projector settings
8	Opens the Developer's Menu screen
9	Displays a test pattern
10	Registers or deletes playlist data on the USB device

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

    Note: You may need to log in to access some of the options on 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**.)

Web Control Options in Content Playback Mode

Parent topic: Using the Projector on a Network

Related references
Additional Projector Software and Manuals

Related tasks
Switching to Content Playback Mode
Projecting a Playlist in Content Playback Mode
Creating a Playlist Using Epson Web Control
Adding Effects to the Projected Image
Displaying a Test Pattern

Web Control Options in Content Playback Mode

Remote

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**).
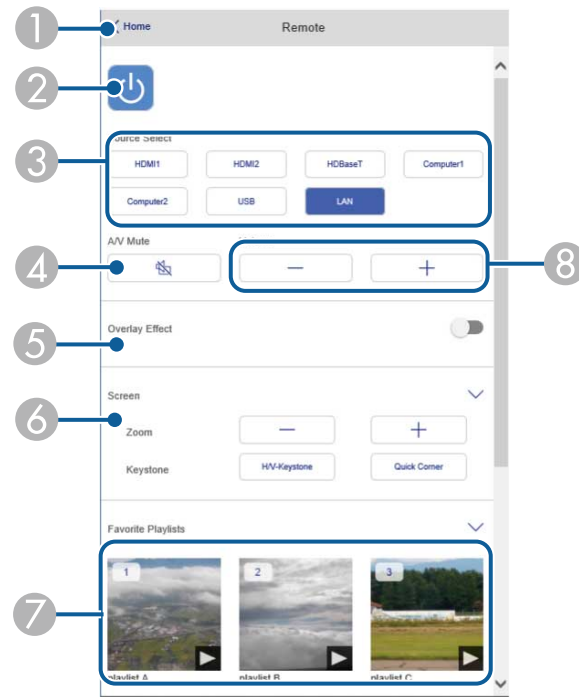
1   Returns to the Epson Web Control screen

2   Turns the projector on or off

3   Selects the input source

4   **A/V Mute** button control

5   Turns **Overlay Effect** on or off

6   Displays the screen settings

| 7 | Selects your favorite playlists |
| 8 | Adjusts the speaker volume |

Playlists
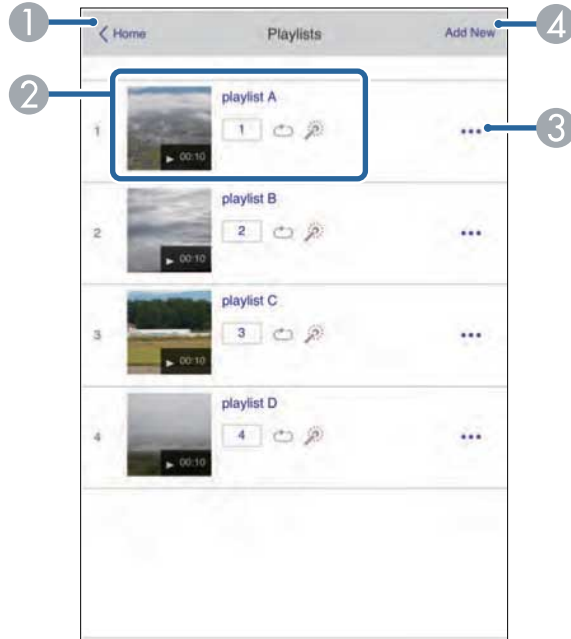
1	Returns to the Epson Web Control screen
2	Controls playback of the playlist
3	Edits, copies, or deletes the playlist
4	Creates a new playlist

Create or Edit Playlist
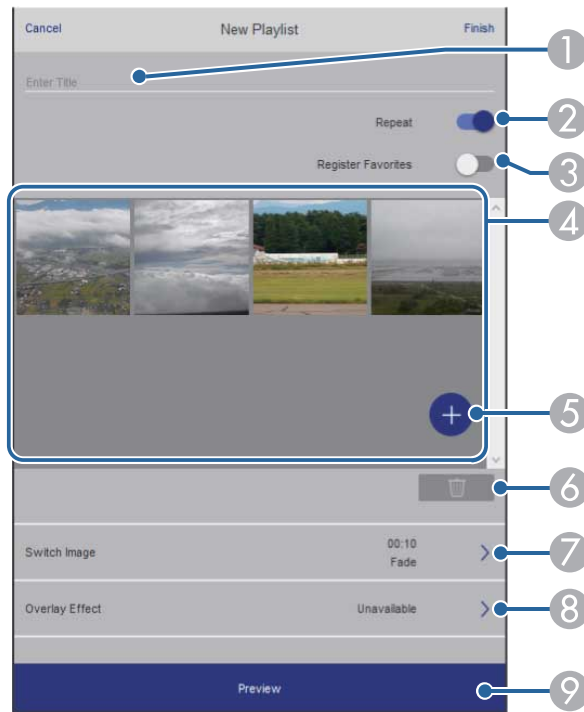
1   Edits the playlist name

2   Enables repeat playback

3   Adds the playlist to your favorites list

4   Displays the images or movies in the order that they will be played

5   Adds items to the playlist

6   Deletes items from the playlist

7   Opens the Switch Image screen (specifies the time before the projector switches to the next item in the playlist)

8   Opens the Effects screen

9   Previews the playlist

USB Memory Device
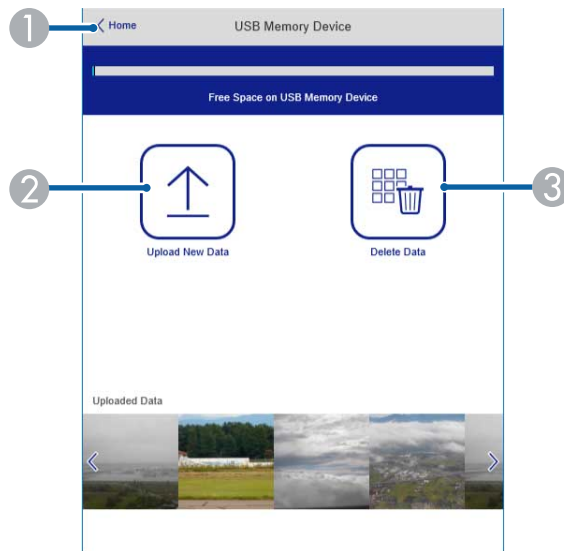
1   Returns to the Epson Web Control screen

2   Uploads images or videos to add to playlists on a USB device

3   Deletes images or videos on the USB device

Note: You can upload .avi, .jpeg (.jpg), .png, .bmp, or .gif files using Epson Web Control. If you want to add .mp4 or .mov files to the playlist, use the Epson Projector Content Manager software or the Epson Creative Projection app.

Time Table

1   Returns to the Epson Web Control screen

2   Turns the time table on or off (see the *Epson Projector Content Manager Operation Guide* for more information)

OSD Control Pad
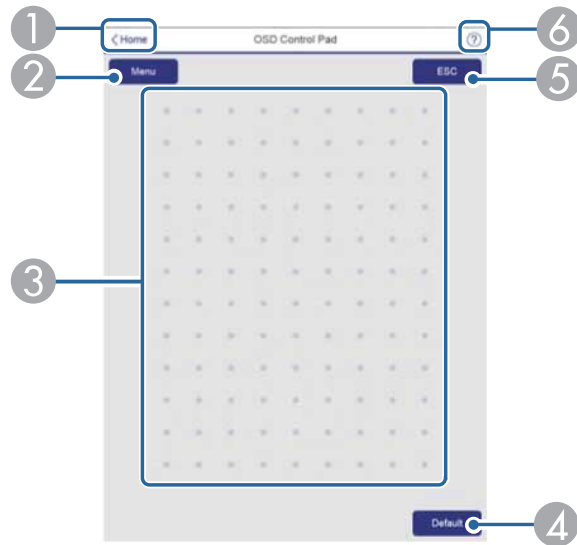
1   Returns to the Epson Web Control screen

2   Displays the projector's setting menus

3   Use your finger or mouse to navigate the menus

4   Returns projector to default settings

5   Returns to the previous menu

6   Displays help topics

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

Parent topic: Controlling a Networked Projector in Content Playback Mode

Using Crestron Connected

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

Note: You cannot use the Message Broadcasting feature in the Epson Projector Management software when you use Crestron Connected.

For additional information on Crestron Connected, contact Crestron.

Setting Up Crestron Connected

Controlling a Networked Projector Using Crestron Connected

Parent topic: Using the Projector on a Network

Setting Up Crestron Connected

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

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

Note: If you are connecting wirelessly, set up the projector using the **Advanced** network connection mode.

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**.
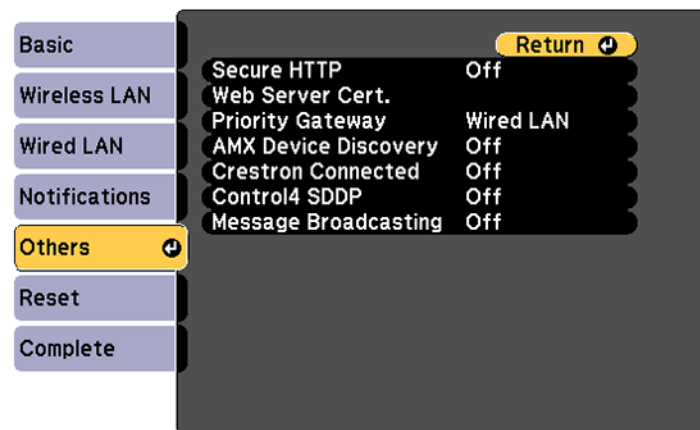
5. Set the **Crestron Connected** setting to **On** to allow the projector to be detected.

    Note: Enabling Crestron Connected disables the Message Broadcasting feature in the Epson Projector Management software.

6. Start your Web browser on a computer or device connected to the network.

7. Go to the **Epson Web Control** screen by entering the projector's IP address into the browser's address box.

8. Select the **Crestron Connected** settings. See the Crestron Web site for details.

Parent topic: Using Crestron Connected

Related references

Projector Setup Settings - Extended Menu

Projector Network Settings - Network Menu

Controlling a Networked Projector Using Crestron Connected

Once you have set up your projector to use Crestron Connected, 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 the Epson Web Control screen:

Note: You may need to log in to access some of the options on 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**.)

3. Select **Crestron Connected**.

4. When you finish selecting settings, select **Set** and then select **Yes** to save the network settings.

Parent topic: Using Crestron Connected

Setting Up Web API

You can setup Web API from a Web browser and operate the projector using Web API.

Note: You can authenticate Web API communications using API authentication (Digest authentication). The user name for API authentication is **EPSONWEB**; use the password that is set for **Web Control Password**.

1. Open the Epson Web Control from your Web browser.
2. Select **Developer's Menu**.
3. Set the **Enable API** setting to **On**.
4. Enter one of the following Web APIs to operate the projector:

URL	Supported methods	Description
http://<ip>/api/v01/contentmgr/remote/power/on	GET/POST/PUT	Turns the projector on (WebAPI may not respond immediately)
http://<ip>/api/v01/contentmgr/remote/power/off		0 to 63 (default is 128)
http://<ip>/api/v01/contentmgr/playlist/play/:id		0 to 7 (default is 0)
http://<ip>/api/v01/contentmgr/playlist/stop		0 to 31 (default is 128)

Note: In the above URLs, enter the IP address for the projector in the <ip> field. For example, a URL instructing a projector with the IP address 192.168.0.2 to playback playlist ID 3 would look like this: http://192.168.0.2/api/v01/contentmgr/playlist/play/3

If secure HTTP is enabled, change the http in the URL to https.

Parent topic: Using the Projector on a Network

Related tasks

Controlling a Networked Projector Using a Web Browser

Secure HTTP

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

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

Importing a Web Server Certificate Using the Projector Menus

Parent topic: Using the Projector on a Network

Importing a Web Server Certificate Using the Projector Menus

You can create your web server certificate and import it using the projector menus and a USB flash drive.

Note: You can also register digital certificates from your web browser. Make sure to only register once, or the certificate may not install correctly.

1. Make sure your digital certificate file is compatible with projector registration and saved in the root directory of the USB flash drive.

2. Press the **Menu** button on the remote control.

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

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

5. Select the **Others** menu and press **Enter**.
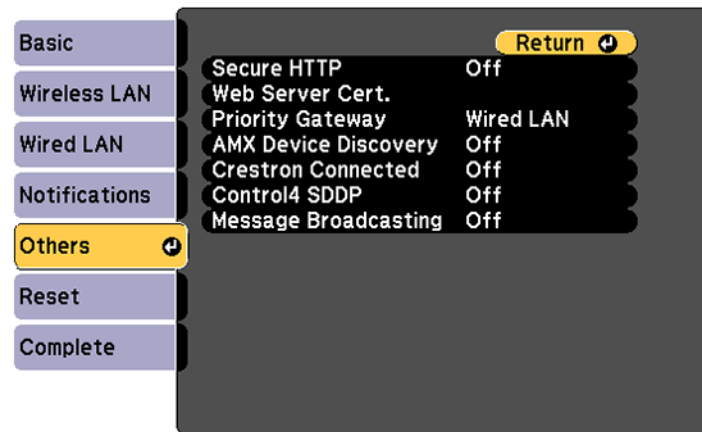
6. Select **On** as the **Secure HTTP** setting.

7. Select the **Web Server Cert.** setting and press **Enter**.

8. Select **Register** and press **Enter**.

9. Insert a USB flash drive into the projector's **USB-A** port. If the wireless LAN module is installed, remove it before inserting the USB flash drive.

10. Press **Enter** to display the certificate list.

11. Select the certificate you want to import from the displayed list.

   A message is displayed prompting you to enter the password for the certificate.

12. Enter the password and press **Enter**.

   The certificate is imported and a completion message appears.

13. Remove the USB flash drive, then re-insert the wireless LAN module.

Parent topic:

Related references

Registering a Digital Certificate on the Projector

Follow the instructions here if you need to install a digital certificate on the projector to provide security for your presentation files.

Note: You can register a digital certificate using a web browser or through the projector's Network menu. However, be sure to register just once, or the certificate may not install correctly.

Parent topic:

Registering Digital Certificates from a Web Browser

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

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

2. Make sure the projector is turned on.

3. Start your web browser on a computer or mobile device connected to the network.

4. Type the projector's IP address into the browser's address box and press the computer's **Enter** key.

   You see the Web Control screen and a prompt to enter a user ID and password.

5. Enter the following information in uppercase or lowercase letters, exactly as shown:

   - For the user ID, enter **EPSONWEB**. (You cannot change the user ID.)

   - For the password, enter the default password **admin**. (You can change the Web Control password using the projector's Network menu.)

6. Select **Advanced**.

7. Under **Network**, select **Certificate**.

   You see a screen like this:

8. Click the **Browse** button, select the certificate file, and click **Open**.

9. Enter a password in the **Password** box, and click **Send**.

10. When you finish registering the certificate, click **Apply** to finalize your changes and complete the registration.

Parent topic: Registering a Digital Certificate on the Projector

Related references

Digital Certificate Types

Digital Certificate Types

You can register these types of digital certificates.

Client Certificate (PEAP-TLS/EAP-TLS)

Specification	Description
Format	PKCS#12
Extension	PFX, P12
Encryption	RSA
Hashes	MD5/SHA-1/SHA-256/SHA-384/SHA-512
Key length	512/1024/2048/4096 bit
Password	Up to 32 alphanumeric characters; required

CA Certificate (PEAP/PEAP-TLS/EAP-TLS/EAP-FAST)

Specification	Description
Format	X509v3
Extension	DER/CER/PEM
Encryption	RSA
Hashes	MD5/SHA-1/SHA-256/SHA-384/SHA-512
Key length	512/1024/2048/4096 bit
Encoding	BASE64/Binary

Web Server Certificate (Secure HTTP)

Specification	Description
Format	PKCS#12
Extension	PFX, P12
Encryption	RSA
Hashes	MD5/SHA-1/SHA-256/SHA-384/SHA-512
Key length	512/1024/2048/4096 bit

Specification	Description
Common name	Network host name
Organization	Optional
Password	Up to 32 alphanumeric characters; required

Note: You can set a password of up to 64 characters if you use a web browser to enter the text.

Parent topic: Registering a Digital Certificate on the Projector

Related tasks

Registering Digital Certificates from a Web Browser

Using Basic Projector Features

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

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.
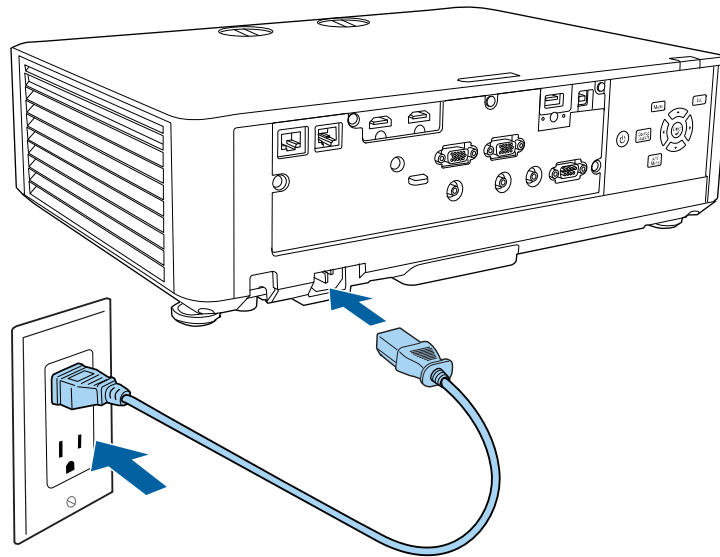
2. Plug the power cord into an electrical outlet.

    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. Remove the lens cover, if necessary.

4. Press the power button on the projector or the 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 laser is on. This can damage your eyes and is especially dangerous for children and pets. When turning on the projector at a distance using the remote control, make sure there is no one looking into the lens. Make sure no objects are blocking the light from the projector lens. Objects blocking the lens for an extended time can melt and light that is reflected back into the lens can cause the projector to malfunction.

Note: When **Quick Startup** is enabled in the projector's Operation menu, the projector becomes ready for use in several seconds the next time you press the power button.

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. This setting is disabled if the **Quick Startup** or **Content Playback** setting is enabled.

Note: If the **Auto Power On** setting in the Extended menu is enabled, the projector automatically detects the input signal for the HDMI1 or Computer1 ports 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).

• Change the screen output from the computer if you are using a laptop computer.

• Press the **Source Search** button on the projector or remote control to detect the video source.

• Press the **Home** button and select the source you want to project on the Home screen.

Using the Home Screen

Parent topic: Using Basic Projector Features

Related references

Projector Light Status

Projector Setup Settings - Extended Menu

Using the Home Screen

You can select input sources and other frequently used options from the Home screen.

1. To display the Home screen, do one of the following:

   • Press the **Home** button on the remote control.

   • Turn on the projector with the **Home Screen Auto Disp** setting enabled.

   • Turn on the projector when no signal is received from the selected input source.

2. Press the arrow buttons on the remote control or control panel to navigate the screen, and press **Enter** to select an option.
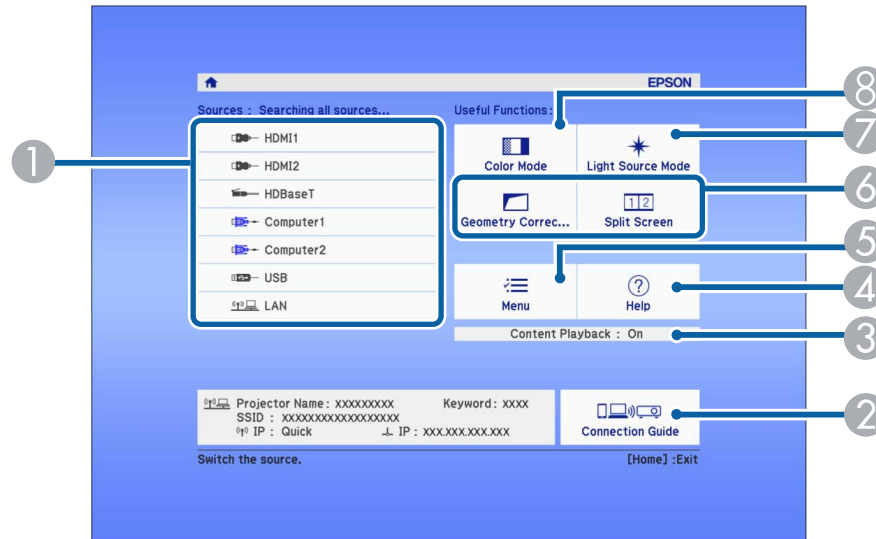
1	Select the video source you want to project
2	Display the Connection Guide
3	Indicates the Content Playback mode
4	Display the Help screen
5	Display the projector's menus
6	Select customizable menu options
7	Select to change the Light Source Mode
8	Select to change the Color Mode

3. Press the **Home** button to hide the Home screen.

Parent topic: Turning On the Projector

Related tasks
Switching to Content Playback Mode
Using the Projector Help Displays

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. Laser life will vary depending upon mode selected, environmental conditions, and usage. Brightness decreases over time.

1. Press the power button on the projector or the remote control.

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

```
Power Off?

Yes: Press ⏻ button
No : Press any other button
```

The projector beeps twice, the laser 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).

Note: If the **Light Source Calibration** setting is set to **Run Periodically** in the projector's Reset menu, light source calibration starts automatically if you turn off the projector and the following conditions are present:

• 100 hours have passed since the last light source calibration.

• You have used the projector continuously for at least 20 minutes.

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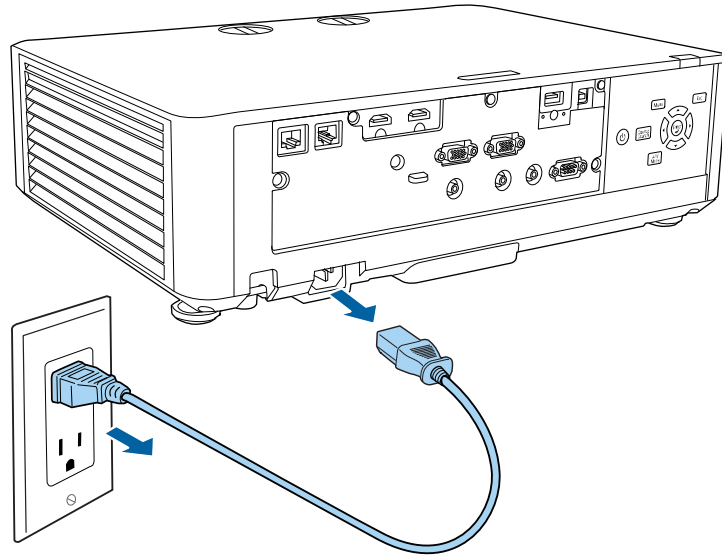
4. Attach the lens cover.

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**.

Image		Return ↵
Signal	Home Screen	
	Display	
Settings	User's Logo	
	Projection	Front
Extended ↵	Operation	
	A/V Settings	
Network	Standby Mode	
	HDBaseT	
Info	Multi-Projection	
	Schedule Settings	
Reset	Language 🌐	English
	Reset	
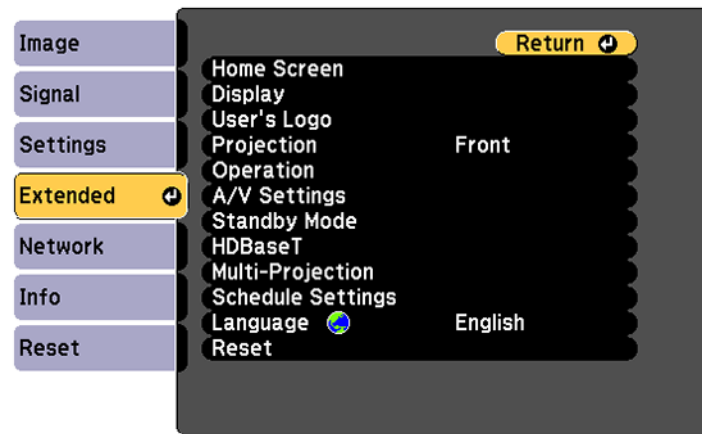
4. Select the **Language** setting and press ↵ **Enter**.
5. Select the language you want to use and press ↵ **Enter**.
6. Press **Menu** or **Esc** to exit the menus.

Parent topic: Using Basic Projector Features

Related references
Projector Setup Settings - Extended Menu

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. To activate daylight savings time, select the **Daylight Saving Time** setting and press ↵ .

8. Select the **Daylight Saving Time** setting and set it to **On**. Select your daylight saving settings. Then select **Set** and press ↵ **Enter** to confirm your changes.

9. To update the time automatically from an internet time server, select the **Internet Time** setting and press ↵ **Enter**.

10. Select the **Internet Time** setting and set it to **On**.

11. Enter the IP address of the internet time server. Select **Set** and press ↵ **Enter** to confirm your changes.

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

Date and Time Settings

Parent topic: Using Basic Projector Features

Related references

Projector Setup Settings - Extended Menu

Date and Time Settings

Settings	Options	Description
Date & Time	**Date** **Time** **Time Difference (UTC)**	Adjusts the projector's date and time settings **Date** and **Time**: sets the date and time **Time Difference (UTC)**: sets the time difference from Coordinated Universal Time
Daylight Saving Time	**Daylight Saving Time** **DST Start** **DST End** **DST Adjustment (min)**	Adjusts the daylight saving time settings **Daylight Saving Time**: enables or disables daylight saving time **DST Start** and **DST End**: sets the date and time to start or end daylight saving time **DST Adjustment (min)**: sets the difference between standard and daylight saving time
Internet Time	**Internet Time** **Internet Time Server**	Automatically adjusts the time through an Internet connection **Internet Time**: turn on this setting to update the date and time automatically through an Internet time server **Internet Time Server**: sets the IP address for the Internet time server

Parent topic: Setting the Date and Time

Resizing the Image with the Zoom Ring

You can resize the image using the projector's zoom ring.

1. Turn on the projector and display an image. Wait 20 minutes after turning on the projector before setting the focus and zoom for maximum accuracy.

2. To enlarge or reduce the image size, rotate the projector's zoom ring.
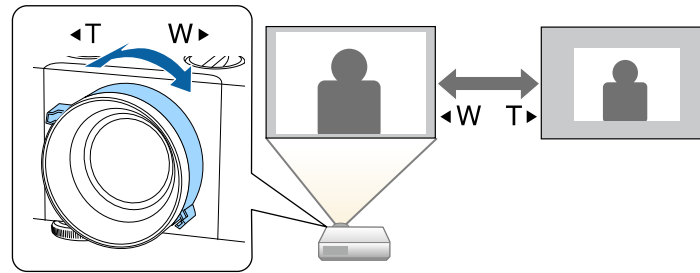
Parent topic: Using Basic Projector Features

Focusing the Image Using the Focus Ring

1. Turn on the projector and display an image. Wait 20 minutes after turning on the projector before setting the focus and zoom for maximum accuracy.

2. To sharpen the image focus, rotate the projector's focus ring.
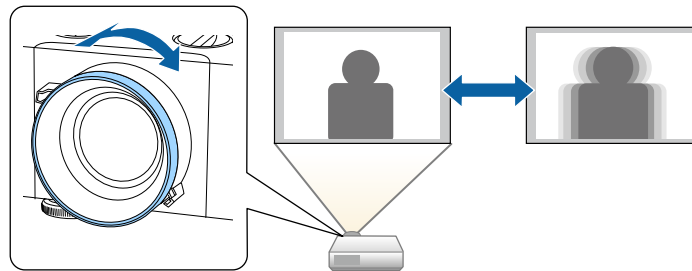
Parent topic: Using Basic Projector Features

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.

Note: This setting is unavailable when using the **USB** or **LAN** input source.

Note: If you change the **Screen Type** setting, the **Geometry Correction** settings are initialized. You cannot change the **Screen Type** setting when the **Content Playback** setting is enabled.

1. Turn on the projector and display an image.

2. Press the **Menu** button.

3. Select the **Extended** menu and press ↵ **Enter**.

4. Select **Display** > **Screen** > **Screen Type**.

   You see this screen:

[Screen Type]	Return
	4:3
	16:9
	16:10
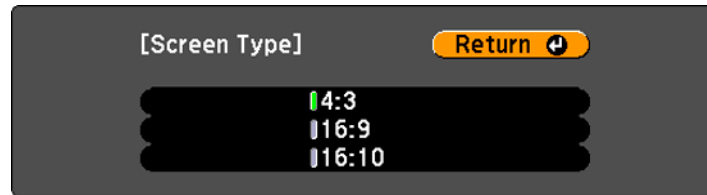
5. Select your screen's aspect ratio and press ↵ **Enter**.

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 references

Projector Feature Settings - Settings Menu

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** setting is set to **16:10**.

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.

[Screen Position]

Shift Direction: Top   0
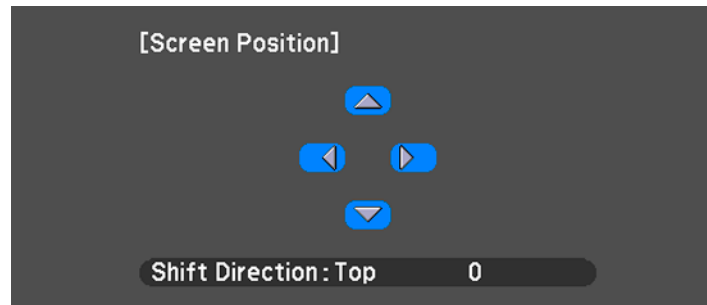
6. When you are finished, press the **Menu** button.

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 down arrow button on the control panel.

3. Press the ↵ left or right arrow button on the remote control, or press **Enter** on the control panel to cycle through the available test patterns.
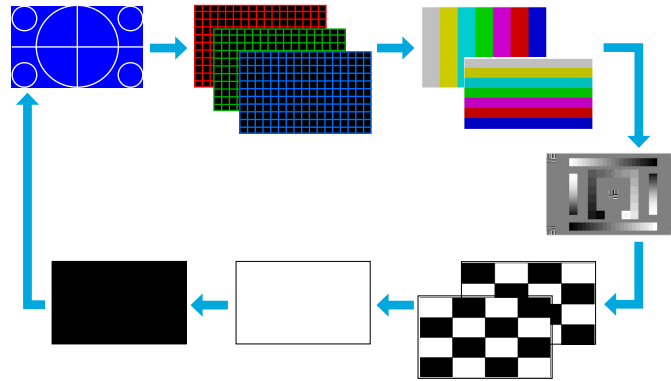
4. Adjust the image as necessary.

5. Press the **Esc** button to clear the test pattern.

Parent topic: Using Basic Projector Features

Related references
Projector Feature Settings - Settings Menu

Related tasks
Setting the Screen Type

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.
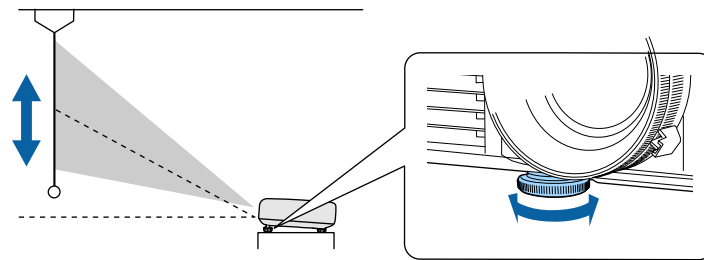
3. If the image is tilted, rotate the rear feet to adjust their height.
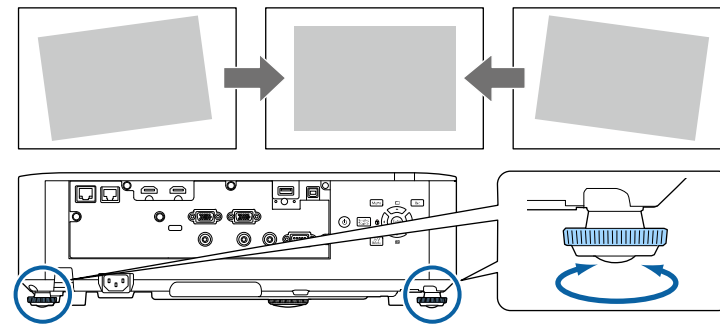
If the projected image is unevenly rectangular, you need to adjust the image shape.

Parent topic: Using Basic Projector Features

Related concepts

Image Shape

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: After correction, your image is slightly smaller. For the best quality images, try to adjust the projector's position to achieve the correct image size and shape. After you have corrected the position of

the projector, you can use the adjustments in this section to correct the image shape. You cannot combine the **H/V-Keystone** setting with other correction methods.

Correcting Image Shape with H/V-Keystone
Correcting Image Shape with Quick Corner
Correcting Image Shape with Arc Correction

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.
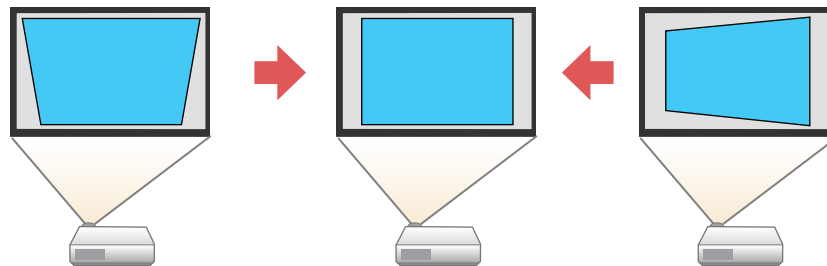
Note: You cannot combine H/V-Keystone correction with other image shape correction methods.

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

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

Image		Return ↵
Signal	E-Zoom	x 0.0
	Geometry Correction	H/V-Keystone
Settings ↵	Split Screen	
	Volume	0
	HDMI Link	
Extended	Lock Setting	
	Brightness Settings	
Network	Remote Receiver	Front/Rear
	User Button	Light Source M...
Info	Test Pattern	
	Memory	
Reset	Content Playback	
	Reset	
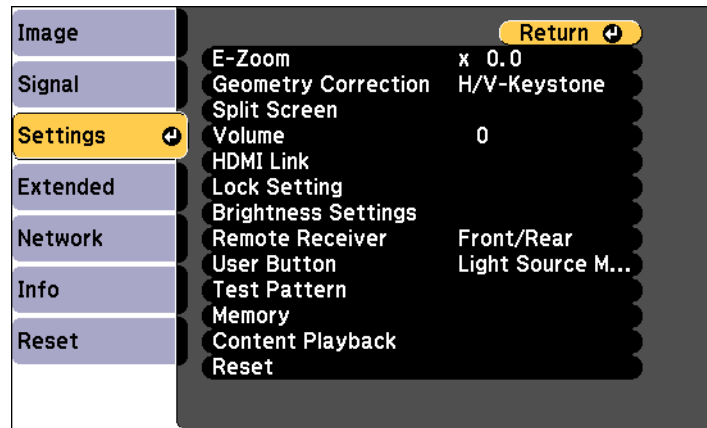
4. Select the **Geometry Correction** setting and press ↵ **Enter**.

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

    You see the H/V-Keystone adjustment screen:

[H/V-Keystone]		Return ↵
V-Keystone	0	
H-Keystone	0	

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

    V-Keystone
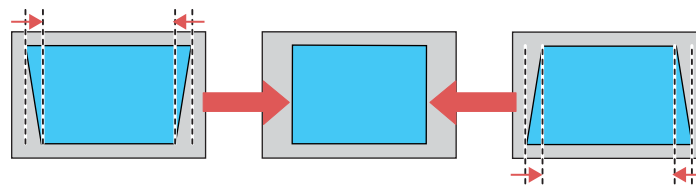
H-Keystone
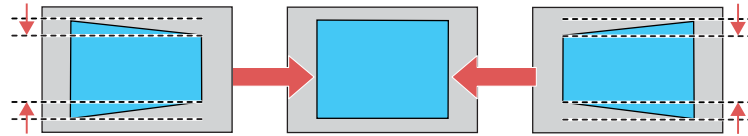
7. When you are finished, press **Esc**.

   After correction, your image is slightly smaller.

Parent topic: Image Shape

Related references

Projector Feature Settings - Settings Menu

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.

Note: To provide the best possible image quality, adjust the projector's position to correct the image shape. If this isn't possible, use the Quick Corner setting to correct the image shape.
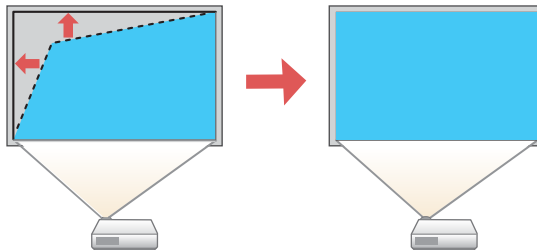
Note: If you change the **Screen Type** or **Screen Position** setting, your image adjustments are reset.

1. Turn on the projector and display an image.

2. Press the **Menu** button.

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

Image		Return ↵
	E-Zoom	x 0.0
Signal	Geometry Correction	H/V-Keystone
	Split Screen	
Settings ↵	Volume	0
	HDMI Link	
Extended	Lock Setting	
	Brightness Settings	
Network	Remote Receiver	Front/Rear
	User Button	Light Source M...
Info	Test Pattern	
	Memory	
Reset	Content Playback	
	Reset	
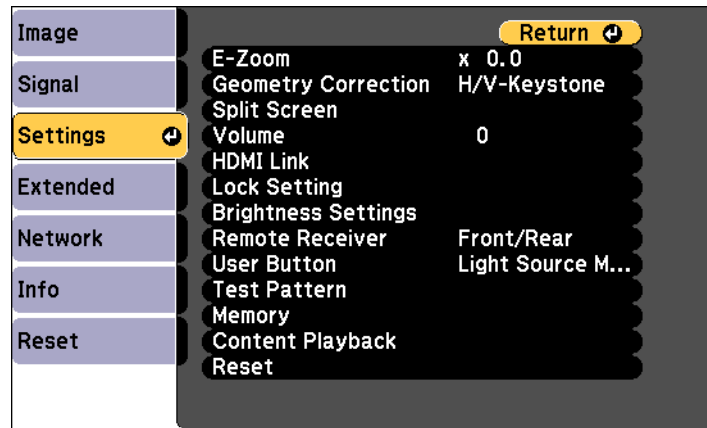
4. Select the **Geometry Correction** setting and press ↵ **Enter**.
5. Select the **Quick Corner** setting and press ↵ **Enter**.

You see the Quick Corner adjustment screen:

[Quick Corner]
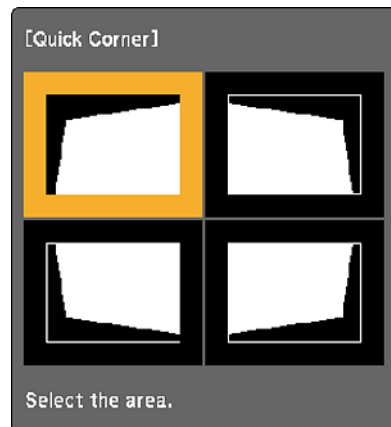
Select the area.

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

6. Use the arrow buttons on the projector or 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. Press ↵ **Enter** to return to the area selection screen.

   Note: You can also use the numeric buttons on the remote control to adjust the image shape. If one of the directional arrows on the screen turns gray, you cannot adjust the shape any further in that direction.

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

Parent topic: Image Shape

Related references

Projector Feature Settings - Settings Menu

Correcting Image Shape with Arc Correction

You can use the projector's Arc Correction setting to adjust the curve or arc of the sides of your image.

1. Turn on the projector and display an image.

2. Press the **Menu** button.

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

Image		Return ↵
	E-Zoom	x 0.0
Signal	Geometry Correction	H/V-Keystone
	Split Screen	
Settings ↵	Volume	0
	HDMI Link	
Extended	Lock Setting	
	Brightness Settings	
Network	Remote Receiver	Front/Rear
	User Button	Light Source M...
Info	Test Pattern	
	Memory	
Reset	Content Playback	
	Reset	
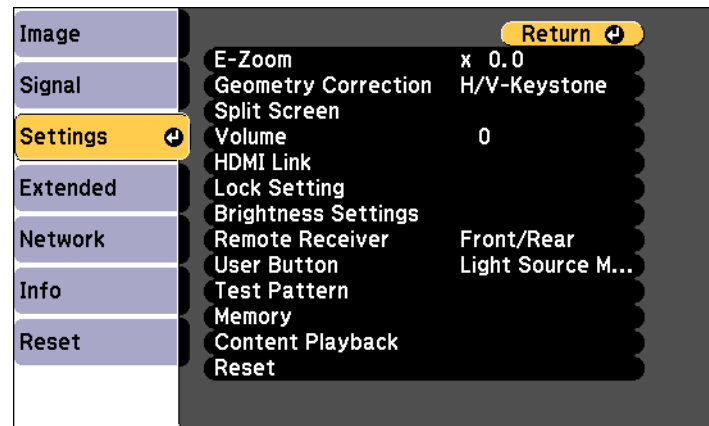
4. Select the **Geometry Correction** setting and press ↵ **Enter**.

5. Select the **Arc Correction** setting and press ↵ **Enter**. Then press ↵ **Enter** again.

You see the Arc Correction adjustment screen:

```
[Arc Correction]

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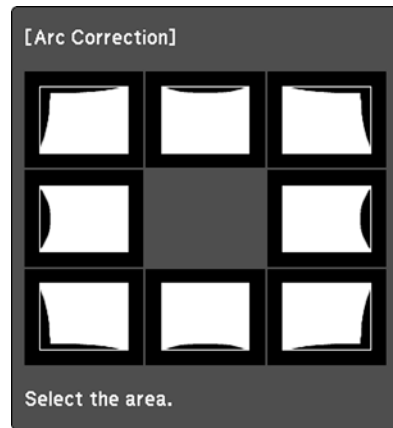
Note: To reset your adjustments, press the **Esc** button for at least 2 seconds to display a reset screen, and select **Yes**.

6. Use the arrow buttons on the projector or the remote control to select the corner or side of the image you want to adjust. Then press **Enter**.

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

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

Parent topic: Image Shape

Related references
Projector Feature Settings - Settings Menu

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.

Note: If you turned on the **Auto Source Search** setting in the Operation menu, the projector automatically switches to another detected image source if the signal to the current image source is lost.

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 remote control until you see the image from the source you want.

   • Press the button for the source you want on the remote control. If there is more than one port for that source, press the button again to cycle through the sources.
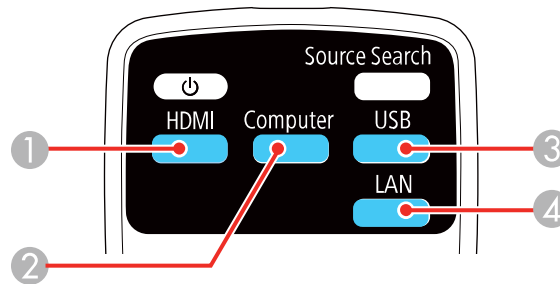
1	HDMI sources
2	VGA port sources
3	USB port sources (computer display or external devices)
4	Network sources

• Press the 🏠 **Home** button on the remote control or projector and select your image source.

Note: Your Home screen may look different from the illustration shown here. A checkmark appears on the image from the current input source. You can see thumbnail previews of most input sources.

Parent topic: Using Basic Projector Features

Related references

Projector Setup Settings - Extended Menu

Related tasks

Using the Home Screen

Remote Control Operation

The remote control lets you control the projector from almost anywhere in the room, up to 26 feet (8 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.
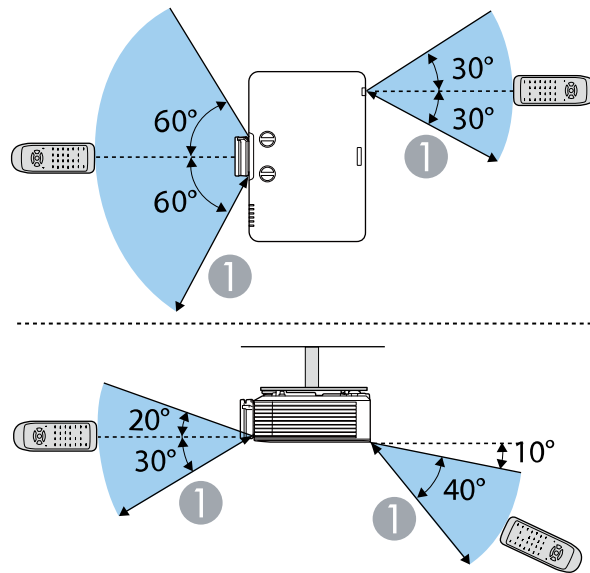
| 1 | 26 feet (8 m) |

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 references

Solutions to Remote Control Problems

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: You can change the projection mode using the remote control or by changing the **Projection** setting in the Extended menu.

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

Parent topic: Using Basic Projector Features

Related references
Projector Setup Settings - Extended Menu

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 5 to 10 seconds.
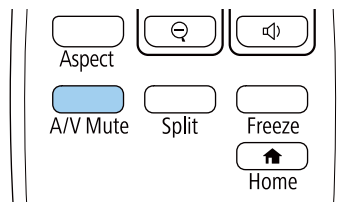
   The image disappears briefly and reappears flipped top-to-bottom.

3. To change projection back to the original mode, hold down the **A/V Mute** button for 5 to 10 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**.

Image		Return ↵
Signal	Home Screen	
	Display	
Settings	User's Logo	
	Projection	Front
Extended ↵	Operation	
	A/V Settings	
Network	Standby Mode	
	HDBaseT	
Info	Multi-Projection	
	Schedule Settings	
Reset	Language 🌐	English
	Reset	
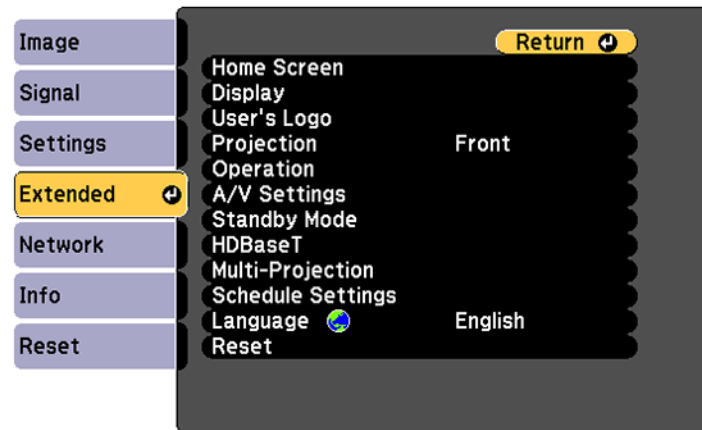
4. Select the **Projection** setting and press ↵ **Enter**.

5. Select a projection mode and press ↵ **Enter**.

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

Parent topic: Projection Modes

Related references

Projector Setup Settings - Extended Menu

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 setting. However, for certain images you can change the aspect ratio to fit your screen.

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

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.

Note: This setting is available only when the **Scale** setting is turned off or the **Scale Mode** setting is set to **Full Display**.

Note: You may not be able to set the aspect ratio for all sources.

1. Turn on the projector and switch to the image source you want to use.

2. Press the **Aspect** button on the remote control.
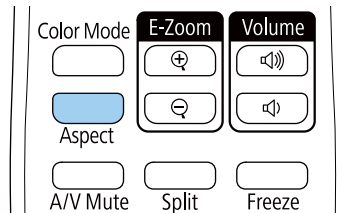
The shape and size of the displayed image changes, and the name of the aspect ratio appears briefly on the screen.

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

Note: To remove black bars when projecting from a computer, set the **Resolution** setting to **Wide** or **Normal** in the Signal menu, depending on your computer's resolution.

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.

Note: Using the aspect ratio of the projector to reduce, enlarge, or split the projected image for commercial purposes or for public viewing may infringe on the rights of the copyright holder of that image based on copyright law.

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.
Native	Displays images as is (aspect ratio and resolution are maintained). Areas that exceed the edges of the projected screen are not projected.

Note: The appearance of the **Native** image aspect ratio setting varies depending on the input signal.

If there are margins between the image edges and the screen, you can adjust the position of the projected image using the **Screen Position** setting in the Extended > Display > Screen menu.

Parent topic: Image Aspect Ratio

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

Parent topic: Using Basic Projector Features

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.
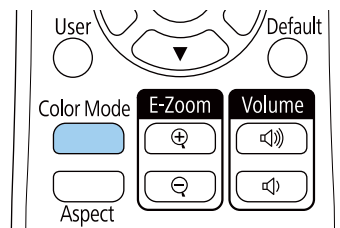
A list of available Color Modes appears.

4. To cycle through all the available Color Modes for your input signal, keep pressing the **Color Mode** button.

5. Press **Enter** to select a Color Mode.

Parent topic: Color Mode

Related tasks

Selecting an Image Source

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
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 Dynamic Contrast

You can turn on the **Dynamic Contrast** setting to automatically optimize the image luminance. This improves the image contrast based on the brightness of the content you project.

1. Turn on the projector and switch to the image source you want to use.

2. Press the **Menu** button.

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

Image
Color Mode	Presentation
Brightness	0
Contrast	0
Color Saturation	0
Tint	0
Sharpness	0
White Balance	
Image Enhancement	
Advanced	
Dynamic Contrast	Off
Reset	

Signal
Settings
Extended
Network
Info
Reset

Return ⏎
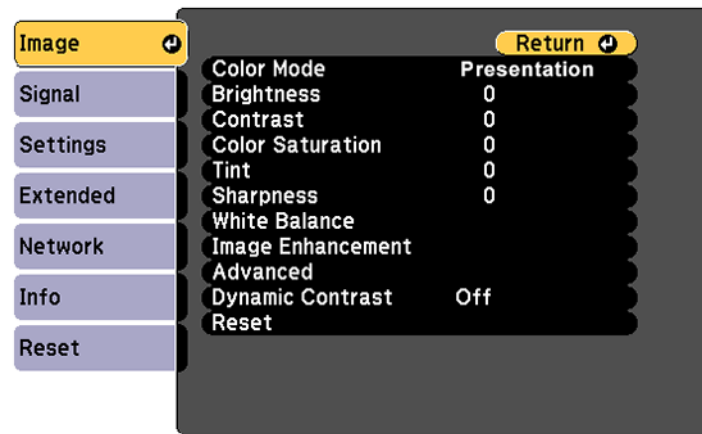
4. Select the **Dynamic Contrast** setting, choose one of the following options, and press ⏎ **Enter**:

   • **Normal** to adjust brightness at the standard speed.

   • **High Speed** to adjust brightness as soon as the scene changes.

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

Parent topic: Using Basic Projector Features

Related references
Image Quality Settings - Image Menu

Adjusting the Hue, Saturation, and Brightness

You can adjust the **Hue**, **Saturation**, and **Brightness** settings for R (red), G (green), B (blue), C (cyan), M (magenta), and Y (yellow) color components.

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**.
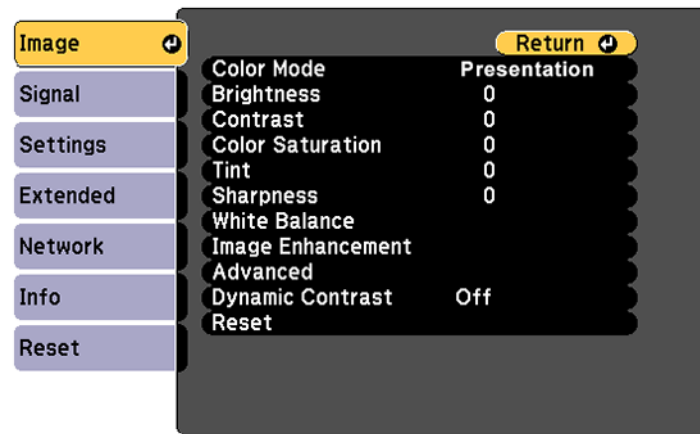
4. Select the **Advanced** > **RGBCMY** setting and press **Enter**.
5. Select the color you want to adjust and press **Enter**.

    You see this screen:

- To adjust the overall hue of the color, adjust the **Hue** setting.
- To adjust the overall vividness of the color, adjust the **Saturation** setting.
- To adjust the overall brightness of the color, adjust the **Brightness** setting.

6. Press the left or right arrow buttons to adjust the **Hue**, **Saturation**, and **Brightness** settings.
7. Repeat the previous three steps as necessary to adjust each color.
8. Press **Menu** or **Esc** to exit the menus.

Parent topic: Using Basic Projector Features

Related references
Image Quality Settings - Image Menu

Adjusting Gamma

You can adjust the gamma to improve differences in halftone brightness that vary depending on the connected device.

Note: Project a still image to adjust the gamma; you cannot adjust it properly when projecting a movie or other moving video. Medical images may not reproduce correctly depending on your operating environment and screen.

1. Turn on the projector and switch to the image source you want to use.

2. Press the **Menu** button.

3. Select the **Advanced** > **Image** menu and press **Enter**.

4. Select the **Gamma** setting and press **Enter**.

    You see a screen like this:
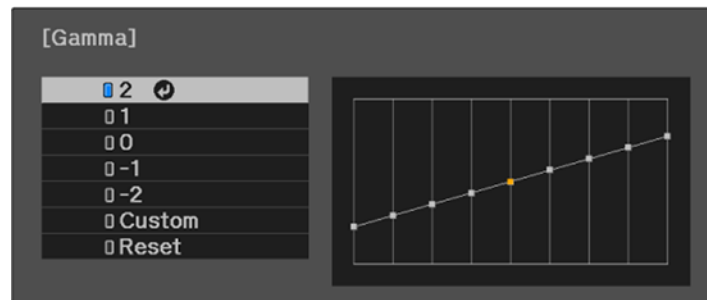
5. Select and adjust the correction value.

    Note: When you select a smaller value, you can reduce the overall brightness of the image to make the image sharper. When you select a larger value, the dark areas of images become brighter, but the color saturation for lighter areas may become weaker.

6. If you want to make finer adjustments, select **Custom** and press **Enter**.

You see a screen like this:
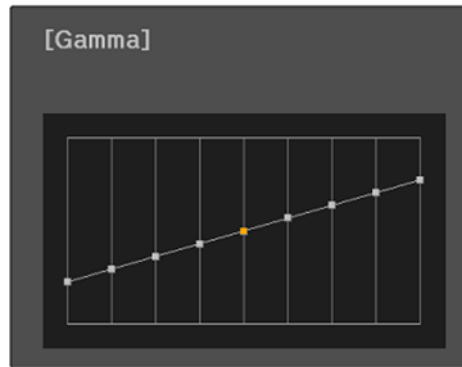
7. Press the left or right arrow button to select the tone you want to change, then press the up or down arrow button to adjust the tone and press **Enter**.

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

Parent topic: Using Basic Projector Features

Related references

Image Quality Settings - Image Menu

Adjusting the Brightness

You can adjust the brightness of your projector's light source.

1. Turn on the projector and switch to the image source you want to use.

2. Press the **Menu** button.

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

```
Image                              Return ↵
            E-Zoom              x  0.0
Signal      Geometry Correction    H/V-Keystone
            Split Screen
Settings ↵  Volume                 0
            HDMI Link
Extended    Lock Setting
            Brightness Settings
Network     Remote Receiver        Front/Rear
            User Button            Light Source M...
Info        Test Pattern
            Memory
Reset       Content Playback
            Reset
```
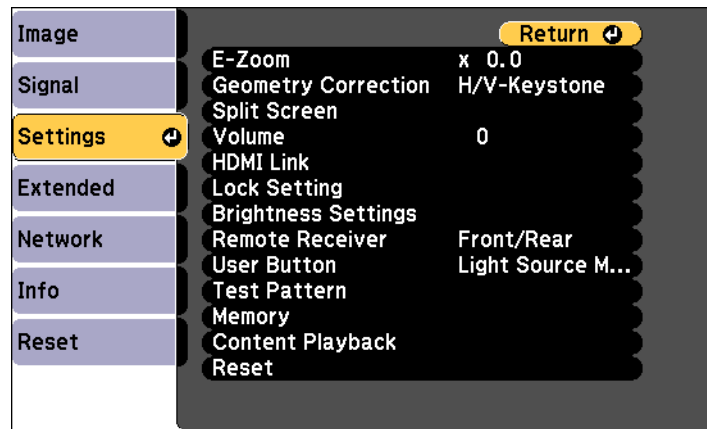
4. Select the **Brightness Settings** setting and press **Enter**.

5. Select the **Light Source Mode** setting and press **Enter**.

6. Select one of the following options:

   • **Normal**: Sets brightness to the maximum level (ideal for conference rooms, auditoriums, and lecture halls)

   • **Quiet**: Sets brightness to 70% and reduces fan noise (ideal for libraries, theaters, museums, and art galleries)

   • **Extended**: Sets brightness to 70% and extends the life expectancy of the light source (ideal for darker environments with ambient light, such as museums and art galleries, where a reduced maintenance cycle is desired)

   • **Custom**: Allows you to select a custom brightness level between 70 to 100%

7. If you selected **Custom**, select **Brightness Level** from the Brightness Settings screen and use the left and right arrow buttons to select the brightness.

8. If you selected **Custom** and want to maintain consistent brightness, turn on the **Constant Brightness** setting.

   Note: If you turn on **Constant Brightness**, you cannot change the **Light Source Mode** and **Brightness Level** settings. If you turn off **Constant Brightness**, the **Brightness Level** setting changes according to the status of the light source.

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

Note: If you use the projector continuously for more than 24 hours, or regularly turn it off by shutting off the power outlet, schedule periodic **Light Source Calibration** events from the Extended menu. Otherwise, the **Constant Brightness** setting may not work properly.

Constant Brightness Usage Hours

Parent topic: Using Basic Projector Features

Related references

Projector Setup Settings - Extended Menu

Projector Feature Settings - Settings Menu

Related topics

Scheduling Projector Events

Constant Brightness Usage Hours

Light source life span

The estimated life span of the light source varies depending on the **Brightness Level** setting and whether the **Constant Brightness** setting is on or off.

Constant Brightness off

Brightness Level setting	Hours
100%	20000 hours
90%	21000 hours
80%	24000 hours
70%	30000 hours

Constant Brightness on
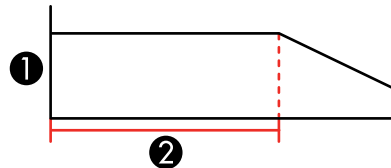
1   Brightness level

2   Time the projector can maintain constant brightness (approximate)

Brightness Level setting	Hours
85%	6000 hours
80%	10000 hours
75%	14000 hours
70%	19000 hours

Note: The light source usage hours vary depending upon environmental conditions and usage. The hours listed here are an approximate and are not guaranteed. You may need to replace parts in the projector sooner than the estimated light source operation time. If **Constant Brightness** is turned on, and you have exceeded the usage hours listed here, you may not be able to select a high **Brightness Level** setting.

Parent topic: Adjusting the Brightness

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.

Warning: Do not start playback at a high volume. Sudden loud noises may cause hearing loss. Always lower the volume before turning off the projector. Gradually increase the volume after turning the projector on.

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.
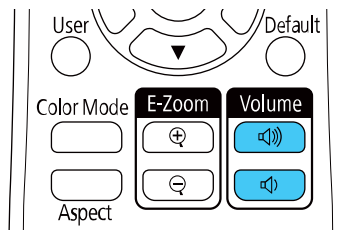
A volume gauge appears on the screen.

Note: You can also adjust the **Volume** setting in the projector's **Settings** menu.

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

Parent topic: Using Basic Projector Features

Related references

Projector Feature Settings - Settings Menu

Projecting a PC Free Presentation

You can use your projector's PC Free feature whenever you connect a USB device that contains compatible files. This lets you quickly and easily display the contents of the files and control their display using the projector's remote control.

Note: Make sure **Content Playback** is disabled in the projector's Settings menu.

PC Free Precautions
Supported PC Free File Types
Starting a PC Free Slideshow
Starting a PC Free Movie Presentation
PC Free Display Options

Parent topic: Using Basic Projector Features

Related tasks

Connecting to a USB Device

PC Free Precautions

Note the following precautions when using PC Free features:

• You cannot use a USB key for quick wireless connection for PC Free features.

• Do not disconnect the USB device while it is being accessed; otherwise, PC Free may not operate correctly.

• You may not be able to use the security features on certain USB devices with PC Free features.

• When connecting a USB device that includes an AC adapter, connect the AC adapter to an electrical outlet when you use the USB device with your projector.

• Some commercially available USB card readers may not be compatible with your projector.

• The projector can recognize up to five cards inserted into a connected card reader at a time.

• You cannot correct keystone distortion while projecting in PC Free, so correct the image shape before you begin your presentation.

• You can use the following features while projecting in PC Free:

  • Freeze

  • A/V Mute

  • E-Zoom

Parent topic: Projecting a PC Free Presentation

Supported PC Free File Types

You can project these types of files using the projector's PC Free feature.

Note: For best results, place your files on media that is formatted in FAT16/32. If you have trouble projecting from media formatted for non-Windows file systems, try formatting the media for Windows instead. You may not be able to use the security features on certain USB storage devices with PC Free features. When connecting a USB-compatible hard drive, connect the AC adapter supplied with the drive. PC Free may not work with USB device security features.

File type and extension	Details
Image (.jpg)	Make sure the file is not: • CMYK format • Progressive format • Highly compressed • Above 8192 × 8192 resolution
Image (.bmp)	Make sure the file resolution is not above 1280 × 800
Image (.gif)	Make sure the file is not: • Above 1280 × 800 resolution • Animated • Interlaced
Image (.png)	Make sure the file resolution is not: • Above 1920 × 1200 • Interlaced
Motion JPEG movie (.avi)	Supports only AVI 1.0 Make sure the file is not: • Saved with a video codec other than Motion JPEG • Saved with an audio codec other than PCM or ADPCM • Above 1280 × 720 resolution • Larger than 2GB

Parent topic: Projecting a PC Free Presentation

Starting a PC Free Slideshow

After connecting a USB device or digital camera to the projector, you can switch to the USB input source and start your slideshow.

Note: You can change the slideshow operation options or add special effects by highlighting **Option** at the bottom of the screen and pressing ↵ **Enter**.

Note: Make sure **Content Playback** is disabled in the projector's Settings menu.

1. Press the **USB** button on the projector remote control.

   The PC Free screen appears.

2. Do the following as necessary to locate your files:

   • If you need to display files inside a subfolder on your device, press the arrow buttons to highlight the folder and press ↵ **Enter**.

   • To move back up a folder level on your device, highlight **Back to Top** and press ↵ **Enter**.

   • To view additional files in a folder, highlight **Next page** or **Previous page** and press ↵ **Enter**.

3. Do one of the following:

   • To display an individual image, press the arrow buttons to highlight the image and press ↵ **Enter**. (Press the **Esc** button to return to the file list screen.)

- To display a slide show of all the images in a folder, press the arrow buttons to highlight the **Slideshow** option at the bottom of the screen and press ↵ **Enter**.

Note: If any file names are longer than the display area or include unsupported symbols, the file names may be shortened or changed only in the screen display.

4. While projecting, use the following commands to control the display as necessary:
   - To rotate a displayed image, press the up or down arrow button.
   - To move to the next or previous image, press the left or right arrow button.
5. To stop the display, follow the on-screen instructions or press the **Esc** button.
6. Turn off the USB device, if necessary, and then disconnect the device from the projector.

Parent topic: Projecting a PC Free Presentation

Related references
Projector Setup Settings - Extended Menu

Related tasks
Connecting to a USB Device

Starting a PC Free Movie Presentation

After connecting a USB device or digital camera to the projector, you can switch to the USB input source and start your movie.

Note: You can change the operation options by highlighting **Option** at the bottom of the screen and pressing **Enter**.

1. Press the **USB** button on the projector remote control.

The PC Free screen appears.

2. Do the following as necessary to locate your files:

   • If you need to display files inside a subfolder on your device, press the arrow buttons to highlight the folder and press **Enter**.

   • To move back up a folder level on your device, highlight **Back to Top** and press **Enter**.

   • To view additional files in a folder, highlight **Next page** or **Previous page** and press **Enter**.

3. To play back a movie, press the arrow buttons to highlight the file and press **Enter**.

   Note: If any file names are longer than the display area or include unsupported symbols, the file names may be shortened or changed only in the screen display. If you want to play back all the movies in a folder in sequence, select the **Slideshow** option at the bottom of the screen.

4. To stop movie playback, press the **Esc** button, highlight **Exit**, and press **Enter**.

5. Turn off the USB device, if necessary, and then disconnect the device from the projector.

Parent topic: Projecting a PC Free Presentation

Related tasks

PC Free Display Options

You can select these display options when using the projector's PC Free feature.
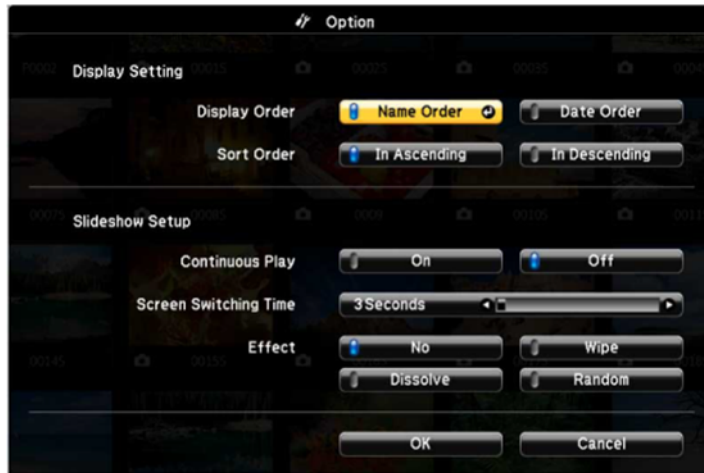
Setting	Options	Description
Display Order	Name Order	Displays files in name order
	Date Order	Displays files in date order
Sort Order	In Ascending	Sorts files in first-to-last order
	In Descending	Sorts files in last-to-first order
Continuous Play	On	Displays a slideshow continuously
	Off	Displays a slideshow one time through
Screen Switching Time	No	Does not display the next file automatically
	1 Second to 60 Seconds	Displays files for the selected time and switches to the next file automatically; high resolution images may switch at a slightly slower rate

Setting	Options	Description
Effect	No	No effect
	Wipe	Transitions between images with a wipe effect
	Dissolve	Transitions between images with a dissolve effect
	Random	Transitions between images using a random variety of effects

Parent topic: Projecting a PC Free Presentation

Projecting in Content Playback Mode

You can project images or other content from an external storage device using Content Playback mode. You can also add color or effects to the projected image.

Switching to Content Playback Mode

Projecting a Playlist in Content Playback Mode

Creating a Playlist Using Epson Web Control

Adding Effects to the Projected Image

Parent topic: Using Basic Projector Features

Switching to Content Playback Mode

Make sure Content Playback mode is enabled before projecting images or playlists.

1. Turn on the projector.

2. Press the **Menu** button.

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

```
Image                                         Return ↵
                    E-Zoom              x  0.0
Signal              Geometry Correction H/V-Keystone
                    Split Screen
Settings      ↵     Volume                   0
                    HDMI Link
Extended            Lock Setting
                    Brightness Settings
Network             Remote Receiver     Front/Rear
                    User Button         Light Source M...
Info                Test Pattern
                    Memory
Reset               Content Playback
                    Reset
```
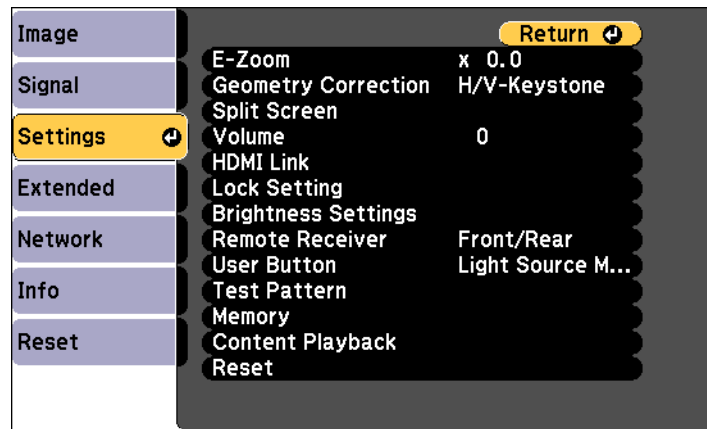
4. Select **Content Playback** and press **Enter**.

5. Select **On**, if necessary, and press **Enter**.

   You see a confirmation prompt.

6. Turn off the projector.

7. Turn on the projector again to enable Content Playback mode.

   You can press the **Home** button to make sure Content Playback mode is enabled.

   Note: You cannot perform the following operations in Content Playback mode:

   • Color Temp. (when **Warm White** or **Cool White** is selected as **Color Filter**)

   • Blanking

   • Split Screen

   • Log Save Destination

   • Screen Type

   • Screen

   • Detecting the input signal automatically

   • Remote Password

   • PC Free

- Document camera
- Screen delivery function using the Epson iProjection software
- Connection Guide Display

Parent topic: Projecting in Content Playback Mode

Related references

Projector Feature Settings - Settings Menu

Related tasks

Using the Home Screen

Projecting a Playlist in Content Playback Mode

You can project playlists that contain images and movies in Content Playback mode.

1. Create a playlist and export it to a USB device using the Epson Projector Content Manager software.

   Note: See the *Epson Projector Content Manager Operation Guide* for more information.

2. Turn on the projector.
3. Insert the USB device containing the playlist to the projector's **USB-A** port.
4. Press the **USB** button on the remote control to project the playlist.
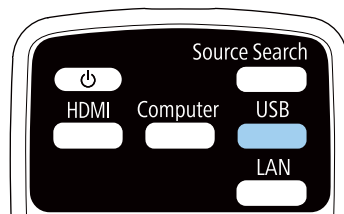
The playlist that was played last is projected. If a timetable is assigned, the playlist will play back according to the schedule in the timetable.

Note: You can also hold down the **Num** and numeric buttons to project your playlist. You can set a remote control shortcut key using the software you used to create the playlists.

Note: To select a specific playlist, select the **USB Viewer** setting in the Settings menu and use the arrow buttons to select your playlist.

Parent topic: Projecting in Content Playback Mode

Related references

Projector Feature Settings - Settings Menu

Additional Projector Software and Manuals

Related tasks

Using the Home Screen

Creating a Playlist Using Epson Web Control

You can create playlists using a web browser and save them to a USB flash drive connected to a projector on a network when the projector is in Content Playback mode.

Caution: Do not remove the USB flash drive from the projector or disconnect the projector's power cord while creating playlists. Data saved on the USB flash drive may be damaged.

1. Make sure the projector is in Content Playback mode.

2. Make sure your computer or device is connected to the same network as the projector.

3. Connect a USB device to the projector's **USB-A** port.

4. Start your web browser on your computer or device.

5. Enter the projector's IP address into the browser's address box and press the computer's **Enter** key.

   Note: When entering an IPv6 address, wrap the address with [and].

   Note: 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 Epson Web Control screen.

6. Select **USB Memory Device**.

7. Select **Upload New Data**.

8. Select the images or movies you want to add to the playlist.

   Note: You cannot upload .mp4 or .mov files. If you want to add .mp4 or .mov files to the playlist, use Epson Projector Content Manager software or the Epson Creative Projection app.

   The selected files are copied to the USB device that is connected to the projector.

9. Do one of the following:
   • Select **Create New Playlist** to create a new playlist and add the files to it.
   • Select **Add to Playlist** and select the existing playlist you want to add the files to.

10. Edit the playlist.

11. Select **Finish** when you are done editing the playlist.

You can play the playlist from the Remote or Playlist screen. If you want to specify when the playlist starts and finishes, schedule the playlist using the Epson Projector Content Manager software. See the *Epson Projector Content Manager Operation Guide* for details.

Parent topic: Projecting in Content Playback Mode

Related references
Projector Feature Settings - Settings Menu

Related tasks
Controlling a Networked Projector in Content Playback Mode

Adding Effects to the Projected Image

You can add color and effects to the projected image in Content Playback mode.

Note: When you use the effects feature, select **Refresh Mode** > **Start** on the **Reset** menu periodically.

1. Press the **Menu** button.

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

Image		Return ↵
	E-Zoom	x 0.0
Signal	Geometry Correction	H/V-Keystone
	Split Screen	
Settings ↵	Volume	0
	HDMI Link	
Extended	Lock Setting	
	Brightness Settings	
Network	Remote Receiver	Front/Rear
	User Button	Light Source M...
Info	Test Pattern	
	Memory	
Reset	Content Playback	
	Reset	
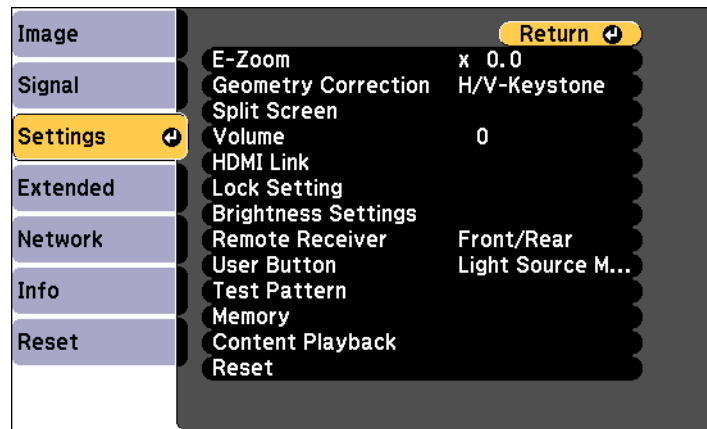
3. Select the **Content Playback** setting and press **Enter**.
4. Select the **Overlay Effect** setting and press **Enter**.

[Overlay Effect]	
Overlay Effect	↵Off
Shape Filter	Off
Color Filter	Off
Lightness	0
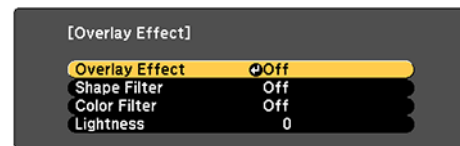
5. Select the **Overlay Effect** setting again and select **On**.
6. Select the **Shape Filter** setting and adjust the options as necessary.
   - **Shape**: select a circle, rectangle, or other shape effect
   - **Filter Effect**: select an option to mask the inside or outside of the shape
   - **Size**: set the shape size
   - **Position**: set the shape position
7. Select the **Color Filter** setting and adjust the options as necessary.
   - **Color Filter**: select the color
   - **Custom**: adjust red, green, or blue individually

8. Select the **Lightness** setting and adjust the brightness level.

9. Press the **Menu** button to exit.

Parent topic: Projecting in Content Playback Mode

Related references

Projector Feature Settings - Settings Menu

Projector Reset Options - Reset Menu

Related tasks

Using the Home Screen

Adjusting Projector Features

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

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.

Note: If the picture and sound are off for more than 30 minutes, the power automatically turns off. You can turn the **A/V Mute Timer** setting on and off in the projector's Operation menu.

1. Press the **A/V Mute** button on the remote control to temporarily stop projection and mute any sound.
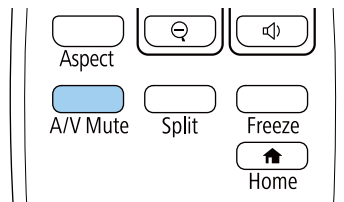
2. To turn the picture and sound back on, press the **A/V Mute** button again.

Note: You can also stop projection using the **A/V Mute** button on the projector.

Parent topic: Adjusting Projector Features

Related references

Projector Setup Settings - Extended Menu

Stopping Video Action Temporarily

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

1. Press the **Freeze** button on the remote control to stop the video action.
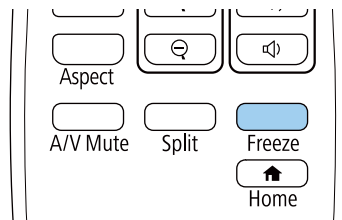
2. To restart the video action in progress, press **Freeze** again.

Parent topic: Adjusting Projector Features

Zooming Into and Out of Images

You can draw attention to parts of a presentation by zooming into a portion of the image and enlarging it on the screen.
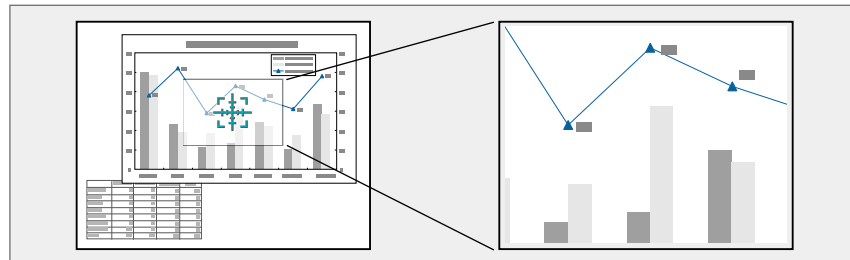
Note: This feature is unavailable if the **Scale** setting in the Image menu is enabled.

1. Press the **E-Zoom +** button on the remote control.
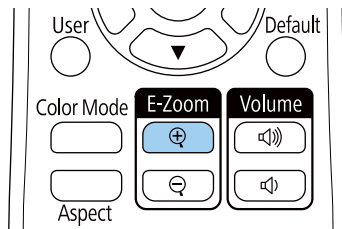
2. Use the following buttons on the remote control to adjust the zoomed image:
   - Use the arrow buttons to position the image area you want to zoom into.
   - Press the **E-Zoom +** button repeatedly to zoom into the image area, enlarging it as necessary.
   - To pan around the zoomed image area, use the arrow buttons.
   - To zoom out of the image, press the **E-Zoom –** button as necessary.
   - To return to the original image size, press the **Default** button.

Parent topic: Adjusting Projector Features

Related references

Image Quality Settings - Image Menu

Projector Security Features

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

- Password security to prevent the projector from being turned on, and prevent changes to the startup screen and other settings.
- Button lock security to block operation of the projector using the buttons on the control panel.
- Security cabling to physically cable the projector in place.

Password Security Types
Locking the Projector's Buttons
Locking the Remote Control 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. 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

Related references
Projector Network Settings - Network Menu

Related topics
Scheduling Projector Events

Setting a Password

To use password security, you must set a password.

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

1. Hold down the **Freeze** button on the remote control for about 5 seconds or until you see this menu.

[Password Protection]

Power On Protection	Off
User's Logo Protection	Off
Network Protection	Off
Schedule Protection	Off
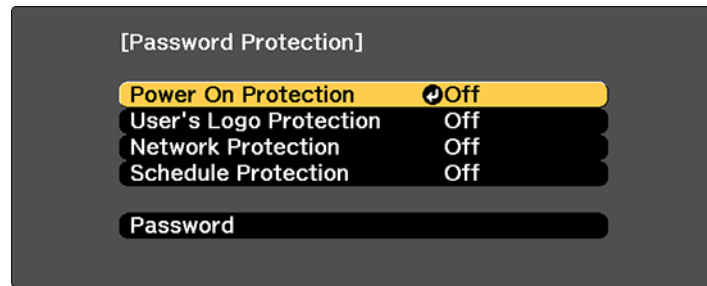
Password

2. Press the down arrow to select **Password** and press ↵ **Enter**.

   You see the prompt "Change the password?".

3. Select **Yes** and press ↵ **Enter**.

4. Press and hold down the **Num** button on the remote control and use the numeric buttons to set a four-digit password.
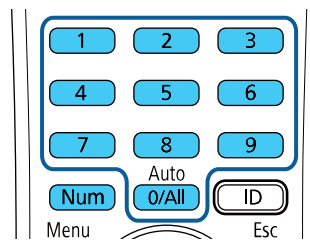
   The password displays as **** as you enter it. Then you see the confirmation prompt.

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

Related references

Solutions to Password Problems

Selecting Password Security Types

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

```
[Password Protection]

Power On Protection        Off
User's Logo Protection     Off
Network Protection         Off
Schedule Protection        Off

Password
```
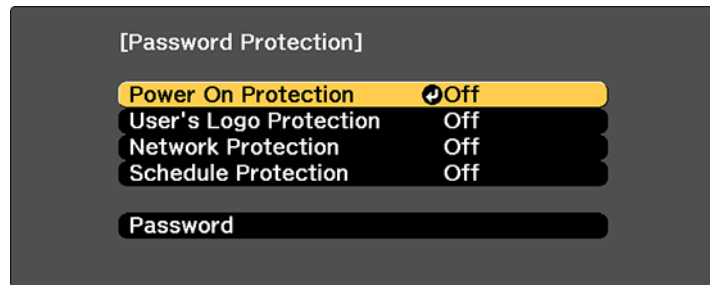
If you do not see this menu, hold down the **Freeze** button on the remote control for about seconds or until the menu appears.

• To prevent unauthorized use of the projector, select **Power On Protection**, press **Enter**, select **On**, press **Enter** again, and press **Esc**.

• 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**.

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

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

You can attach the Password Protect sticker to the projector as an additional theft deterrent.

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

Related topics
Scheduling Projector Events

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.

```
[Password]

Enter the password.


See your documentation for more information.
```
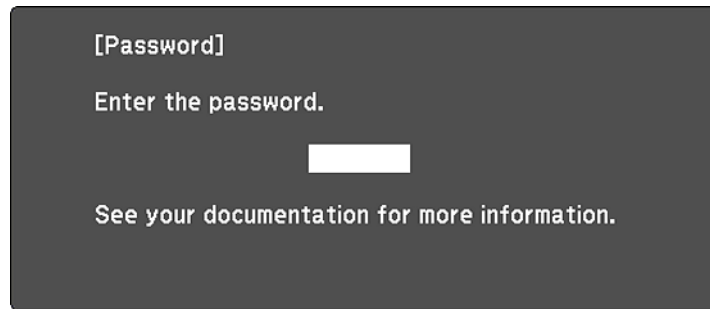
`[0-9] :Enter`

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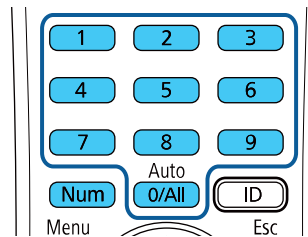
Note: The default password is **0000**.

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 have forgotten the password, make note of the **Request Code: xxxxx** number that appears on the screen and contact Epson Support.

- If you enter an incorrect password three times in succession, you see a message telling you that the projector is locked. After the message is displayed for 5 minutes, the projector enters standby mode. Unplug the projector, plug in the power cord, and turn on the projector. You see a prompt to enter the password.

- If you continue to enter an incorrect password many 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

Related references

Where to Get Help (U.S. and Canada)

Where to Get Help (Latin America)

Solutions to Password Problems

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.

Note: When you copy the menu settings from one projector to another using the batch setup feature, the user logo is also copied. Do not include any information in the user logo that you do not want to share between multiple projectors.

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**.

Image	
Signal	Home Screen
	Display
Settings	User's Logo
	Projection Front
Extended ⏎	Operation
	A/V Settings
Network	Standby Mode
	HDBaseT
Info	Multi-Projection
	Schedule Settings
Reset	Language 🌐 English
	Reset

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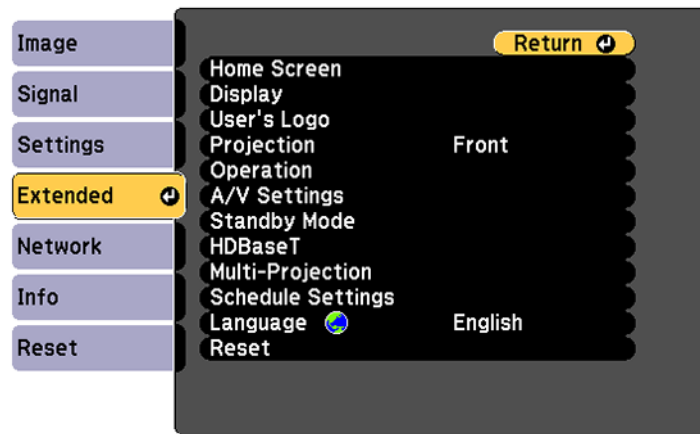
3. Select the **User's Logo** setting and press **Enter**.

4. Select **Start Setting** and press **Enter**.

5. A prompt appears asking if you want to use the displayed image as the user's logo. Select **Yes** and press **Enter**.

6. A prompt appears again asking if you want to use the displayed image as the user's logo. Select **Yes** and press **Enter**.

   You see a completion message.

7. Press **Esc** to return to the **Extended** menu.

8. Select **Display** and press **Enter**.

9. 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 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

Related tasks

Setting a Password

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.

Note: The projector can still be operated using the remote control.

1. Press the **Menu** button.

2. Select the **Settings** menu and press ↵ **Enter**.
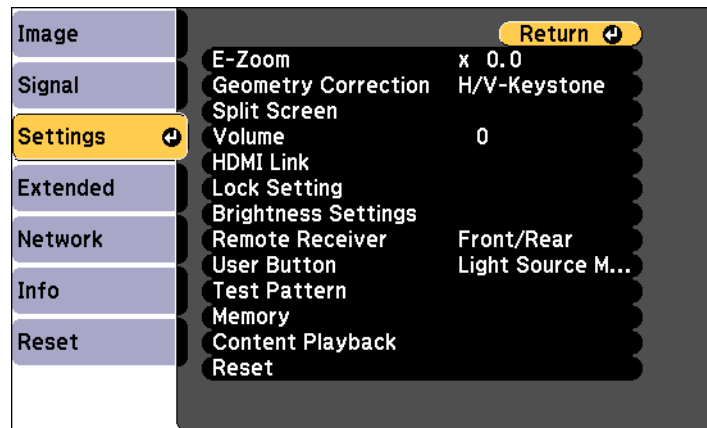
3. Select **Lock Setting** and press ↵ **Enter**.

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**.

Parent topic:

Unlocking the Projector's Buttons

If the projector's buttons have been locked, hold the ↵ **Enter** button on the projector's control panel for 7 seconds to unlock them. You can also set the **Control Panel Lock** setting to **Off** in the Settings menu.

Parent topic: Locking the Projector's Buttons

Related references
Projector Feature Settings - Settings Menu

Locking the Remote Control Buttons

You can lock some of the buttons on the remote control.

To lock the remote control buttons shown here, press and hold the **Home** button on the remote control for approximately 5 seconds. (To unlock the buttons, press and hold the **Home** button again for approximately 5 seconds.)
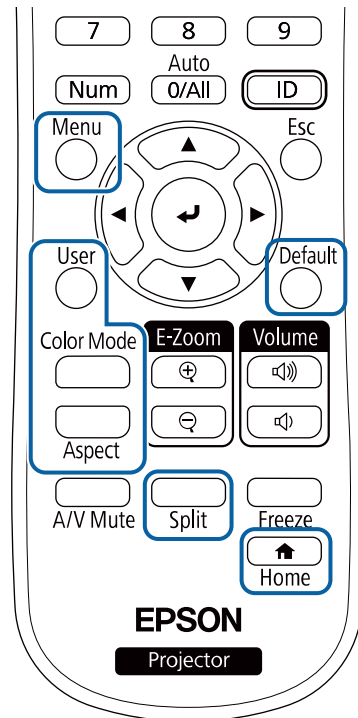
Note: If you lock the remote control buttons, you can still reset the **Remote Receiver** setting in the Settings menu to the default settings.

Parent topic: Projector Security Features

Related references

Projector Feature Settings - Settings Menu

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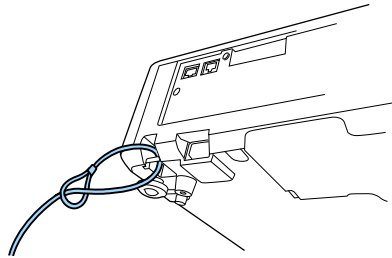
Note: Do not pass drop-prevention cables through the security cable attachment point when mounting the projector on a wall or ceiling.

Parent topic: Projector Security Features

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.
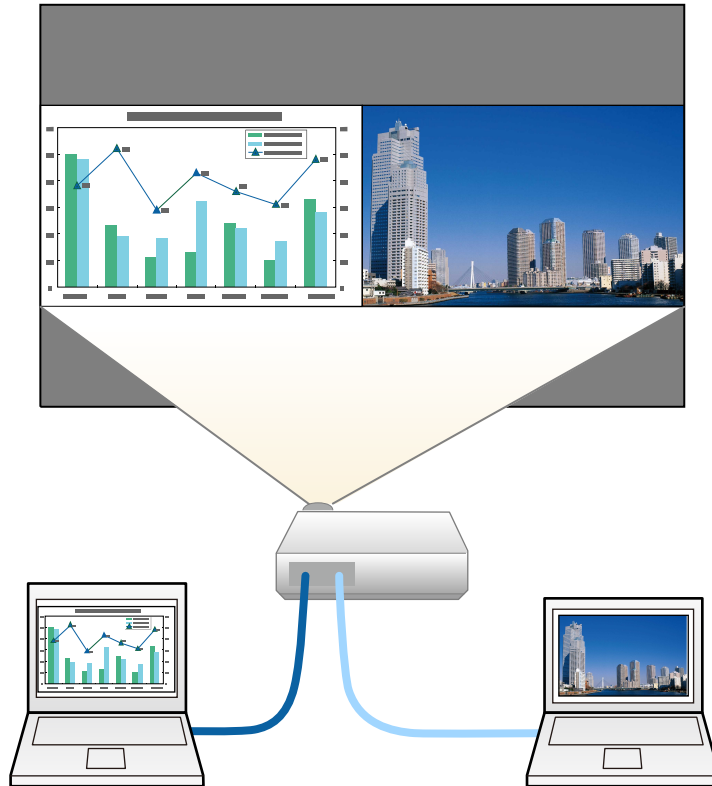
Note: You cannot use split screen with the following input source combinations:

- Computer1 and Computer2
- USB and LAN

1. Press the **Split** button on the remote control.
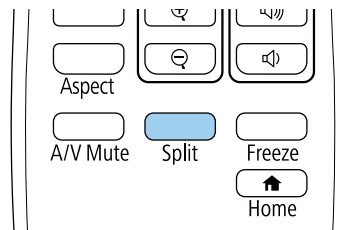
The currently selected input source moves to the left side of the screen.

2. Press the **Menu** button.

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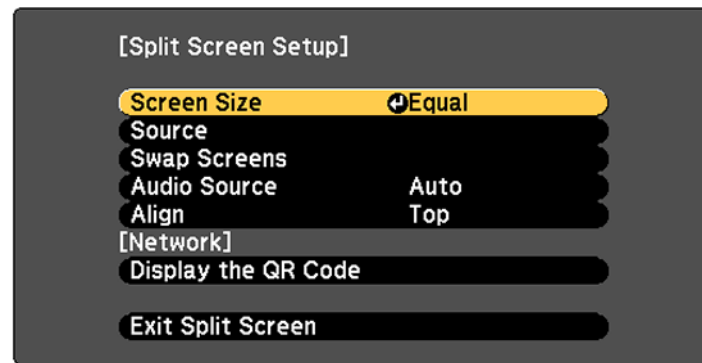
3. To select an input source for the other image, select the **Source** setting, press **Enter**, select the input source, select **Execute**, and press **Enter**. (You can also change image sources, if necessary.)

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.

7. To align the projected images, select the **Align** setting, press **Enter**, select the setting, press **Enter**, and press **Menu** to exit.

8. 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. Follow the instructions in these sections to set up and project from multiple projectors.

Note: Wait at least 20 minutes after you start projecting before adjusting the image.

Multiple Projector Adjustment Overview
Projector Identification System for Multiple Projector Control
Adjusting the Color Tone (Color Uniformity)
Matching the Screens Manually
Adjusting RGBCMY
Scaling an Image

Parent topic: Adjusting Projector Features

Multiple Projector Adjustment Overview

If you are combining images from multiple projectors, you can adjust the brightness and color tone difference between each image.

In some cases, the brightness and color tone may not match completely even after correction. If brightness and color tone differences become more noticeable over time, repeat the adjustments.

Note: You can display a pattern to aid in adjusting the projected image. Wait 20 minutes after turning on the projector before setting the focus, zoom, and lens shift for maximum accuracy.

1. Set an ID for the remote control and projectors.

2. Select **Multi-Projection** as the **Color Mode** setting on each projector.

3. Adjust the color tone for each screen using the **Color Uniformity** setting.

4. Adjust the color balance and brightness for each screen using the **Color Matching** setting.

5. Adjust the **Hue**, **Saturation**, and **Brightness** settings for RBGCMY color components.

6. Crop and combine each projector's image area using the **Scale** setting.

Parent topic: Using Multiple Projectors

Related tasks
Setting the Projector ID
Setting the Remote Control ID
Adjusting the Color Tone (Color Uniformity)
Matching the Screens Manually
Adjusting RGBCMY
Scaling an Image

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.

Setting the Projector ID
Setting the Remote Control ID

Parent topic: Using Multiple Projectors

Setting the Projector ID

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

1. Press the **Menu** button.

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

3. Select the **Multi-Projection** menu and press ↵ **Enter**.

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

[Projector ID]   Return ↵

‖Off
‖1
‖2
‖3
‖4
‖5
‖6
‖7
‖8
‖9
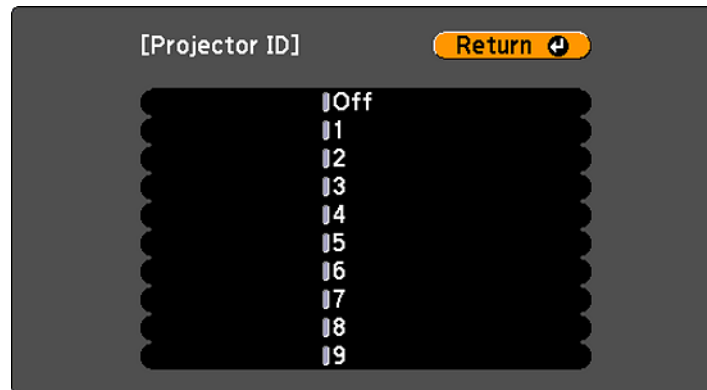
5. Press the arrow buttons on the remote control to select the identification number you want to use for the projector. Then press ↵ **Enter**.

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

Note: If you don't know the projector's ID, aim the remote control at the projector and press the **ID** 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 zero by default so it can operate any compatible projector. If you want to set the remote control to operate only a particular projector, you need to set the remote control's ID to match the projector's ID.

1. Turn on the projector you want the remote control to operate with exclusively.

2. Aim the remote control at that projector and press the **ID** button on the remote control.

   The current projector ID is displayed on the screen for about 3 seconds.

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.
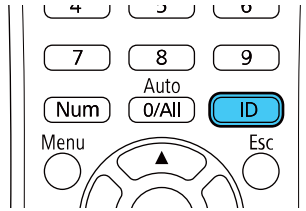
Note: If you select **0/All** on the remote control, you can operate all projectors regardless of the **Projector ID** setting.

The remote control's ID is set.

Note: If the batteries are left out of the remote control for an extended period, the remote control ID returns to its default setting. If you use multiple remote controls at the same time, you may not be able to operate the projectors as intended due to infrared interference.

Parent topic: Projector Identification System for Multiple Projector Control

Related tasks
Replacing the Remote Control Batteries

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**.

Image		Return ↵
	Home Screen	
Signal	Display	
	User's Logo	
Settings	Projection	Front
	Operation	
Extended ↵	A/V Settings	
	Standby Mode	
Network	HDBaseT	
	Multi-Projection	
Info	Schedule Settings	
	Language 🌐	English
Reset	Reset	
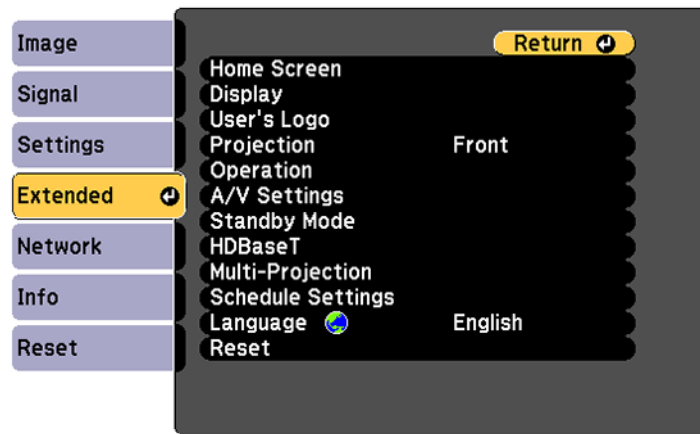
3. Select the **Display** or **Multi-Projection** setting and press **Enter**.

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**.

   There are eight adjustment levels from white through gray, and you can adjust them individually.

8. Press the right and left arrow buttons to adjust the level, and 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**.

    Note: Adjust the outer areas first, then adjust the entire screen.

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. Repeat steps 7 to 11 for each adjustment level.

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

Parent topic: Using Multiple Projectors

Related references

Projector Setup Settings - Extended Menu

Matching the Screens Manually

You can manually correct the brightness and tint for 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 **Color Matching** setting and press **Enter**.

   You see this screen:

[Color Matching]		Return
Adjustment Level	0	
Red	0	
Green	0	
Blue	0	
Brightness		

5. Press the left or right arrow buttons to select a value for the **Adjustment Level** setting. To start, set the **Adjustment Level** to **8**.

   Note: There are eight adjustment levels ranging from white to black and you can adjust each level individually.

6. Press the left or right arrow buttons to adjust the color tone for the **Red**, **Green**, and **Blue** settings.

7. Press the left or right arrow buttons to adjust the **Brightness** setting.

8. Repeat the previous three steps as necessary to adjust each adjustment level in descending order.

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

Parent topic: Using Multiple Projectors

Related references

Projector Setup Settings - Extended Menu

Adjusting RGBCMY

You can adjust the **Hue**, **Saturation**, and **Brightness** settings for R (red), G (green), B (blue), C (cyan), M (magenta), and Y (yellow) color components.

Turn on all the projectors and select the **RGBCMY** setting in each projector's Extended menu so that the color tone on the combined screen becomes entirely even.

1. Press the **Menu** button.

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

Image		Return ↵
Signal	Home Screen	
	Display	
	User's Logo	
Settings	Projection	Front
	Operation	
Extended ↵	A/V Settings	
	Standby Mode	
Network	HDBaseT	
	Multi-Projection	
Info	Schedule Settings	
	Language 🌐	English
Reset	Reset	
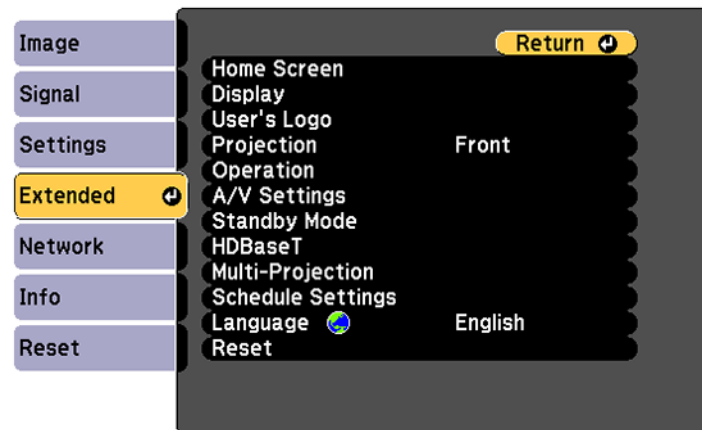
3. Select the **Multi-Projection** setting and press **Enter**.

4. Select the **RGBCMY** setting and press **Enter**.

5. Select the color you want to adjust and press **Enter**.

You see this screen:

- To adjust the overall hue of the color, adjust the **Hue** setting.
- To adjust the overall vividness of the color, adjust the **Saturation** setting.
- To adjust the overall brightness of the color, adjust the **Brightness** setting.

6. Press the left or right arrow buttons to adjust the **Hue**, **Saturation**, and **Brightness** settings.

7. Repeat the previous three steps as necessary to adjust each color.

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

Parent topic: Using Multiple Projectors

Related references

Projector Setup Settings - Extended Menu

Scaling an Image

You can project the same image from multiple projectors and use the Scale feature to crop and combine them into one large image.
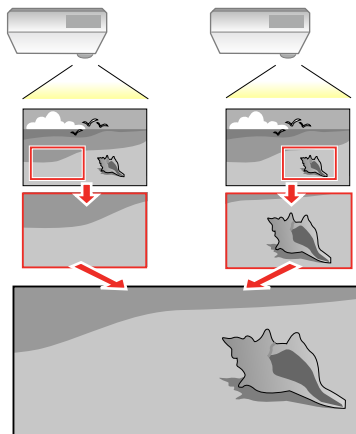
1. Press the **Menu** button.

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

3. Select the **Scale** setting and press **Enter**.

   You see this screen:

[Scale]	Return ⏎
Scale	Off
Scale Mode	Zoom Display
	◀ ➖ ➕ ▶
Scale Vertically x 0.00 ◀	▶
Scale Horizontally x 0.00 ◀	▶
Clip Adjustment	
Clip Range	
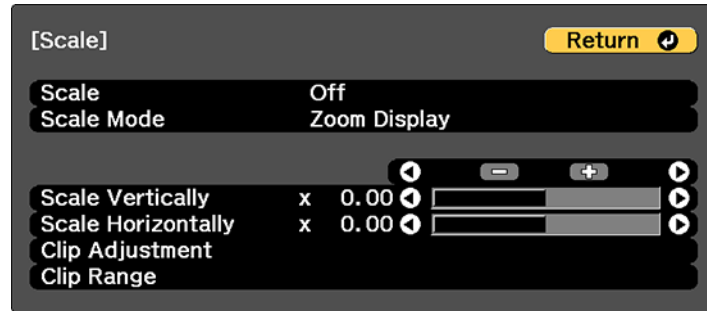
4. Set the **Scale** setting to **On**.

5. Select the **Scale Mode** setting and select one of these options:

   • **Zoom Display** to maintain the image aspect ratio as you scale the image

   • **Full Display** to adjust the image to the projector's screen size as you scale the image

6. Use the arrow buttons to adjust each of the following scale options as necessary:

   • Select **–** or **+** to scale the image horizontally and vertically at the same time

   • Select **Scale Vertically** to scale the image vertically only

   • Select **Scale Horizontally** to scale the image horizontally only

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

8. Select the **Clip Range** setting to preview the area you just selected.

9. Press the **Menu** button to exit.

Parent topic: Using Multiple Projectors

Related references

Input Signal Settings - Signal Menu

Running Light Source Calibration

Light source calibration automatically adjusts any difference between the white balance and the brightness level of the light source. You should perform light source calibration every 100 hours of projector usage. You can also schedule automatic calibration or run the light source calibration manually using the menus.

Automatic light source calibration may not start in the following conditions:

- Within 20 minutes of turning on the projector.

- When using direct power shutdown.

- When you have used the projector continuously for over 24 hours.

- When the brightness is automatically dimmed due to high temperatures.

Note: To perform a light source calibration, the projector must have been on for at least 20 minutes and the projector brightness must not be automatically dimmed due to high temperatures.

1. Press the **Menu** button.

2. Select the **Reset** menu and press ↵ **Enter**.

   You see a screen like this:
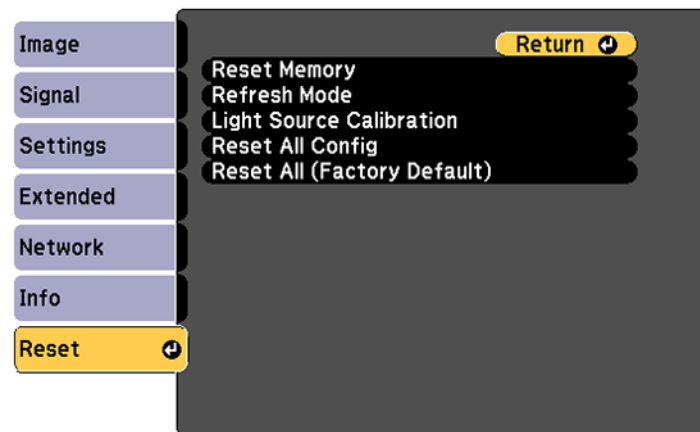
3. Select **Light Source Calibration** and press **Enter**.

4. Select any of the following:

  • To run the light source calibration now, select **Run Now**.

  • To automatically run the light source calibration every 100 hours of projector usage, select **Run Periodically**.

  • To schedule automatic calibration, select **Schedule Settings**.

  • To see the last time the projector performed a calibration, select **Last Run**.

5. When you are finished, press the **Menu** button to exit the menus.

Parent topic: Adjusting Projector Features

Related references
Projector Reset Options - Reset 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.

Note: You can save the **Image** settings and the **Color Matching** settings in the Extended menu.

1. Turn on the projector and display an image.

2. Press the **Menu** button.

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

4. You see this screen:
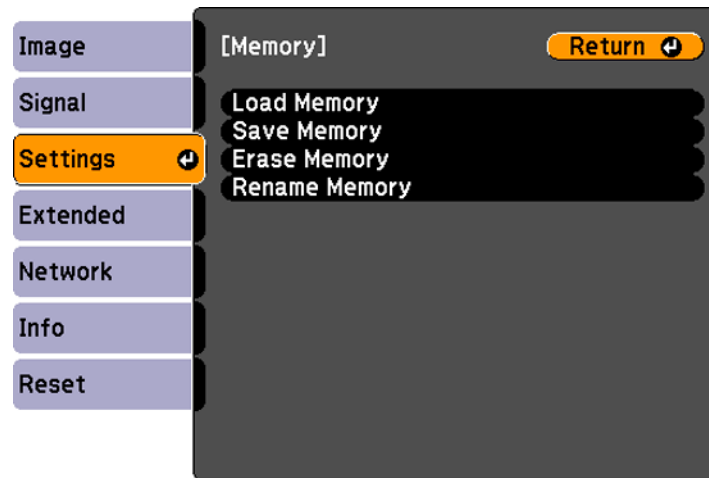
5. Select one of the following options:

   • **Load Memory**: Overwrites your current settings with saved settings

   • **Save Memory**: Saves your current settings to memory (10 memories with different names are available)

     Note: A memory name that 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

6. Press **Esc** to exit.

Parent topic: Adjusting Projector Features

Scheduling Projector Events

You can save a projector command, such as turning the projector on or off or switching input sources, as an "event." You can schedule when you want the projector to automatically execute the command.

Caution: Do not place flammable objects in front of the lens. If you schedule the projector to turn on automatically, flammable objects in front of the lens could catch on fire.

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

Saving a Scheduled Event
Viewing Scheduled Events
Editing a Scheduled Event

Parent topic: Adjusting Projector Features

Related tasks

Setting the Date and Time
Selecting Password Security Types

Saving a Scheduled Event

You can select projector commands you want to perform and schedule them as an event.

Note: Light Source Calibration events do not start if the projector is not used continuously for at least 20 minutes, if the projector has been running for more than 24 hours, or if the projector is regularly turned off by shutting off the power outlet. Set Light Source Calibration events to occur only after 100 hours of usage.

1. Set the date and time in the **Date & Time** menu.

2. Press the **Menu** button.

3. Select the **Extended** menu and press ↵ **Enter**.

4. Select the **Schedule Settings** setting and press ↵ **Enter**.

5. Select the **Schedule** menu and press ↵ **Enter**.

6. Select **Add New** and press ↵ **Enter**.

You see a screen like this:
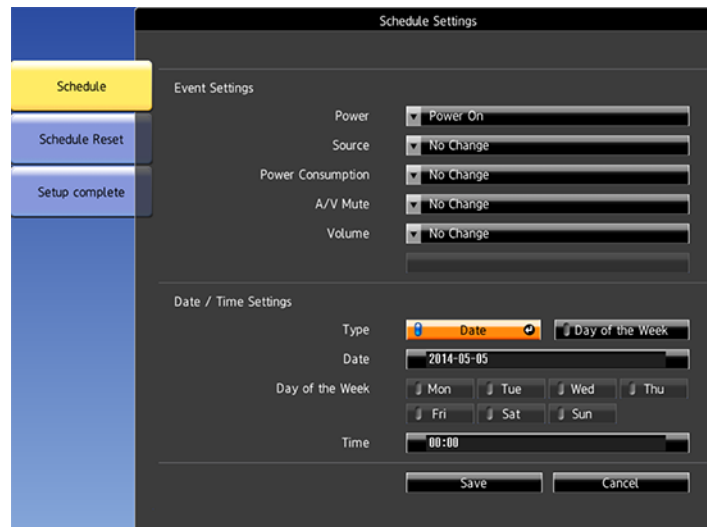
7. In the Event Settings section, select the events you want to have occur. (Select **No Change** for events that you do not want to occur.)

8. In the Date/Time Settings section, set the date and time for the scheduled events to occur.

9. When you are finished, select **Save** and press ↵ **Enter**.

10. To schedule more events, repeat the previous steps as necessary.

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

Parent topic: Scheduling Projector Events

Related tasks
Setting the Date and Time
Selecting Password Security Types
Running Light Source Calibration

Viewing Scheduled Events

You can view your scheduled events on the calendar displayed on the Schedule Settings screen.

1. Press the **Menu** button.

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

3. Select **Schedule Settings** and press ↵ **Enter**.

4. Select **Schedule** and press ↵ **Enter**.

    You see a screen like this:

	02-22	02-23	02-24	02-25	02-26	02-27	02-28
04:00							
08:00							
12:00							
16:00							
20:00							
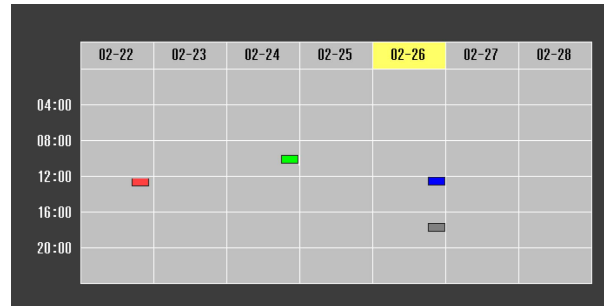
    Colored boxes on the calendar indicate the following:

    ▭ One-time event

    ▭ Repeating event

    ▭ Communication is on or off

    ▭ Event is invalid

5. To view an event, press the left and right arrow buttons on the remote to select a day.

    The screen displays the details of the events scheduled for that day. A blue icon indicates an enabled event, a gray icon indicates a disabled event, and the ⟳ icon indicates a repeating event.

    Parent topic: Scheduling Projector Events

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:
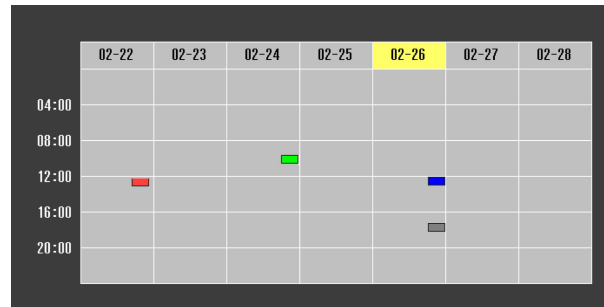
4. Press the left or right arrow buttons to highlight the date on the calendar containing the scheduled event you want to edit.

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** to enable or disable the selected event.

   • **Edit** to edit the settings for the selected event.

   • **Clear** to delete the selected event.

   • **Add New** to 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: Scheduling Projector Events

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 image adjustment 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:

• Light Source Info in the Info menu

• Status Information in the Info menu

The following settings will not transfer between projectors if you set the **Batch Setup Range** setting to **Limited**:

• Password Protection settings

• EDID settings in the Signal menu

• Network menu settings other than those in the Notifications and Others menus

Note: In addition to the methods covered in this section, you can also copy and transfer settings to multiple projectors over a network using the Epson Projector Management software. See the online *Epson Projector Management Operation Guide* for instructions. You can download the latest software and documentation from the Epson website.

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

Related references

Projector Setup Settings - Extended Menu
Projector Information Display - Info Menu

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. The flash drive must use the FAT format and cannot have any security features.

1. Turn off the projector and unplug the power cord from the projector's power inlet.

2. Insert the flash drive into the **USB-A** port.
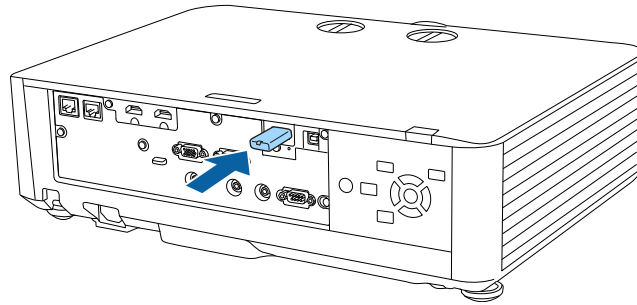
Note: Connect the flash drive directly to the projector. Do not use a hub or your settings may not be saved correctly.

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.
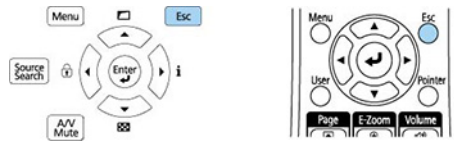
4. When all of the projector lights turn on, release the **Esc** button.

The lights flash to indicate that settings are transferring to the flash drive. When the lights stop flashing, the On/Standby 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.

Note: If the projector does not enter standby mode and the lights continue flashing, see the link below for a solution.

Parent topic: Copying Menu Settings Between Projectors

Related references

Projector Light Status

Related tasks

Connecting to a USB Device

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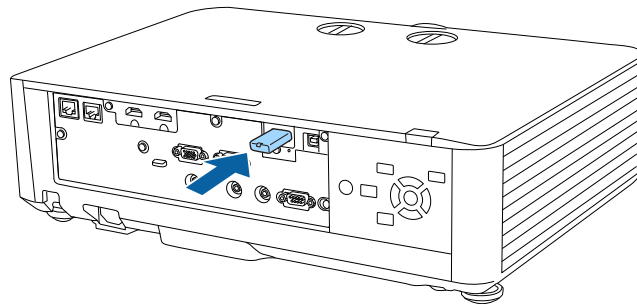
Note: Connect the flash drive directly to the projector. Do not use a hub or your settings may not be saved correctly.

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.
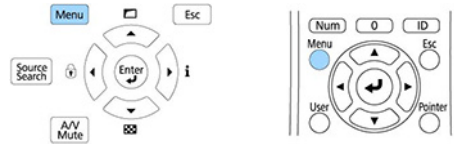
4. When all of the projector lights turn on, release the **Menu** button.

   The lights flash to indicate that settings are transferring to the projector. When the lights stop flashing, the On/Standby 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.

   Note: If the projector does not enter standby mode and the lights continue flashing, see the link below for a solution.

Parent topic: Copying Menu Settings Between Projectors

Related references
Projector Light Status

Related tasks
Connecting to a USB Device

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 7

• Windows 8.x

• Windows 10

• OS X 10.11.x

- macOS 10.12.x
- macOS 10.13.x
- macOS 10.14.x
- macOS 10.15.x
- macOS 11.x

1. Turn off the projector and unplug the power cord from the projector's power inlet.

2. Connect a USB Type-A to Type-B cable to your projector's **Service** port.
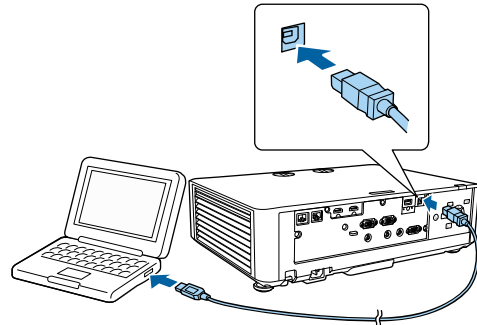
3. Connect the other end to any available USB port on your computer.

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.
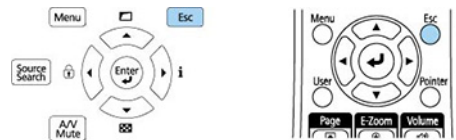
5. When all of the projector lights turn on, release the **Esc** button.

   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**, **Windows Explorer**, or **File Explorer** utility. Right-click the name of your projector (listed as a removable disk) and select **Eject**.

- **Mac:** Drag the removable disk icon for your projector from the desktop into the trash.

The projector turns off when you disconnect the USB cable.

Note: If the projector does not turn off and the lights continue flashing, see the link below for a solution.

Parent topic: Copying Menu Settings Between Projectors

Related references
Projector Light Status

Related tasks
Connecting to a USB Device

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 7
- Windows 8.x
- Windows 10
- OS X 10.11.x
- macOS 10.12.x
- macOS 10.13.x
- macOS 10.14.x
- macOS 10.15.x
- macOS 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.
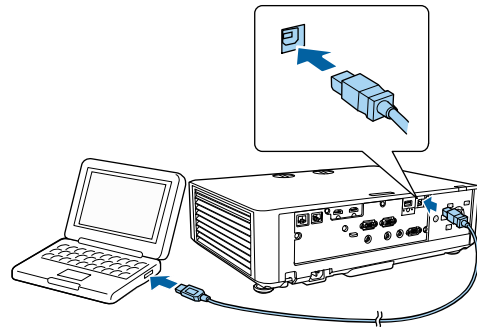
3. Connect the other end to any available USB port on your computer.

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.
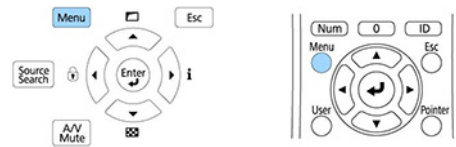
5. When all of the projector lights turn on, release the **Menu** button.

   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**, **Windows Explorer**, or **File Explorer** utility. Right-click the name of your projector (listed as a removable disk) and select **Eject**.

   • **Mac:** Drag the removable disk icon for your projector from the desktop into the trash.

   All the lights start flashing to indicate that the projector's settings are being updated. Disconnect the USB cable. When all of the indicators stop flashing, the projector turns off.

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

Note: If the projector does not turn off and the lights continue flashing, see the link below for a solution.

Parent topic: Copying Menu Settings Between Projectors

Related references

Projector Light Status

Related tasks

Connecting to a USB Device

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.
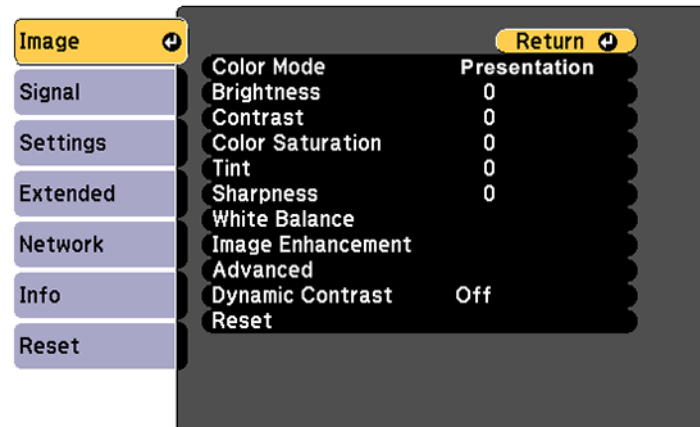
2. Press the up or down arrow button to move through the menus listed on the left. The settings for each menu are displayed on the right.

   Note: The available settings depend on the current input source, resolution, or other menu settings.

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.

Image	↵		Return ↵
		Color Mode	Presentation
Signal		Brightness	0
		Contrast	0
Settings		Color Saturation	0
		Tint	0
Extended		Sharpness	0
		White Balance	
Network		Image Enhancement	
		Advanced	
Info		Dynamic Contrast	Off
		Reset	
Reset			

Note: Available settings depend on the current input source.

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

Setting	Options	Description
Color Mode	Various options available	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
Sharpness	Varying levels available	Adjusts the sharpness of image details
White Balance	**Color Temp.** **G-M Correction** **Customized**	Adjusts the overall tint of the image **Color Temp.**: sets the color tone based on color temperature **G-M Correction**: higher values tint the image blue and lower values tint the image red **Customized**: lets you adjust the offset and gain of each color R (red), G (green), and B (blue) individually
Image Enhancement	**Noise Reduction** **MPEG Noise Reduction**	Adjusts the image resolution **Noise Reduction**: reduces flickering in analog images **MPEG Noise Reduction**: reduces the noise or artifacts seen in MPEG video

Setting	Options	Description
Advanced	**Gamma**	Adjusts the gamma levels of the image; select **Customized** to adjust the gamma while viewing the image or a graph
	RGBCMY	Adjusts the hue, saturation, and brightness for each color
	Deinterlacing	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
Dynamic Contrast	**Off** **Normal** **High Speed**	Adjusts the projected luminance based on the image brightness when certain Color Modes are selected **Normal**: for standard brightness adjustment **High Speed**: to adjust brightness as soon as the scene changes

Note: The **Noise Reduction** setting is not available if you have selected an interlaced (480i/576i/1080i) input signal.

Parent topic: Adjusting the Menu Settings

Related tasks

Turning On Dynamic Contrast

Adjusting Gamma

Adjusting the Hue, Saturation, and Brightness

Zooming Into and Out of Images

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.

Image	Return ↵
Signal ↵	Resolution Auto
	Aspect 4:3
Settings	Tracking 0
	Sync. 0
Extended	Position
	Auto Setup Off
Network	Blanking
	Advanced
Info	Scale
	Reset
Reset	
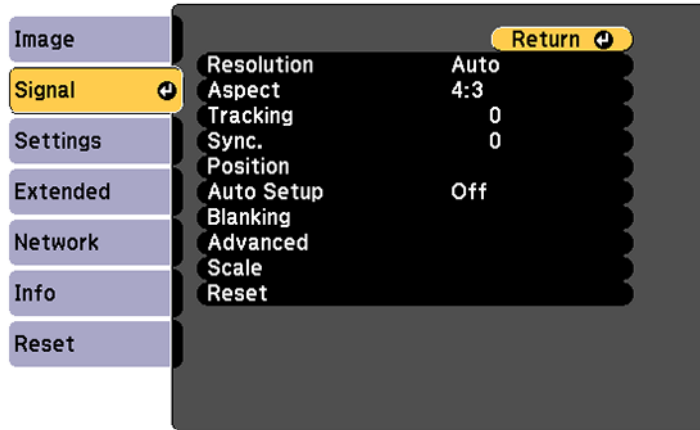
Note: You can restore the default settings of the **Position**, **Tracking**, and **Sync** settings by pressing the **Auto** button on the remote control.

Note: Available settings depend on the current input source.

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	**Top** **Bottom** **Left** **Right**	Hides an area of the projected image that you select using the arrow buttons

Setting	Options	Description
Advanced	**Video Range**	Sets the video range to match the setting of the device connected to the **HDMI1**, **HDMI2**, or **HDBaseT** port
	Input Signal	Specifies the signal type from input sources connected to the computer port
		Auto: detects signals automatically
		RGB: corrects color for computer/RGB video inputs
		Component: corrects color for component video inputs
	EDID	Describes the display capabilities of the projector to **HDMI** or **HDBaseT** video sources
Scale	Varying levels available	Adjusts the scale of the image displayed by each projector when using multiple projectors to display one image

Parent topic: Adjusting the Menu Settings

Related tasks
Changing the Image Aspect Ratio
Scaling an Image

Projector Feature Settings - Settings Menu

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

Note: Available settings depend on the current input source.

Setting	Options	Description
E-Zoom	Varying levels available	Adjusts the size of the projected image
Geometry Correction	**Off** **H/V-Keystone** **Quick Corner** **Arc Correction**	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 **Arc Correction**: select to correct image distortion when projecting on a curved surface
Split Screen	—	Divides the viewing area horizontally and displays two images side-by-side

Setting	Options	Description
Volume	Varying levels available	Adjusts the volume of the projector's speaker system
HDMI Link	Device Connections HDMI Link Audio Out Device Power On Link Power Off Link Link Buffer	Adjusts the HDMI Link options that allow the projector remote to control HDMI-connected devices that support the CEC standard **Device Connections**: lists the devices connected to the HDMI ports **HDMI Link**: enables or disables the HDMI Link function **Audio Out Device**: selects whether to output audio from the internal speakers or a connected audio/video system **Power On Link**: controls the projector or a linked device • **PJ -> Device** or **Bidirectional**: turns on the linked device when the projector is turned on • **Device -> PJ** or **Bidirectional**: turns on the projector when the linked device is turned on **Power Off Link**: controls whether linked devices are turned off when the projector is turned off **Link Buffer**: improves the performance of the linked operations by changing the settings if the HDMI Link function is not working correctly

Setting	Options	Description
Lock Setting	Control Panel Lock	Controls projector button locking to secure the projector **Full Lock**: locks all buttons **Partial Lock**: locks all buttons except the power button **Off**: no buttons locked
Brightness Settings	Light Source Mode Brightness Level Constant Brightness	Selects the brightness mode of the projector **Light Source Mode**: sets a brightness level (**Normal**, **Quiet**, **Extended**, **Custom**) **Brightness Level**: adjusts the brightness when **Light Source Mode** is set to **Custom** **Constant Brightness**: maintains a constant brightness level when **Light Source Mode** is set to **Custom**
Remote Receiver	Front/Rear Front Rear Off	Limits reception of remote control signals by the selected receiver; **Off** turns off all receivers
User Button	Various options available	Assigns a menu option to the **User** button on the remote control for one-touch access
Test Pattern	—	Displays a test pattern to assist in adjusting the image
Memory	Load Memory Save Memory Erase Memory Rename Memory	Save customized sets of settings to memory

Setting	Options	Description
Content Playback	**Content Playback** **Overlay Effect** **USB Viewer**	Plays back a playlist created in the Epson Projector Content Manager software **Content Playback**: turns **Content Playback** on or off **Overlay Effect**: adds color and effects to the projected image when **Content Playback** is set to **On** (not available when **Edge Blending** is set to **On**) **USB Viewer**: selects a specific playlist from a USB device connected to the projector when **Content Playback** is set to **On**
Reset	—	Resets all the **Settings** menu settings to their defaults except the following: • **E-Zoom** • **Audio Out Device** • **Power On Link** • **Power Off Link** • **Link Buffer** • **User Button** • **Memory**

Parent topic: Adjusting the Menu Settings

Related tasks

Setting the Screen Type
Correcting Image Shape with Quick Corner
Correcting Image Shape with Arc Correction
Correcting Image Shape with H/V-Keystone
Displaying a Test Pattern

Projector Setup Settings - Extended Menu

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

Image		Return ↵
Signal	Home Screen	
	Display	
	User's Logo	
Settings	Projection	Front
	Operation	
Extended ↵	A/V Settings	
	Standby Mode	
Network	HDBaseT	
	Multi-Projection	
Info	Schedule Settings	
	Language 🌐	English
Reset	Reset	

Note: Available settings depend on the current input source.

Setting	Options	Description
Home Screen	Home Screen Auto Disp. Custom Function 1 Custom Function 2	Select various options for the projector's Home screen **Home Screen Auto Disp.**: controls whether the Home Screen displays automatically when the projector is turned on **Custom Function 1/Custom Function 2**: lets you customize the options displayed on the Home Screen and save your settings as a preset
Display	—	See the **Display** settings 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
Operation	—	See the **Operation** settings table in this topic

Setting	Options	Description
A/V Settings	**A/V Output** **Audio Settings**	Selects various audio and video output settings **A/V Output**: select to output audio and video to an external monitor when the projector is in standby mode (disable **Quick Startup** to use this setting) **Audio Settings**: selects audio output settings • **Audio Output**: select the audio source to output when projecting images from the **Computer** ports • **HDMI1 Audio Output/HDMI2 Audio Output**: select the audio source to output when projecting images from the **HDMI1** or **HDMI2** ports
Standby Mode	**Communication On** **Communication Off** **Port**	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 (Control Communications must be set to **On**) **Port**: selects the port to use from **Wired LAN** or **Wireless LAN** when **Standby Mode** is set to **Communication On**

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** port

Setting	Options	Description
Multi-Projection	Projector ID Geometry Correction Color Mode Color Matching Color Uniformity RGBCMY	Select various options when projecting from multiple projectors **Projector ID**: sets the projector to a particular ID number which allows you to use a remote control to individually control projectors **Geometry Correction**: corrects image distortion **Color Mode**: adjusts the vividness of image colors for various image types and environments; select **Multi-Projection** for all the projectors **Color Matching**: corrects the difference between the tint and brightness of each projected image **Color Uniformity**: adjusts the color tone balance **RGBCMY**: adjusts the hue, saturation, and brightness for each color
Schedule Settings	Various scheduling options	Lets you schedule various projector tasks
Language	Various languages available	Selects the language for projector menu and message displays (not changed by **Reset** option)

Selecting the **Reset** option resets all adjustment values on the **Extended** menu to their default values, except for the following settings: **Screen**, **Color Uniformity**, **User's Logo**, **Display Background***, **Startup Screen***, **Projection**, **High Altitude Mode**, **Auto Source Search**, **Monitor Out Port**, **Release**

A/V Mute*, **Inv Direction Button**, **Date & Time**, **A/V Output**, **Standby Mode**, **HDBaseT**, **Multi-Projection**, **Schedule Settings**, and **Language**,

* If you enable the **User's Logo Protection** setting, you cannot change or reset this setting.

Display settings

Setting	Description
Menu Position	Selects the position of the projector menu displayed on the screen
Message Position	Selects the position of messages 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
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 (this setting is unavailable when projecting images from a computer over a network)
Color Uniformity	Adjusts the color tone balance
OSD Rotation	Rotates the menu display 90°

Operation settings

Setting	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	Sets the time before the projector automatically turns off (Sleep Mode must be turned on). If there is no active signal for a certain amount of time, the projector will dim the light source before the projector turns off.

Setting	Description
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 **Computer1** or **HDMI1** is selected, the projector turns on when an input signal is detected from those ports
Startup Source	Selects the image source to project when the projector is turned on in Content Playback mode
Quick Startup	Selects the time period in which you want to use Quick Start mode, which lets you restart the projector within five seconds of turning it off. You can select 20, 60, or 90 minutes of Quick Start time. Press the power button to quickly restart the projector in this mode.
Monitor Out Port	Changes the input and output for the **Computer2/Monitor Out** port
A/V Mute Settings	Adjusts the A/V Mute settings **A/V Mute Timer**: turns off the projector automatically if A/V Mute is enabled and 30 minutes of inactivity have passed **A/V Mute Release**: select **A/V Mute** if you want to use only the **A/V Mute** button to turn off A/V mute, or select **Any Button** to use any button to turn it off

Setting	Description
Advanced	**Remote Control Type**: 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: controls the beep that sounds when you turn the projector on or off
	Indicators: select **Off** to turn off projector lights, except warning lights
	Inv Direction Button: enable this setting if you installed the projector on a ceiling and want to invert the direction of the arrow buttons on the control panel
	Log Save Destination: select where you want to save projector operation log files
	Batch Setup Range: select which projector menu settings to copy using the batch setup feature; select **All** or select **Limited** to not copy the **EDID** settings, all Network menu settings, or the **Password Protection** settings
Date & Time	Adjusts the projector's time and date settings

Parent topic: Adjusting the Menu Settings

Related tasks

Changing the Projection Mode Using the Menus
Setting Up Projector Network E-Mail Alerts
Setting Up Crestron Connected
Selecting the Language for the Projector Menus
Setting the Date and Time
Selecting an Image Source
Changing the Image Aspect Ratio
Adjusting the Brightness
Starting a PC Free Slideshow
Shutting Off the Picture and Sound Temporarily
Adjusting the Color Tone (Color Uniformity)
Matching the Screens Manually

Adjusting RGBCMY

Related topics

Copying Menu Settings Between Projectors

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.

```
┌─────────────┐  ┌──────────────────────────────────────┐
│ Image       │  │                      ┌─ Return ⏎ ─┐   │
│             │  │ Wireless LAN Power        Off          │
│ Signal      │  │ Net. Info. - Wireless LAN              │
│             │  │ Net. Info. - Wired LAN                 │
│ Settings    │  │ Display the QR Code                    │
│             │  │ Network Configuration                  │
│ Extended    │  │                                        │
│             │  │                                        │
│ Network  ⏎  │  │                                        │
│             │  │                                        │
│ Info        │  │                                        │
│             │  │                                        │
│ Reset       │  │                                        │
│             │  │                                        │
└─────────────┘  └──────────────────────────────────────┘
```
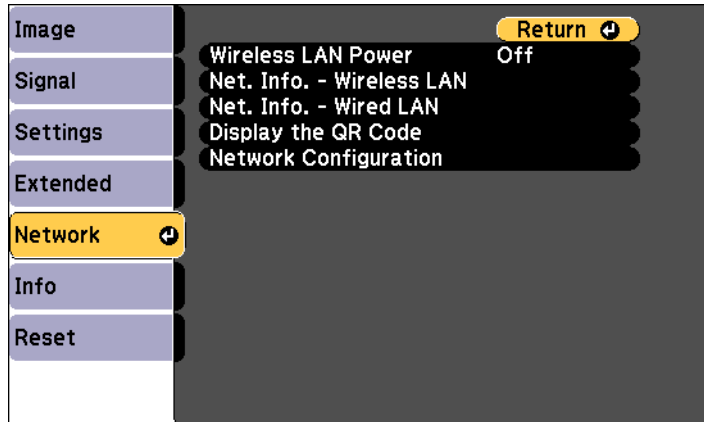
Note: Available settings depend on the current input source.

Setting	Options	Description
Wireless LAN Power	**On** **Off**	Turns on wireless LAN mode

Setting	Options	Description
Net. Info - Wireless LAN	Connection mode Wireless LAN Sys. Antenna Level Projector Name SSID DHCP IP Address Subnet Mask Gateway Address MAC Address Region Code IPv6	Displays wireless network status and details
Net. Info - Wired LAN	Projector Name DHCP IP Address Subnet Mask Gateway Address MAC Address IPv6 Address (Manual) IPv6 Address (Auto)	Displays wired network status and details
Display the QR Code	—	Displays a QR code for connecting with iOS or Android devices using the Epson iProjection app
Network Configuration	Accesses additional network menus	Configures your network settings

Parent topic: Adjusting the Menu Settings

Related concepts

Wireless Network Projection

Password Security Types

Related tasks

Selecting Wired Network Settings

Selecting Wireless Network Settings Manually

Setting Up Monitoring Using SNMP

Using a QR Code to Connect a Mobile Device

Setting Up Crestron Connected

Importing a Web Server Certificate Using the Projector Menus

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.
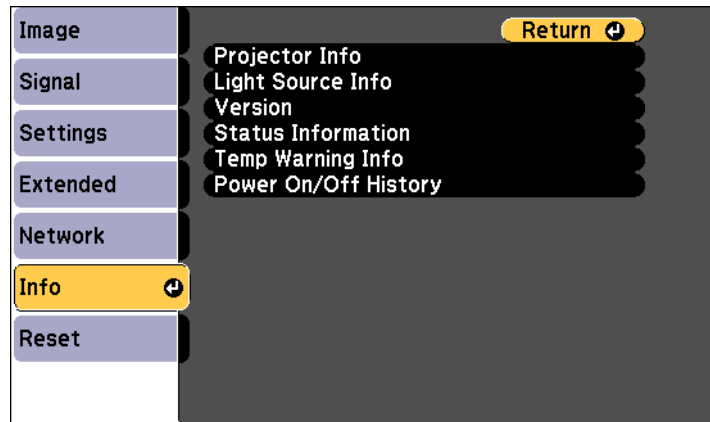
Note: Available information depends on the current input source.

Setting	Options	Description
Projector Info	**Operation Hours**	Displays the number of hours the projector has been used since it was turned on
	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
	Event ID	Displays the Event ID number corresponding to a specific projector problem; see the list of Event ID codes
	HDBaseT Signal Level	Displays the image signal information from the HDBaseT port
Light Source Info	**Light Source Hours**	Displays the number of hours (H) the light source has been used in various modes
Version	**Main**	Displays the projector's firmware information
Status Information	—	Displays basic status information

Setting	Options	Description
Temp Warning Info	—	Displays various high temperature warning information
Power On/Off History	—	Displays the projector's power on and power off history

Event ID Code List

Parent topic: Adjusting the Menu Settings

Related topics
Copying Menu Settings Between Projectors

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 network software did not start. Turn the projector off and then on again.
0435	
0433	Cannot display the transferred images. Restart the network software.
0434	Unstable network communication. Check the network communication status, wait a few moments, and try connecting to the network again.
0481	
0482	
0485	
0483	The network software quit unexpectedly. Check the network communication status, then turn the projector off and then on again.
04FE	
0484	Communication with computer was disconnected. Restart the network software.
0479	A projector system error has occurred. Turn the projector off and then on again.
04FF	
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 WEP/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 address. Make sure the DHCP server is operating correctly. If you are not using DHCP, turn off the **DHCP** setting in the Network menus.
0899	A communication error has occurred. Contact Epson for help.
089A	The EAP authentication type does not match the network. Check the wireless LAN security settings and make sure that the security certificate is installed correctly.
089B	EAP server authentication failed. Check the wireless LAN security settings and make sure that the security certificate is installed correctly.
089C	EAP client authentication failed. Check the wireless LAN security settings and make sure that the security certificate is installed correctly.
089D	Key exchange failed. Check the wireless LAN security settings and make sure that the security certificate is installed correctly.
0920	The internal battery that saves the projector's date and time settings is running low. Contact Epson support.

Parent topic: Projector Information Display - Info Menu

Projector Reset Options - Reset Menu

You can reset most of the projector settings if necessary.

Setting	Options	Description
Reset Memory	—	Resets the saved names and settings in the Save Memory list
Refresh Mode	**Timer** **Messages** **Start**	Select **Start** to clear an afterimage that remains in the projected image and turn off the projector after the time specified in the **Timer** screen. Press any button to cancel Refresh Mode. Set **Messages** to **On** to display a message that the projector is in Refresh Mode.

Setting	Options	Description
Light Source Calibration	**Run Now** **Run Periodically** **Schedule Settings** **Last Run**	Selects options to perform light source calibration to maintain the color balance of the projected image **Run Now**: Select **On** to start light source calibration now. Make sure the projector has been turned on for at least 20 minutes for maximum accuracy. **Note:** You may not be able to start calibration depending on the environmental temperature. **Run Periodically**: Select **On** to perform calibration every 100 hours of usage **Schedule Settings**: Goes to the Schedule Settings screen **Last Run**: Displays the date and time of the last light source calibration
Reset All Config	—	Resets most of the projector settings to their defaults*
Reset All (Factory Default)	—	Resets all projector settings to their defaults.** You may need to enter your password.

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

- E-Zoom
- Memory
- Content Playback
- User's Logo
- Display Background

- Startup Screen

- Color Uniformity

- Color Matching

- Schedule Settings

- Language

- Date & Time

- Network menu items

- Light Source Hours

- Password

- Password Protection settings

You cannot reset the following settings using the **Reset All (Factory Default) option:

- Date & Time

- Light Source Hours

- Password

- Password Protection settings

Parent topic: Adjusting the Menu Settings

Related tasks
Adding Effects to the Projected Image
Running Light Source Calibration

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 air filter and remote control batteries. If any other part needs replacing, contact Epson or an authorized Epson servicer.

This projector uses a sealed laser light source which does not need servicing and cannot be replaced.

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 Epson qualified servicers.

Cleaning the Lens
Cleaning the Projector Case
Air Filter and Vent 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 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 flammable residue.

  Parent topic: Projector Maintenance

Air Filter and Vent Maintenance

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

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

Damage due to the failure to properly maintain the projector or its filter may not be covered by the projector's Limited Warranty.

Cleaning the Air Filter
Replacing the Air Filter

Parent topic: Projector Maintenance

Related references

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 orange.

Note: It is recommended that you clean the air filter every 20,000 hours. Clean it more often if the projector is in a dusty environment.

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

2. Carefully remove the dust from the air filter cover with a vacuum or brush.
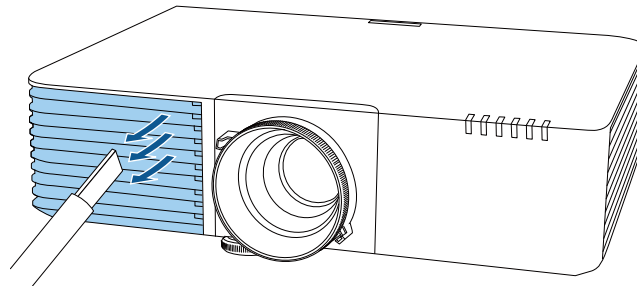
3. Turn the projector upside down.

4. Loosen the screws and remove the air filter cover.
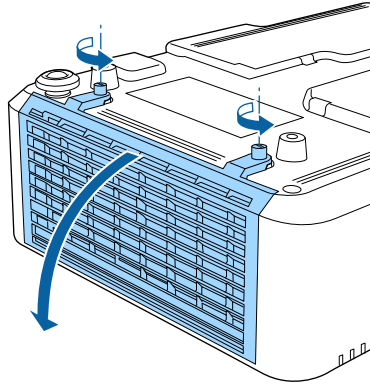
5. Pull the air filter out of the projector.
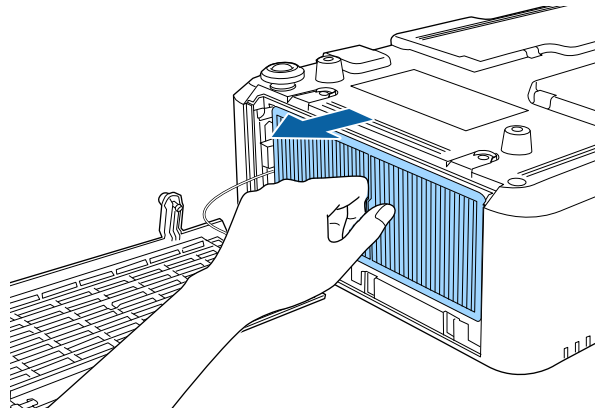
6. Tap each side of the air filter 4 to 5 times to shake off any excess dust.
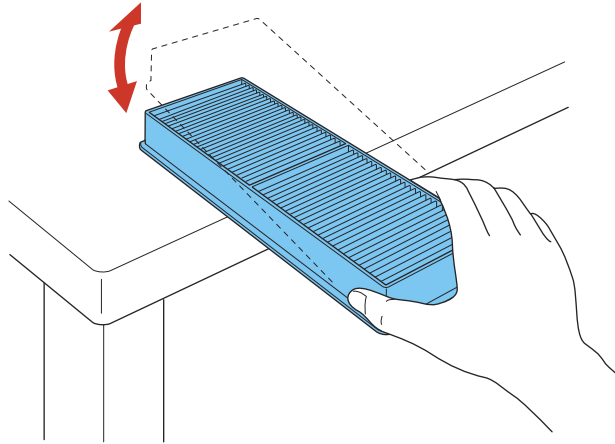
Caution: Do not use excessive force when tapping the air filter, or it may crack and become unusable. Do not rinse the air filter in water, or use any detergent or solvent to clean it. Do not use canned air; the gases may leave a residue, or push dust and debris into the projector's optics or other sensitive areas.

7. Vacuum the front of the air filter (the side with the tabs) to remove any remaining dust.
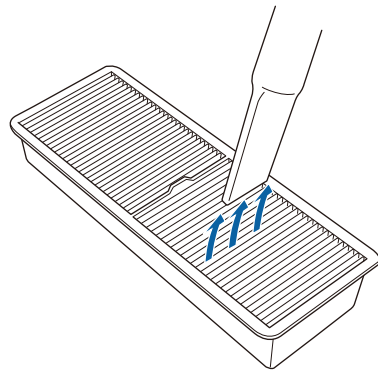
Note: If dust is difficult to remove or the air filter is damaged, replace the air filter.

8. Place the air filter back in the projector as shown.
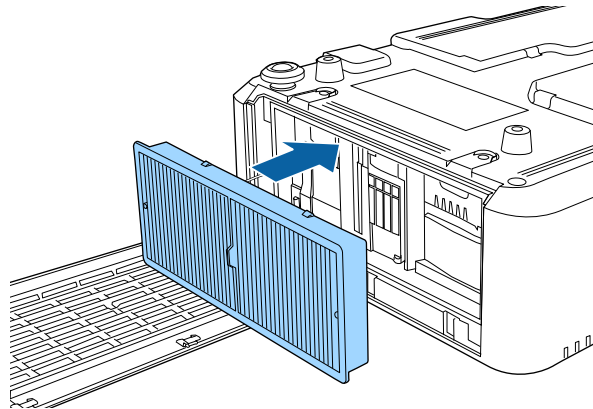
9. Replace the air filter cover and tighten the screws as shown.
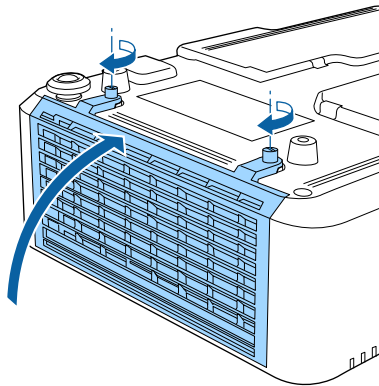
Parent topic: Air Filter and Vent Maintenance

Related references
Projector Light Status

Related tasks
Replacing the Air Filter

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
- After cleaning the air filter, the projector's Filter light continues to flash orange
- The air filter is torn or damaged

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

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

2. Loosen the screws securing the air filter cover and remove the air filter cover.
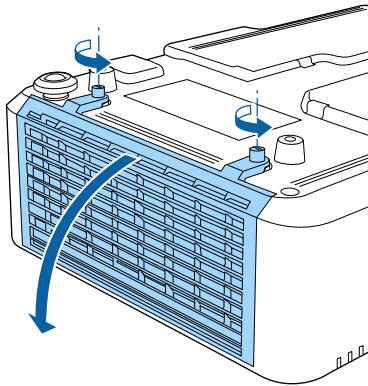
3. Pull the air filter out of the projector.
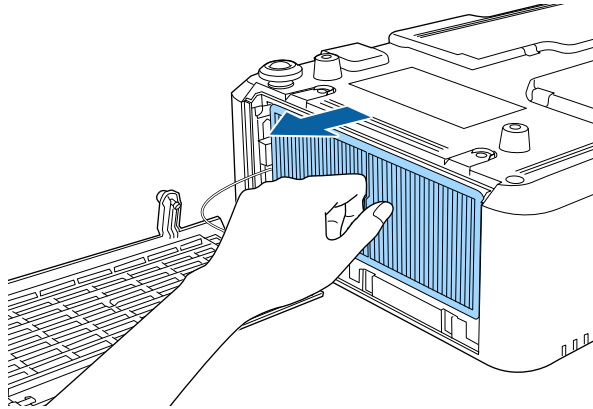
Note: Air filters contain polypropylene. Dispose of used air filters according to local regulations.

4. Place the new air filter in the projector as shown.
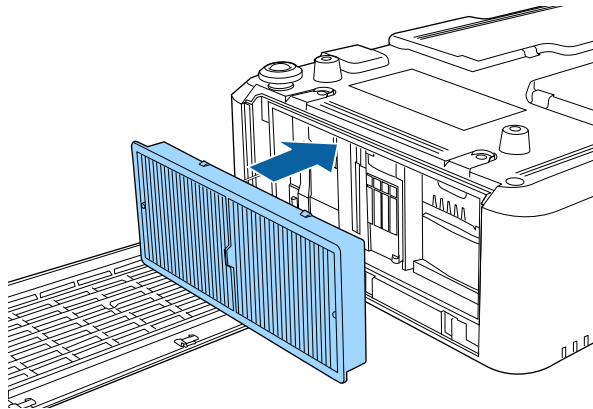
5. Replace the air filter cover and tighten the screws as shown.
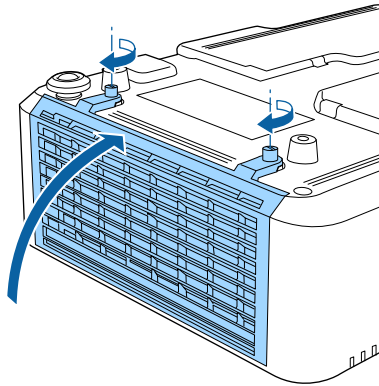
Parent topic: Air Filter and Vent Maintenance

Related references

Optional Equipment and Replacement Parts (U.S. and Canada)

Optional Equipment and Replacement Parts (Latin America)

Projector Light Status

Related tasks

Cleaning the Air Filter

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.
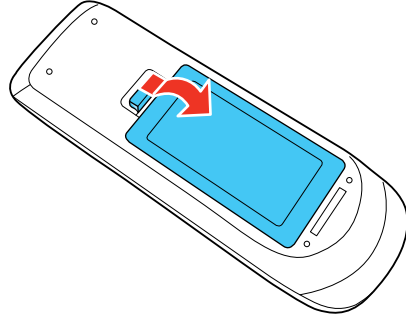
2. Remove the old batteries.

   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.
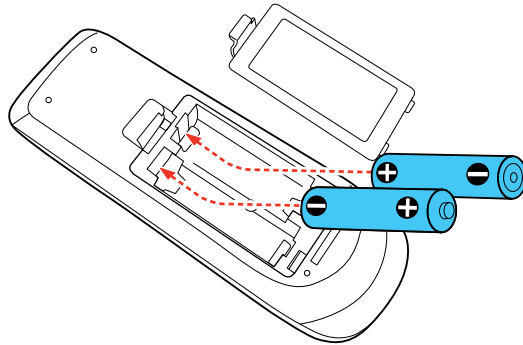
   Warning: Make sure the batteries are inserted in the correct positions. If the batteries are not inserted correctly, they could explode or leak, causing a fire, injury, or damage to the product.

4. Replace the battery cover and press it down until it clicks into place.
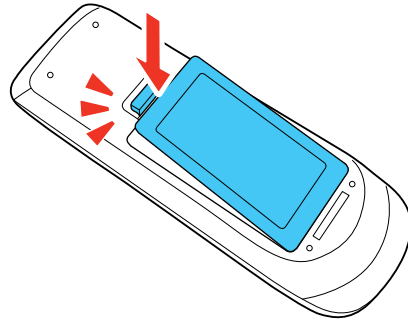
Warning: Dispose of used batteries according to local regulations. Do not expose batteries to heat or flame. Keep batteries out of the reach of children; they are choking hazards and are very dangerous if swallowed.

Parent topic: Projector Maintenance

Transporting the Projector

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

• Remove any equipment connected to the projector.

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

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

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

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

Parent topic: Maintaining and Transporting the Projector

Solving Problems

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

Projection Problem Tips

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

Related tasks
Using the Projector Help Displays
Using the Home Screen

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.
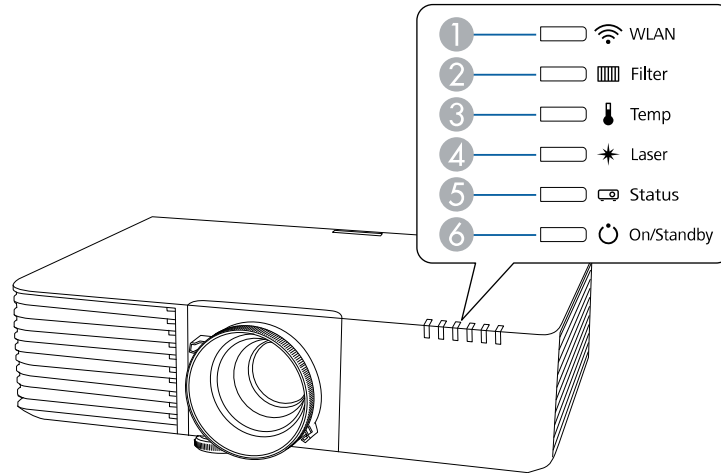
1	WLAN (wireless LAN) light
2	Filter light
3	Temp (temperature) light
4	Laser light
5	Status light
6	On/Standby (power) light

On/Standby (power) light	Status light	Laser light	Temp light	Filter light	Status and solution
Blue	Off	Off	Off	Off	Standby, sleep mode, or network monitoring and control

On/Standby (power) light	Status light	Laser light	Temp light	Filter light	Status and solution
Blue	Flashing blue	Off	Off	Off	Warming up or cooling down. Wait for about 30 seconds for an image to appear. All control panel buttons are disabled.
Blue	Blue	Off	Off	Off	Normal operation.
Flashing blue	Off	Off	Off	Off	Preparing for network monitoring or quick startup mode. All features are disabled.
Off	Flashing blue	Flashing orange	Off	Off	Internal error. Turn off the projector, unplug it from the electrical outlet, and contact Epson for help.
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.
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. • Make sure the room temperature is not too hot. • 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	Laser light	Temp light	Filter light	Status and solution
Off	Flashing blue	Orange	Off	Off	Laser has a problem. • 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.
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.
Varies	Varies	Flashing orange	Varies	Varies	The projector is unable to maintain constant brightness. The **Constant Brightness** setting is disabled.
Varies	Flashing blue	Flashing orange	Varies	Varies	Refresh mode is in progress.
Flashing blue	Varies	Varies	Flashing orange	Varies	High temperature warning. If the temperature gets too high, projection automatically stops. • Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects. • Make sure the room temperature is not too hot. • Clean or replace the air filter.

On/Standby (power) light	Status light	Laser light	Temp light	Filter light	Status and solution
Flashing blue	Varies	Flashing orange	Varies	Varies	Laser warning. Turn the projector off, unplug it, 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.
Varies	Varies	Varies	Varies	Flashing orange	It is time to clean the air filter.
		Flashing orange (fast)	Flashing orange (fast)		The batch setup file may be corrupt or the USB flash drive may not be connected correctly. Disconnect the USB flash drive, unplug the projector's power cord, and try again.
Flashing blue (fast)	Flashing blue (fast)	Flashing orange (fast)	Flashing orange (fast)		Writing the settings may have failed and an error may have occurred in the projector's firmware. Turn off the projector and unplug it from the electrical outlet. Contact Epson for help.

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

Wireless LAN status

WLAN light	Status and solution
Blue	Wireless LAN is available
Flashing blue (fast)	Connecting to a device
Flashing blue (slow)	An error occurred. Turn off the projector, then restart it.
Off	Wireless LAN is not available. Make sure the wireless LAN settings are correct.

Parent topic: Solving Problems

Related references

Where to Get Help (U.S. and Canada)

Where to Get Help (Latin America)

Related tasks

Saving Settings to a USB Flash Drive

Transferring Settings from a USB Flash Drive

Saving Settings to a Computer

Transferring Settings from a Computer

Cleaning the Air Filter

Replacing the Air Filter

Viewing Projector Status Information

You can monitor the projector's status and view error information on the projected screen.

1. Turn on the projector.

2. Press the right arrow button on the control panel.

3. Press the left or right arrow button 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
- **Version**: projector's firmware version

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
Intake Air Temp	Displays the air intake temperature
Internal Temp Lv	Displays the projector's internal temperature
Laser Status	Displays the operating status of the light source

Source category

Information	Description
Source	Displays the source currently being used
Resolution	Displays the resolution of the current input signal
Color Space	Displays the color space of the current input signal
H-Frequency	Displays the horizontal frequency of the current input signal
V-Frequency	Displays the vertical frequency of the current input signal

Information	Description
Sync Polarity	Displays the sync polarity
Sync Mode	Displays the sync type
Detected Mode	Displays the detected mode of the current input signal
Video Range	Displays the video range of the projector

Signal Information category

Information	Description
5V Detect	Displays the detection results of 5V signals
TMDS Clock	Displays the TMDS frequency of the current input signal
H-Frequency	Displays the horizontal frequency of the current input signal
V-Frequency	Displays the vertical frequency of the current input signal
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 VIC	Displays the VIC information (AVI) of the current input signal
AVI Checksum	Displays the checksum result for AVI
AVI Sampling Str	Displays the color sampling for AVI
Signal Mode	Displays the signal mode
HDBaseT Level	Displays the image signal 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
SSID	Displays the SSID
DHCP	Displays the DHCP settings
IP Display	Displays the IP address display settings
IP Address	Displays the IP address
MAC Address	Displays the MAC address
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

Information	Description
Laser Op. Time	Displays the laser operating time for each Light Source Mode setting

Version category

Information	Description
Serial No.	Displays the projector's serial number
Main	Display the projector's firmware version information
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
Sensor Error	A sensor error occurred
Power Error	A power error occurred
Internal Error	An internal error 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
Power Warning	A power warning occurred
Clean Filter	An air filter notice occurred; clean the air filter
Laser Error	A laser error has occurred

Status	Description
Laser Warning	A laser warning has occurred
Temp Error FE	A laser error has occurred because the laser temperature is too high
Temp Warning FE	A laser warning has occurred because the laser temperature is too high

Parent topic: Viewing Projector Status Information

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. Press the arrow buttons to select **Help**.

4. Press **Enter**.

   You see the Help menu.

5. Press 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 No Image Appears on an External Monitor
Solutions When "Not Supported" Message Appears
Solutions When Only a Partial Image Appears
Solutions When the Image is Not Rectangular

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 or projector to see if the image was temporarily turned off.

- Check the status lights to confirm the projector is operating normally.

- Make sure all necessary cables are securely connected and the power is on for the projector and connected video sources.

- If you connected your video source to the **Computer2/Monitor Out** port, make sure you set the **Monitor Out Port** setting to **Computer2**.

- 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.

- If the projector does not respond when you press any buttons on the projector, an internal error may have occurred in the projector. Contact Epson for help.

- Adjust the **Brightness** setting on the Image menu.

- Adjust the brightness of your projector's light source.

- Check the Display menu to make sure the **Messages** setting 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.

- 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.

- The projector may not be able to project copyrighted videos that you play back on a computer. For details, see the manual supplied with your computer.

Parent topic: Solving Image or Sound Problems

Related references

Related tasks

Solutions When "No Signal" Message Appears

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

• Press the **Source 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 you are projecting from an HDMI source, replace the HDMI cable with a shorter one.

• Try a different video cable.

• If the other solutions do not solve the problem, reset all of the projector settings using the options on the **Reset** menu.

Parent topic:

Related references

Related tasks

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. To display on both the laptop's monitor and the projector, try pressing the same keys again.

   Note: On Windows 7 or later, hold down the Windows key and press **P** at the same time, then click **Duplicate**.

2. 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.)

3. If necessary, check your video card settings and set the multiple display option to **Clone**, **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**, **Display**, or **Color LCD**.

2. Click the **Arrange** or **Arrangement** tab.

3. Select the **Mirror Displays** checkbox.

Parent topic: Solutions When "No Signal" Message Appears

Solutions When No Image Appears on an External Monitor

If no image appears on a connected external monitor, try the following solutions:

• Make sure your external monitor's cable is connected to the monitor and to the projector's **Monitor Out** port.

• Make sure you set the **Monitor Out Port** setting to **Monitor Out**.

Parent topic: Solving Image or Sound Problems

Related references
Projector Setup Settings - Extended Menu

Solutions When "Not Supported" Message Appears

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

• Make sure the correct input signal is selected on the Signal menu.

• Make sure the computer's display resolution does not exceed the projector's resolution and frequency limit. If necessary, select a different display resolution for your computer. (See your computer manual for details.)

Parent topic: Solving Image or Sound Problems

Related references

Input Signal Settings - Signal Menu

Supported Video Display Formats

Solutions When Only a Partial Image Appears

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

• For VGA connections, press the **Auto** button on the remote control to optimize the image signal.

• Make sure you selected the correct **Screen Type** setting for the screen you are using.

• Make sure the **Scale** setting in the Signal menu is turned off.

• Make sure the **Resolution** setting in the Signal menu is set correctly for the input signal.

• Try adjusting the image position using the **Screen Position** menu setting.

• Press the **Aspect** button on the remote control to select a different image aspect ratio.

• Check the **Blanking** setting in the Signal menu.

• If you zoomed into or out of the image using the **E-Zoom** buttons, press the **Esc** button until the projector returns to a full display.

• Check your computer display settings to disable dual display and set the resolution within the projector's limits. (See your computer manual for details.)

• Check the resolution assigned to your presentation files to see if they are created for a different resolution than you are projecting in. (See your software help for details.)

• Make sure you selected the correct **Projection** setting in the Extended menu.

• If you are projecting in **Content Playback** mode, make sure you are using the correct **Overlay Effect** setting in the Settings menu.

Parent topic: Solving Image or Sound Problems

Related references

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 are mounting the projector from the ceiling, use the adjustment controls on the mount at the time of installation.

• Try to fix the image using lens shift before adjusting the **Keystone** setting.

• Adjust the image shape using the **Geometry Correction** menu settings.

• Adjust the **Arc Correction** setting to correct the image shape projected on a curved surface.

Parent topic:

Related references

Related tasks

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

• If you adjusted the image shape, adjust the **Sharpness** setting in the Image menu.

• 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 **Deinterlacing** and **Noise Reduction** settings.

• If available for your video source, select **Auto** as the Resolution setting in the Signal menu.

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

- Clean the projector lens.

- If you are projecting from a computer using a VGA cable, 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.

- Make sure the correct **Video Range** or **EDID** settings are selected in the Signal menu.

Parent topic: Solving Image or Sound Problems

Related references
Image Quality Settings - Image Menu
Input Signal Settings - Signal Menu
Supported Video Display Formats

Solutions When the Image is Fuzzy or Blurry

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

- Adjust the image focus.

- Clean the projector lens.

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

- Position the projector close enough to the screen.

- Position the projector so the keystone adjustment angle is not so wide that it distorts the image.

- Adjust the **Sharpness** setting to improve image quality.

- If you are projecting from a computer using a VGA cable, press the **Auto** button on the remote control to automatically adjust the tracking and sync. If any bands or overall blurriness remain, display a uniformly patterned image on the screen and manually adjust the **Tracking** and **Sync** settings.

- If you are projecting from a computer, use a lower resolution or adjust the computer's resolution to match the projector's native resolution, if possible.

Parent topic: Solving Image or Sound Problems

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

Related tasks

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**, and/or **Color Saturation**.

• Make sure you selected the correct **Video Range** or **EDID** 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.

• Make sure the **Brightness Settings** options in the Settings menu are set correctly.

• Position the projector close enough to the screen.

• When using multiple projectors, make sure **Light Source Calibration** in the Reset menu is set correctly in all of the projectors. If light source calibration is performed only in some of the projectors, the white balance and the brightness level of the projected image may differ between the projectors.

Parent topic: Solving Image or Sound Problems

Related references

Projector Setup Settings - Extended Menu
Image Quality Settings - Image Menu
Input Signal Settings - Signal Menu

Related tasks

Changing the Color Mode

Solutions When an Afterimage Remains On the Projected Image

If you see an afterimage in the projected image, select **Refresh Mode** > **Start** in the Reset menu.

Parent topic: Solving Image or Sound Problems

Related references

Projector Reset Options - Reset Menu

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 control panel or remote control to resume video and audio if they were temporarily stopped.

- 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 cable connection between the projector and your video source.

- Try disconnecting and reconnecting the audio cable.

- 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.

- If the volume for the computer is set to the minimum while the projector's volume is set to maximum, the sound level may be mixed. Turn up the computer's volume and decrease the projector's volume (when using Epson iProjection [Windows/Mac]).

- Make sure the **A/V Settings** options are set up correctly in the Extended menu.

- 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 concepts

Projector Connections

Related tasks

Solutions to PC Free Problems

If you are having problems with the PC Free feature on your projector, try the following solutions:

• If any file names are longer than the display area or include unsupported symbols, the displayed file names are shortened or changed in PC Free. To avoid this, shorten or change the file name on the USB drive.

• If you are using a USB device with a slow transfer speed, you may not be able to project movies correctly.

• You cannot play movies saved with a movie codec other than H.264 and H.265. (H.265 only supports Main Profile.)

• You cannot play audio saved with an audio codec other than LPCM and AAC-LC.

Parent topic: Solving Image or Sound Problems

Related topics

Solving Projector or Remote Control Operation Problems

Check the solutions in these sections if you have problems operating the projector or remote control.

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 laser 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** setting to change the sleep interval.

- If the projector's light source turns off unexpectedly, the A/V mute timer may be enabled. Select **Off** as the **A/V Mute Timer** setting.

- 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.

- The cooling fans may run in standby status depending on the projector settings. Also, when the projector wakes from standby status, the fans may cause an unexpected noise. This is not a malfunction.

Parent topic: Solving Projector or Remote Control Operation Problems

Related references

Projector Light Status

Projector Setup Settings - Extended Menu

Projector Feature Settings - Settings Menu

Related tasks

Unlocking the Projector's Buttons

Solutions to Remote Control Problems

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

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

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

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

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

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

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

- If the remote receiver setting is off, press and hold the **Menu** button on the remote for at least 15 seconds to restore the default setting.

- 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).

- 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 Setup Settings - Extended Menu
Projector Feature Settings - Settings Menu
Remote Control Operation

Related tasks

Setting the Projector ID
Replacing the Remote Control Batteries

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 lose the remote control, you cannot enter a password. Order a new one from Epson.

- 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 Epson 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**

Parent topic: Solving Projector or Remote Control Operation Problems

Related references

Where to Get Help (U.S. and Canada)

Where to Get Help (Latin America)

Solutions When a Battery Message Appears

If you see a message telling you that the battery that saves your clock settings is running low, contact Epson for help.

Parent topic: Solving Projector or Remote Control Operation Problems

Related references

Where to Get Help (U.S. and Canada)

Where to Get Help (Latin America)

Solving Network Problems

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

Solutions When Wireless Authentication Fails

Solutions When You Cannot Access the Projector Through the Web

Solutions When Network Alert E-Mails are Not Received

Solutions When the Image Contains Static During Network Projection

Parent topic: Solving Problems

Solutions When Wireless Authentication Fails

If you cannot authenticate a wireless connection, try the following solutions:

• If the wireless settings are correct, but authentication fails, you may need to update the **Date & Time** settings in the Extended menu, if available.

• Check the **Security** settings and passphrase in the Network menu.

• If the access point security is WPA3-EAP, change the access point setting to **WPA2/WPA3-EAP**.

Parent topic: Solving Network Problems

Related references

Projector Network Settings - Network Menu

Related tasks

Setting Up Wireless Network Security

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.

- If your Web browser is set up to connect via a proxy server, the **Epson Web Control** screen cannot be displayed. Make settings for a connection without using a proxy server.

- If you set **Standby Mode** to **Communication On** in the projector's Extended menu, make sure the network device is turned on. After turning on the network device, turn on the projector.

- Connect to a wired LAN, or to a wireless LAN with the **Connection Mode** setting set to **Advanced**.

Note: The user ID and password are case sensitive.

Parent topic: Solving Network Problems

Related references
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 Notifications 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. Connect to a wired LAN, or to a wireless LAN with the **Connection Mode** setting set to **Advanced**.Change the **Port** setting according to your network environment.

Parent topic: Solving Network Problems

Related references
Projector Network Settings - Network Menu

Solutions When the Image Contains Static During Network Projection

If the projected image contains static during network projection, try the following solutions:

- Check for any obstacles between the access point, the computer, the mobile device, and the projector. If necessary, change their positions to improve communication. Also make sure that they are not too far apart; move them closer together and try to connect again.

- If the wireless connection is slow or your projected image contains noise, check for interference from other equipment, such as a Bluetooth device or microwave. Move the interfering device farther away or expand your wireless bandwidth.

- If the connection speed declines, reduce the number of connected devices.

Parent topic: Solving Network Problems

Solutions to Problems Using Content Playback

If you cannot play back a playlist correctly, try the following solutions:

- Check the following on all projectors:

  - All projectors are the same model. If any of the projectors are a different model or have a different resolution, synchronized playback may not be performed properly.

  - Make sure the name, date, and time settings are correct.

  - Make sure all projectors are connected to the same network.

  - Make sure the **Content Playback** setting is turned on in the Settings menu.

- Make sure your USB device contains a playlist.

- Make sure your USB device is connected directly to the projector and not through a USB hub or card reader.

- If the USB device is partitioned, you may not be able to play back playlists. Delete all of the partitions before saving the playlists on your USB device.

- Do not share a playlist between projectors that are different in resolution. Color and shape effects added by using the **Overlay Effect** setting may not be reproduced correctly.

Parent topic: Solving Problems

Related tasks

Projecting a Playlist in Content Playback Mode
Creating a Playlist Using Epson Web Control
Adding Effects to the Projected Image

Solutions to HDMI Link Problems

If you cannot control an HDMI device using the HDMI Link feature, try the following solutions:

- Make sure all necessary cables are securely connected and the power is on for the projector and connected video sources.

- Make sure the cables meet the HDMI CEC standard.

- Make sure the connected device meets the HDMI CEC standard. See the documentation supplied with the device for more information.

- Check if the device is available in the **Device Connections** list in the **Settings** menu. If the device does not appear, it does not meet the HDMI CEC standards. Connect a different device.

- Make sure the connected devices are turned on and in standby status. See the documentation supplied with the device for more information.

- If you connected a new device or changed any connections, make sure the CEC function is set for the connected device. You may need to restart the device.

- Connect no more than three devices that support HDMI CEC at the same time.

- If you have connected a speaker or receiver, set the output to PCM.

Parent topic: Solving Problems

Where to Get Help (U.S. and Canada)

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) and select your product 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) in the U.S. or 800-807-7766 in Canada. Or you can purchase online at epsonstore.com (U.S. sales) or epsonstore.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

Where to Get Help (Latin America)

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

Internet Support

Visit Epson's support website at latin.epson.com/support and select your product 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

Before you call for support, please have the following information ready:

• Product name

• Product serial number (located on the bottom or rear of the projector, or in menu system)

• Proof of purchase (such as a store receipt) and date of purchase

• Computer or video configuration

• Description of the problem

Then call:

Country	Telephone
Argentina	(54 11) 5167-0300 0800-288-37766
Bolivia*	800-100-116
Brazil	State capitals and metropolitan areas: 3004-6627 Other areas: 0800-377-6627 / 0800-EPSONBR
Chile	(56 2) 2484-3400
Colombia	Bogota: (57 1) 592-2200 Other cities: 018000-915235
Costa Rica	800-377-6627
Dominican Republic*	1-888-760-0068
Ecuador*	1-800-000-044
El Salvador*	800-6570
Guatemala*	1-800-835-0358
Mexico	Mexico City: (52 55) 1323-2052 Other cities: 01-800-087-1080
Nicaragua*	00-1-800-226-0368
Panama*	00-800-052-1376
Paraguay	009-800-521-0019
Peru	Lima: (51 1) 418-0210 Other cities: 0800-10126
Uruguay	00040-5210067
Venezuela	(58 212) 240-1111

*Contact your local phone company to call this toll-free number from a mobile phone.

Note: Toll or long distance charges may apply. If your country does not appear on the list, contact the sales office in the nearest country.

Purchase Supplies and Accessories

You can purchase optional accessories and replacement parts from an Epson authorized reseller. To find the nearest reseller, go to latin.epson.com. Or you can contact your nearest sales office as described in "Where to Get Help."

Parent topic: Solving Problems

Technical Specifications

These sections list the technical specifications of your projector.

General Projector Specifications

Type of display	Poly-silicon TFT active matrix
Resolution	1280 × 800 pixels (WXGA) x 3
Lens	F=1.5 to 2.0
	Focal length: 18.2 to 29.2 mm
Color reproduction	Up to 1.07 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.	Normal (High) power consumption mode: White light output 5200 lumens (ISO 21118 standard) Color light output 5200 lumens Quiet/Extended power consumption mode: White light output 3640 lumens (ISO 21118 standard)
Contrast ratio	Over 2,500,000:1 with Dynamic Contrast on
Image size (in native aspect ratio)	29 inches (0.74 m) to 280 inches (7.11 m)

Projection distance	33.5 inches (0.85 m) to 332.7 inches (8.45 m) (Zoom: Wide)
(in native aspect ratio)	55.1 inches (1.40 m) to 539.8 inches (13.71 m) (Zoom: Tele)
Projection methods	360°
Optical aspect ratio	16:10
(width-to-height)	
Focus adjustment	Manual
Zoom adjustment	1.0 to 1.6 (Optical Zoom)
(Tele-to-Wide)	
Internal sound system	10 W monaural
Noise level	31 dB (Normal power consumption mode)
	23 dB (Quiet power consumption mode)
Keystone correction angle	Vertical: ± 30°
	Horizontal: ± 30°
USB Type B port compatibility	USB 2.0 compliant port for batch settings and service
USB Type A port compatibility	One USB 1.1 and 2.0 compliant port for USB device input, Epson document camera display, or wireless LAN unit

Parent topic:

Projector Light Source Specifications

Type	Laser diode
Light source output power	44 W x 2
Wavelength	449 to 461 nm
Light source life	Normal/Quiet Light Source Mode:
(approximate)	Up to about 20000 hours
	Extended Light Source Mode:
	Up to about 30000 hours

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

Parent topic: Technical Specifications

Remote Control Specifications

Reception range	26 feet (8 m)
Batteries	Two alkaline or manganese AA

Parent topic: Technical Specifications

Projector Dimension Specifications

Height (excluding feet)	4.8 inches (122 mm)
Width	17.3 inches (440 mm)
Depth	12.0 inches (304 mm)
Weight	16.1 lb (7.3 kg)
(approximate)	

Parent topic: Technical Specifications

Projector Electrical Specifications

Rated frequency	50/60 Hz
Power supply	100 to 240 V AC ±10%
	3.1 to 1.4 A
Power consumption	Operating:
(100 to 120 V)	Normal power consumption mode: 301 W
	Quiet/Extended power consumption mode: 232 W
	Standby:
	0.4 W (Communication Off), 2.0 W (Communication On)

Power consumption	Operating:
(220 to 240 V)	Normal power consumption mode: 293 W
	Quiet/Extended power consumption mode: 223 W
	Standby:
	0.4 W (Communication Off), 2.0 W (Communication On)

Parent topic: Technical Specifications

Projector Environmental Specifications

Temperature	**Single projector** (up to 7500 feet [2286 m]):
	Operating: 32 to 113 °F (0 to 45 °C)
	Single projector (over 7500 feet [2286 m]):
	Operating: 32 to 104 °F (0 to 40 °C)
	Multiple projectors (up to 7500 feet [2286 m]):
	Operating: 32 to 104 °F (0 to 40 °C)
	Multiple projectors (over 7500 feet [2286 m]):
	Operating: 32 to 95 °F (0 to 35 °C)
	Storage: 14 to 140 °F (-10 to 60 °C)
	Light source brightness automatically dims if the surrounding temperature gets too high — approximately 95 °F (35 °C) at an altitude of 0 to 7,500 feet (2,286 m), and approximately 86 °F (30 °C) at an altitude above 7,500 feet (2,286 m). This may vary depending on the surrounding environment.
Humidity (relative, non-condensing)	Operating: 20 to 80%
	Storage: 10 to 90%
Operating altitude	Up to 4921 feet (1500 m)
	Up to 10,000 feet (3048 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
	UL62368-1 2nd edition
	(cTUVus Mark)
Canada	ICES-003 Class B
	CSA C22.2 No.60950-1-07
	CSA C22.2 No.62368-1-14
	(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	60-1	1280 × 768
	60-3	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
SXGA1	70/75/85	1152 × 864
SXGA2	60/75/85	1280 × 960
SXGA3	60/75/85	1280 × 1024
SXGA+	60/75	1400 × 1050
WSXGA+	60*	1680 × 1050
UXGA	60	1600 × 1200
1920 × 1080	50/60	1920 × 1080
Component video		
SDTV (480p)	59.94	720 × 480
SDTV (576p)	50	720 × 576
HDTV (720p)	50/59.94/60	1280 × 720
HDTV (1080p)	50/59.94/60	1920 × 1080
HDMI/HDBaseT Control input signals		
VGA	60	640 × 480
SVGA	60	800 × 600
XGA	60	1024 × 768
WXGA	60	1280 × 800
	60-3	1366 × 768
WXGA+	60	1440 × 900
WXGA++	60	1600 × 900
WSXGA+	60	1680 × 1050
SXGA2	60	1280 × 960
SXGA3	60	1280 × 1024
SXGA+	60	1400 × 1050
UXGA	60	1600 × 1200

Display format	Refresh rate (in Hz)	Resolution (in pixels)
1920 × 1080	50/60	1920 × 1080
QXGA	60	2048 × 1536
WQHD	60	2560 × 1440
WQXGA (Reduced Blanking)	60	2560 × 1600
SDTV (480i/480p)	59.94	720 × 480
SDTV (576i/576p)	50	720 × 576
HDTV (720p)	50/59.94/60	1280 × 720
HDTV (1080i)	50/59.94/60	1920 × 1080
HDTV (1080p)	23.98/24/29.97/30/50/59.94/60	1920 × 1080

* Only compatible when **Image** > **Resolution** is set to **Wide**.

Parent topic: Technical Specifications

Notices

Check these sections for important notices about your projector.

Recycling (U.S. and Canada)

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

Laser Safety Information

This projector is a Class 1 laser product that complies with the IEC/EN60825-1:2014 international standard for lasers. Follow these safety instructions when using the projector.

Warning: Possibly hazardous optical radiation emitted from this product. Do not look at operating light source. Eye injury may result.

- If an error occurs in the projector, turn off the power and unplug the projector immediately. Continuing to use the projector could result in an electric shock, fire, or visual impairment. Contact Epson support.

- Do not attempt to disassemble or modify the projector. The projector contains a high-power laser component. Serious injury could result.

- Do not look into the lens during projection. Also, do not look into the lens using optical devices, such as a magnifying glass or telescope. This could cause visual impairment.

- Do not place flammable objects in front of the lens. Objects could catch fire.

- When turning on the projector at a distance using the remote control, make sure no one is looking into the lens.

- Do not allow small children to operate the projector. Children must be accompanied by an adult.

- Do not apply optical devices, such as a magnifying glass or reflector, to the projected image. Using the projector may result in physical harm, fire, or an accident.

- Do not block the light from the lens during projection. The high temperature in this area could cause burns, fire, or other damage. The lens may overheat due to the reflected light and could cause the projector to malfunction.

- Before using the projector, make sure there is nothing in the area that could reflect the projected image.

- When disposing of the projector, do not disassemble it. Dispose of the projector in accordance with your local or national laws and regulations.
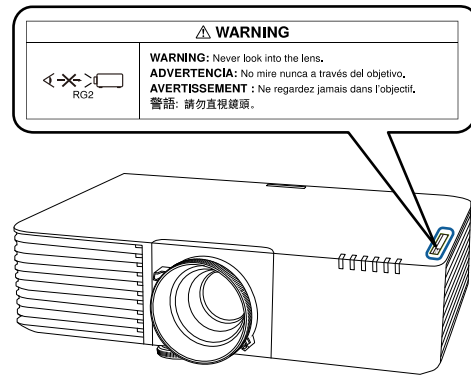
Laser warning labels are attached to the projector.

- **Inside**

- **Top**

  As with any bright source, do not stare into the beam (RG2 IEC/EN 62471-5:2015).

  .

  Warning: MOUNT ABOVE THE HEADS OF CHILDREN. The use of a ceiling mount is recommended with this product to place it above the eyes of children.

  Complies with FDA performance standards for laser products except for conformance as a Risk Group 2 LIP as defined in IEC 62471-5: Ed. 1.0. For more information see Laser Notice No. 57, dated May 8, 2019.

  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.

- When turning on the projector at a distance using the remote control, make sure there is no one looking into the lens.

- Do not place the projector on an unstable cart, stand, or table or on a surface that is unable to support its weight. Otherwise, it could fall or topple causing an accident and injury.

- You must install a ceiling mount when suspending the projector from a ceiling. If you do not install the projector correctly, it could fall and cause damage or injury.

- Failure to install the ceiling mount and projector may cause the projector to fall. After installing the specific Epson mount that supports your projector, make sure you secure the mount to all of the projector's ceiling mount fixing points. Also, secure the projector and the mounts using wire that is strong enough to hold their weight.

- Do not install in locations where salt damage could occur, or in locations subject to corrosive gas such as sulphuric gas from hot springs. Otherwise, corrosion could cause the projector to fall. It could also cause the projector to malfunction.

- When installing the projector in a high position, take measures to prevent it from falling by using wires to ensure safety in an emergency, such as an earthquake, and to prevent accidents. If the projector is not installed correctly, the projector could fall. This may result in injury or accidents. Contact your dealer to carry out the installation work.

- 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 install the projector in locations exposed to high humidity and dust, such as on a kitchen counter, in the kitchen, or near a humidifier, or in locations exposed to oil smoke or steam. Doing so could cause fire or electric shock. The projector's case could also deteriorate and be damaged causing the projector to fall from the mount.

  Examples of environments that could cause the projector to fall due to case deterioration:
  - Locations subject to excessive smoke or airborne oil particles, such as factories or kitchens
  - Locations containing volatile solvents or chemicals, such as factories or laboratories
  - Locations where the projector could be subjected to detergents or chemicals, such as factories or kitchens
  - Locations in which aroma oils are often used, such as relaxation rooms
  - Near devices that produce excessive smoke, airborne oil particles, or foam at events

- 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. If the vents are covered, the internal temperature could rise and cause a fire. Do not place the projector in locations subject to high temperatures, such as near heating equipment. 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. On the side where hot air is exhausted from the projector, leave at least 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 59 inches (150 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 use or store the projector in locations where it will be subject to dust or dirt. Otherwise, the quality of the projected image may decline, or the air filter may become clogged, resulting in a malfunction or fire.

- 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 (20 to 80% humidity, no condensation):

32 to 113 °F (0 to 45 °C) at an altitude of 7500 feet (2286 m) or less, or 32 to 104 °F (0 to 40 °C) at an altitude of 7500 to 10000 feet (2286 to 3048 m)

When using multiple projectors at the same time:

32 to 104 °F (0 to 40 °C) at an altitude of 7500 feet (2286 m) or less, or 32 to 95 °F (0 to 35 °C) at an altitude of 7500 to 10000 feet (2286 m to 3048 m)

Doing so may cause an unstable display and could lead to projector damage. Do not use or store the projector where it may be exposed to sudden changes in temperature.

• Do not store the projector outside of the required temperature range of 14 to 140 °F (–10 to 60 °C) or in direct sunlight for long periods of time. Doing so may cause damage to the case.

• Do not place anything that can become warped or damaged by heat near the exhaust vents. Do not bring your hands or face close to the vents while projection is in progress. Do not bring your face close to the projector while it is in use.

• Before you move the projector, make sure its power is turned off, the plug is disconnected from the outlet, and all cables are disconnected.

• Do not place the source of an open flame, such as a lit candle, on or near the projector.

• 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.

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.

No.	Symbol	Approved Standards	Description
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.
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.

No.	Symbol	Approved Standards	Description
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.
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.

No.	Symbol	Approved Standards	Description
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.
23		ISO 3864	Disassembly prohibition To indicate a risk of injury, such as electric shock, if the equipment is disassembled.
24		IEC60417 No. 5266	Standby, partial standby To indicate that part of the equipment is in the ready status.
25		ISO3864 IEC60417 No. 5057	Caution, movable parts To indicate that you must keep away from movable parts according to protection standards.

No.	Symbol	Approved Standards	Description
27		IEC 60417-6056	Caution (movable fan blades) To indicate that you must keep away from the blades of the movable fan according to protection standards.
28		IEC 60417-6043	Caution (sharp corners) To indicate that you must not touch the sharp corners of the product according to protection standards.
29		—	Never look into the projection lens while the projector is on.
30		ISO7010 No. W027	Warning, light emission (UV, visible light, IR and so on) To indicate that you must be careful not to injure your eyes or skin when near light emitting sections.
31		IEC60417 No. 5109	Not to be used in residential areas To indicate that the electrical equipment/device is not suitable for use in residential area.

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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Binding Arbitration and Class Waiver

1. DISPUTES, BINDING INDIVIDUAL ARBITRATION, AND WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS

1.1 **Disputes**. The terms of this Section 1 shall apply to all Disputes between you and Epson. The term "Dispute" is meant to have the broadest meaning permissible under law and includes any dispute, claim, controversy or action between you and Epson arising out of or relating to this Agreement, Epson branded products (hardware and including any related software), or other transaction involving you and Epson, whether in contract, warranty, misrepresentation, fraud, tort, intentional tort, statute, regulation, ordinance, or any other legal or equitable basis. "DISPUTE" DOES NOT INCLUDE IP CLAIMS, or more specifically, a claim or cause of action for (a) trademark infringement or dilution, (b) patent infringement, (c) copyright infringement or misuse, or (d) trade secret misappropriation (an "IP Claim"). You and Epson also agree, notwithstanding Section 1.6,that a court, not an arbitrator, may decide if a claim or cause of action is for an IP Claim.

1.2 **Binding Arbitration**. You and Epson agree that all Disputes shall be resolved by binding arbitration according to this Agreement. **ARBITRATION MEANS THAT YOU WAIVE YOUR RIGHT TO A JUDGE OR JURY IN A COURT PROCEEDING AND YOUR GROUNDS FOR APPEAL ARE LIMITED**. Pursuant to this Agreement, binding arbitration shall be administered by JAMS, a nationally recognized arbitration authority, pursuant to its code of procedures then in effect for consumer related disputes, but excluding any rules that permit joinder or class actions in arbitration (for more detail on procedure, see Section 1.6 below). You and Epson understand and agree that (a) the Federal Arbitration Act (9 U.S.C. §1, et seq.) governs the interpretation and enforcement of this Section 1, (b) this Agreement memorializes a transaction in interstate commerce, and (c) this Section 1 shall survive termination of this Agreement.

1.3 **Pre-Arbitration Steps and Notice**. Before submitting a claim for arbitration, you and Epson agree to try, for sixty (60) days, to resolve any Dispute informally. If Epson and you do not reach an agreement to resolve the Dispute within the sixty (60) days), you or Epson may commence an arbitration. Notice to Epson must be addressed to: Epson America, Inc., ATTN: Legal Department, 3131 Katella Ave., Los Alamitos, CA 90720 (the "Epson Address"). The Dispute Notice to you will be sent to the most recent address Epson has in its records for you. For this reason, it is important to notify us if your address changes by emailing us at EAILegal@ea.epson.com or writing us at the Epson Address above. Notice of the Dispute shall include the sender's name, address and contact information, the facts giving rise to the Dispute, and the relief requested (the "Dispute Notice"). Following receipt of the Dispute Notice, Epson and you agree to act in good faith to resolve the Dispute before commencing arbitration.

1.4 **Small Claims Court**. Notwithstanding the foregoing, you may bring an individual action in the small claims court of your state or municipality if the action is within that court's jurisdiction and is pending only in that court.

1.5 **WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS. YOU AND EPSON AGREE THAT EACH PARTY MAY BRING DISPUTES AGAINST THE OTHER PARTY ONLY IN AN INDIVIDUAL CAPACITY, AND NOT AS A PLAINTIFF OR CLASS MEMBER IN ANY CLASS OR REPRESENTATIVE PROCEEDING, INCLUDING WITHOUT LIMITATION FEDERAL OR STATE CLASS ACTIONS, OR CLASS ARBITRATIONS. CLASS ACTION LAWSUITS, CLASS-WIDE ARBITRATIONS, PRIVATE ATTORNEY-GENERAL ACTIONS, AND ANY OTHER PROCEEDING WHERE SOMEONE ACTS IN A REPRESENTATIVE CAPACITY ARE NOT ALLOWED. ACCORDINGLY, UNDER THE ARBITRATION PROCEDURES OUTLINED IN THIS SECTION, AN ARBITRATOR SHALL NOT COMBINE OR CONSOLIDATE MORE THAN ONE PARTY'S CLAIMS WITHOUT THE WRITTEN CONSENT OF ALL AFFECTED PARTIES TO AN ARBITRATION PROCEEDING.**

1.6 **Arbitration Procedure**. If you or Epson commences arbitration, the arbitration shall be governed by the rules of JAMS that are in effect when the arbitration is filed, excluding any rules that permit arbitration on a class or representative basis (the "JAMS Rules"), available at http://www.jamsadr.com or by calling 1-800-352-5267 (U.S. or Canada), or https://www.jamsadr.com/about/ or by calling +1-949-224-1810 (Latin America), and under the rules set forth in this Agreement. All Disputes shall be resolved by a

single neutral arbitrator, and both parties shall have a reasonable opportunity to participate in the selection of the arbitrator. The arbitrator is bound by the terms of this Agreement. The arbitrator, and not any federal, state or local court or agency, shall have exclusive authority to resolve all disputes arising out of or relating to the interpretation, applicability, enforceability or formation of this Agreement, including any claim that all or any part of this Agreement is void or voidable. Notwithstanding this broad delegation of authority to the arbitrator, a court may determine the limited question of whether a claim or cause of action is for an IP Claim, which is excluded from the definition of "Disputes" in Section 1.1 above. The arbitrator shall be empowered to grant whatever relief would be available in a court under law or in equity. The arbitrator may award you the same damages as a court could, and may award declaratory or injunctive relief only in favor of the individual party seeking relief and only to the extent necessary to provide relief warranted by that party's individual claim. In some instances, the costs of arbitration can exceed the costs of litigation and the right to discovery may be more limited in arbitration than in court. The arbitrator's award is binding and may be entered as a judgment in any court of competent jurisdiction.

You may choose to engage in arbitration hearings by telephone. Arbitration hearings not conducted by telephone shall take place in a location reasonably accessible from your primary residence, or in Orange County, California, at your option.

a) Initiation of Arbitration Proceeding. If either you or Epson decides to arbitrate a Dispute, both parties agree to the following procedure:

(i) Write a Demand for Arbitration. The demand must include a description of the Dispute and the amount of damages sought to be recovered. You can find a copy of a Demand for Arbitration at http://www.jamsadr.com ("Demand for Arbitration").

(ii) Send three copies of the Demand for Arbitration, plus the appropriate filing fee, to: JAMS, 500 North State College Blvd., Suite 600 Orange, CA 92868, U.S.A.

(iii) Send one copy of the Demand for Arbitration to the other party (same address as the Dispute Notice), or as otherwise agreed by the parties.

b) Hearing Format. During the arbitration, the amount of any settlement offer made shall not be disclosed to the arbitrator until after the arbitrator determines the amount, if any, to which you or Epson is entitled. The discovery or exchange of non-privileged information relevant to the Dispute may be allowed during the arbitration.

c) Arbitration Fees. Epson shall pay, or (if applicable) reimburse you for, all JAMS filings and arbitrator fees for any arbitration commenced (by you or Epson) pursuant to provisions of this Agreement.

d) Award in Your Favor. For Disputes in which you or Epson seeks $75,000 or less in damages exclusive of attorney's fees and costs, if the arbitrator's decision results in an award to you in an amount greater than Epson's last written offer, if any, to settle the Dispute, Epson will: (i) pay you $1,000 or the amount of the award, whichever is greater; (ii) pay you twice the amount of your reasonable attorney's fees, if any; and (iii) reimburse you for any expenses (including expert witness fees and costs) that your attorney

reasonably accrues for investigating, preparing, and pursuing the Dispute in arbitration. Except as agreed upon by you and Epson in writing, the arbitrator shall determine the amount of fees, costs, and expenses to be paid by Epson pursuant to this Section 1.6d).

e) Attorney's Fees. Epson will not seek its attorney's fees and expenses for any arbitration commenced involving a Dispute under this Agreement. Your right to attorney's fees and expenses under Section 1.6d) above does not limit your rights to attorney's fees and expenses under applicable law; notwithstanding the foregoing, the arbitrator may not award duplicative awards of attorney's fees and expenses.

1.7 **Opt-out. You may elect to opt-out (exclude yourself) from the final, binding, individual arbitration procedure and waiver of class and representative proceedings specified in this Agreement by sending a written letter to the Epson Address within thirty (30) days of your assent to this Agreement (including without limitation the purchase, download, installation of the Software or other applicable use of Epson Hardware, products and services) that specifies (i) your name, (ii) your mailing address, and (iii) your request to be excluded from the final, binding individual arbitration procedure and waiver of class and representative proceedings specified in this Section 1. In the event that you opt-out consistent with the procedure set forth above, all other terms shall continue to apply, including the requirement to provide notice prior to litigation.**

1.8 **Amendments to Section 1**. Notwithstanding any provision in this Agreement to the contrary, you and Epson agree that if Epson makes any future amendments to the dispute resolution procedure and class action waiver provisions (other than a change to Epson's address) in this Agreement, Epson will obtain your affirmative assent to the applicable amendment. If you do not affirmatively assent to the applicable amendment, you are agreeing that you will arbitrate any Dispute between the parties in accordance with the language of this Section 1 (or resolve disputes as provided for in Section 1.7, if you timely elected to opt-out when you first assented to this Agreement).

1.9 **Severability**. If any provision in this Section 1 is found to be unenforceable, that provision shall be severed with the remainder of this Agreement remaining in full force and effect. **The foregoing shall not apply to the prohibition against class or representative actions as provided in Section 1.5. This means that if Section 1.5 is found to be unenforceable, the entire Section 1 (but only Section 1) shall be null and void.**

Parent topic: Notices

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EPSON®

EXCEED YOUR VISION

Parent topic: Notices

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A Note Concerning Responsible Use of Copyrighted Materials

Copyright Attribution

Parent topic: Notices

A Note Concerning Responsible Use of Copyrighted Materials

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Parent topic: Copyright Notice

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