EPSON®

User's Guide

Home Projector

Home Cinema 1100

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Notations Used in This Guide

Safety Symbols

The projector and its manuals use graphical symbols and labels to indicate content that tells you how to use the projector safely.
Read and carefully follow the instructions that are marked with these symbols and labels to avoid injury to persons or damage to property.

⚠ **Warning**	This symbol indicates information that, if ignored, could possibly result in personal injury or even death.
⚠ **Caution**	This symbol indicates information that, if ignored, could possibly result in personal injury or physical damage due to incorrect handling.

General Information Notations

Attention	This label indicates procedures that may result in damage or injury if sufficient care is not taken.
	This label indicates additional information that may be useful to know.
[Button name]	Indicates the name of the buttons on the remote control or the projector. Example: [Esc] button
Menu/Setting name	Indicates projector menu and setting names. Example: Select the **Image** menu ☛ **Image** > **Color Mode**
⏩	This label indicates links to the related pages.
☛	This label indicates the projector's current menu level.

⏩ Related Links

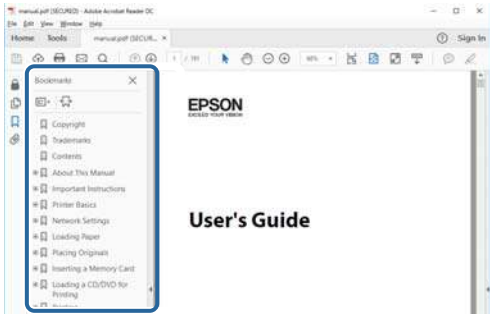
- "Using the Manual to Search for Information" p.7
- "Getting the Latest Version of the Documents" p.8

Using the Manual to Search for Information

The PDF manual allows you to search for information you are looking for by keyword, or jump directly to specific sections using the bookmarks. You can also print only the pages you need. This section explains how to use a PDF manual that has been opened in Adobe Reader X on your computer.

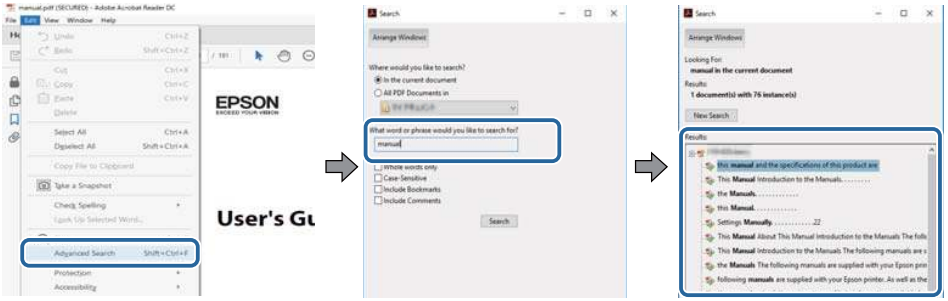
Related Links

- "Searching by Keyword" p.7
- "Jumping Directly from Bookmarks" p.7
- "Printing Only the Pages You Need" p.7



Searching by Keyword

Click **Edit** > **Advanced Search**. Enter the keyword (text) for information you want to find in the search window, and then click **Search**. Hits are displayed as a list. Click one of the displayed hits to jump to that page.



Jumping Directly from Bookmarks

Click a title to jump to that page. Click + or > to view the lower level titles in that section. To return to the previous page, perform the following operation on your keyboard.

- Windows: Hold down **Alt**, and then press ←.
- Mac OS: Hold down the command key, and then press ←.

Printing Only the Pages You Need

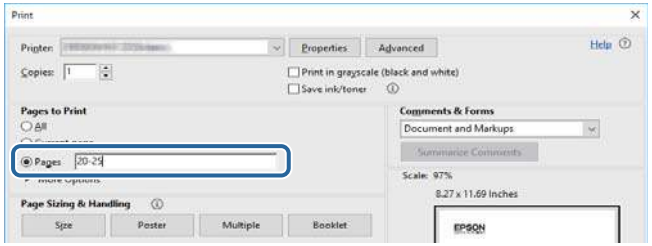
You can extract and print only the pages you need. Click **Print** in the **File** menu, and then specify the pages you want to print in **Pages** in **Pages to Print**.

- To specify a series of pages, enter a hyphen between the start page and the end page.

  Example: 20-25

- To specify pages that are not in series, divide the pages with commas.

  Example: 5, 10, 15



Getting the Latest Version of the Documents

You can get the latest version of the manuals and specifications on the Epson Web site.

Visit epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Latin America), and enter your projector's name.

Introduction to Your Projector

Refer to these sections to learn more about your projector's features and part names.

Availability of products and features in this guide varies by country.

Related Links

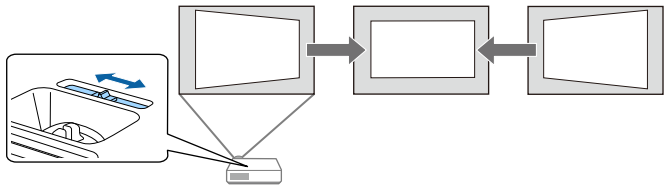
- "Projector Features" p.10
- "Projector Parts and Functions" p.12

This projector comes with these special features. Refer to these sections for more details.

Related Links
- "Quick and Easy Setup" p.10
- "Easy Wireless Projection" p.10
- "Linking with Apple Devices" p.11

Quick and Easy Setup

- Direct Power On feature to turn on the projector as soon as you plug it in.
- Auto Power On feature to turn on the projector when the projector detects an image signal from the port you specified as the **Auto Power On** source.
- Home screen feature to easily select an input source and useful functions.
- Automatic vertical keystone correction always displays a rectangular screen (Auto V-Keystone).
- Horizontal keystone slider allows you to quickly correct horizontal distortion in the projected image.



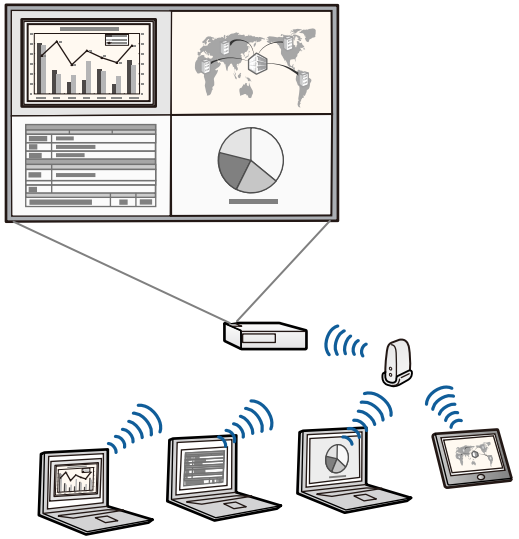
Related Links
- "Turning On the Projector" p.30
- "Projector Setup Settings - Extended Menu" p.120
- "Correcting the Image Shape with the Horizontal Keystone Slider" p.41
- "Auto V-Keystone" p.41

Easy Wireless Projection

- Miracast to connect your projector and mobile device wirelessly using Miracast technology.

- Epson iProjection (Windows/Mac) to project up to four images at the same time by splitting the projected screen. You can project images from computers on the network, or from smartphones or tablet devices.

  See the *Epson iProjection Operation Guide (Windows/Mac)* for details.



You can download the necessary software and manuals from the following Web site:

epson.com/support (U.S.)

epson.ca/support (Canada)

latin.epson.com/support (Latin America)

- Epson iProjection (iOS/Android) to connect your projector and mobile device wirelessly using the app available on the App Store or Google Play.

Any fees incurred when communicating with the App Store or Google Play are the responsibility of the customer.

- Epson iProjection (Chromebook) to connect your projector and Chromebook device wirelessly using the app available on the Chrome Web Store.

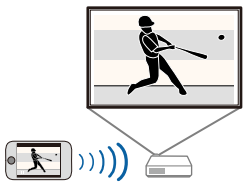
Any fees incurred when communicating with the Chrome Web Store are the responsibility of the customer.

Related Links

- "Using the Projector on a Network" p.78

Linking with Apple Devices

- With AirPlay, you can stream media such as videos, music, and photos to this projector using Apple devices that support AirPlay.



- By registering the projector with Apple HomeKit on your Apple device, you can control the projector using your Apple device.

Works with Apple AirPlay

Works with Apple Home

Use of the Works with Apple AirPlay badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

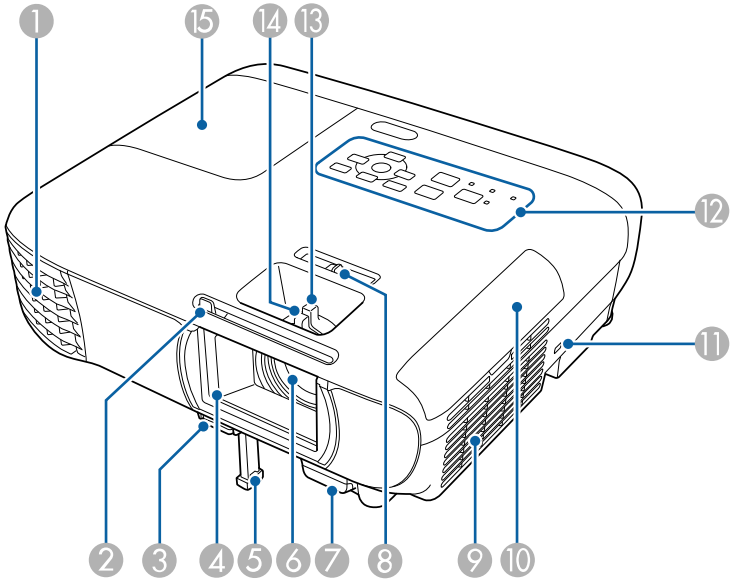
Controlling this HomeKit-enabled accessory automatically and away from home requires a HomePod, HomePod mini, or Apple TV set up as a home hub. It is recommended that you update to the latest software and operating system.

The following sections explain the projector parts and their functions.

Related Links

- "Projector Parts - Front" p.12
- "Projector Parts - Rear" p.13
- "Projector Parts - Base" p.14
- "Projector Parts - Control Panel" p.14
- "Projector Parts - Remote Control" p.15

Projector Parts - Front



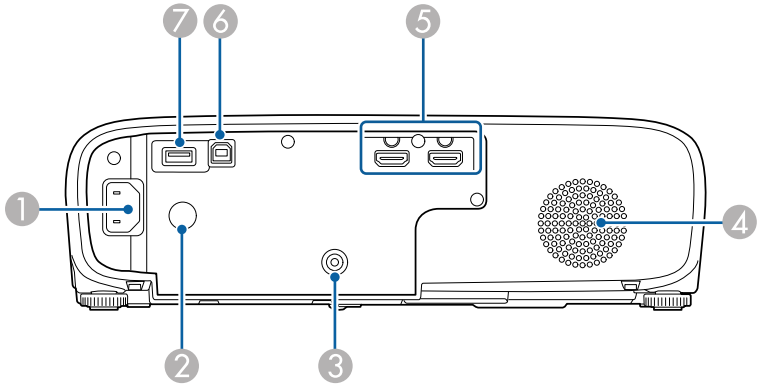
Name		Function
1	Air exhaust vent	Exhaust vent for air used to cool the projector internally. **Warning** Do not look into the vents. If the lamp explodes, gases may escape and small fragments of glass may be scattered which could cause an injury. Contact a doctor if any fragments of broken glass are inhaled or get into the eyes or mouth. **Caution** While projecting, do not put your face or hands near the air exhaust vent, and do not place objects that may become warped or damaged by heat near the vent. Hot air from the air exhaust vent could cause burns, warping, or accidents to occur.
2	A/V Mute slide lever	Slide the knob to open and close the lens cover.
3	Foot release lever	Press the foot release lever to extend and retract the front adjustable foot.
4	Lens cover	Close when not using the projector to protect the lens. By closing it during projection you can hide the image and the sound.
5	Front adjustable foot	When the projector is set up on a surface such as a desk, extend the foot to adjust the position of the image.
6	Lens	Images are projected from here.
7	Remote receiver	Receives signals from the remote control.
8	Horizontal keystone slider	Corrects horizontal distortion in the projected image.
9	Air intake vent (air filter)	Takes in air to cool the projector internally.
10	Air filter cover	Open to access the air filter.

Name		Function
⓫	Security slot	The security slot is compatible with the Microsaver Security System manufactured by Kensington.
⓬	Control panel	Operates the projector.
⓭	Zoom ring	Adjusts the image size.
⓮	Focus ring	Adjusts the image focus.
⓯	Lamp cover	Open to access the projector's lamp.

Related Links

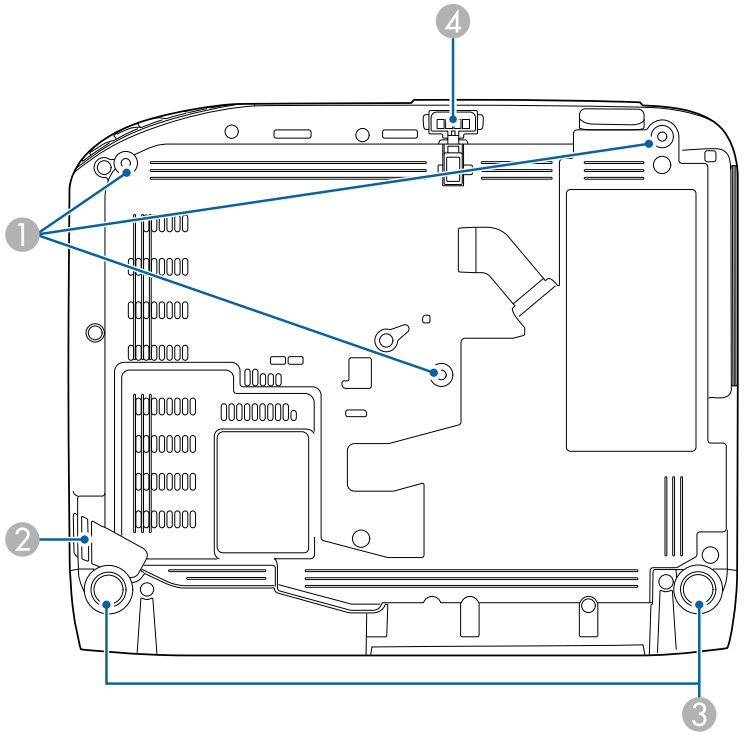
- "Resizing the Image with the Zoom Ring" p.45
- "Focusing the Image Using the Focus Ring" p.46
- "Projector Indicator Status" p.157
- "Correcting the Image Shape with the Horizontal Keystone Slider" p.41

Projector Parts - Rear



Name		Function
❶	Power inlet	Connects the power cord to the projector.
❷	Remote receiver	Receives signals from the remote control.
❸	Audio Out port	Outputs audio from the current input source to an external speaker.
❹	Speaker	Outputs audio.
❺	HDMI1, HDMI2 ports	Inputs video signals from HDMI compatible video equipment and computers. This projector is compatible with HDCP.
❻	USB-B port	Use this to copy menu settings when using the batch settings function.
❼	USB-A (5V⎓2.0A) port	Connects a USB memory device or a digital camera and projects movies or images using PC Free. Connects the optional document camera. Provides a connection for a commercially available streaming media player allowing you to power it.

Projector Parts - Base

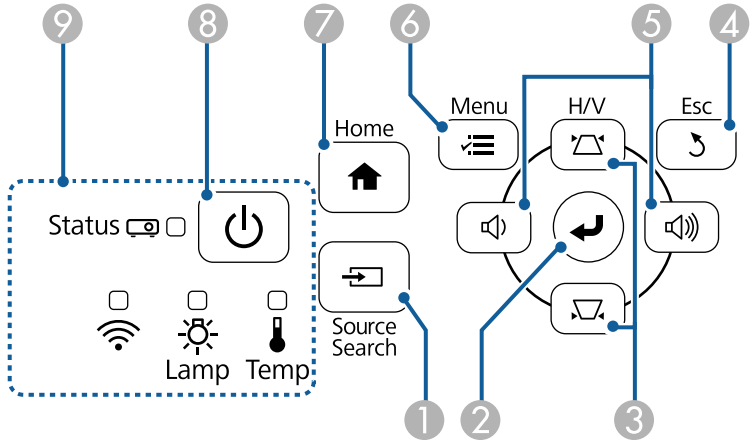


Name		Function
1	Ceiling mount fixing points (three points - M4×9)	Use all the fixing points to attach the optional ceiling mount here when suspending the projector from a ceiling.
2	Security cable attachment point	Pass a commercially available wire lock through here and lock it in place. You can also attach the optional safety wire here to prevent the projector from falling from the ceiling or wall.
3	Rear feet	When the projector is set up on a surface such as a desk, turn to extend and retract the feet to adjust the horizontal tilt.
4	Front adjustable foot	When the projector is set up on a surface such as a desk, extend the foot to adjust the position of the image.

Related Links

- "Installing a Security Cable" p.76

Projector Parts - Control Panel



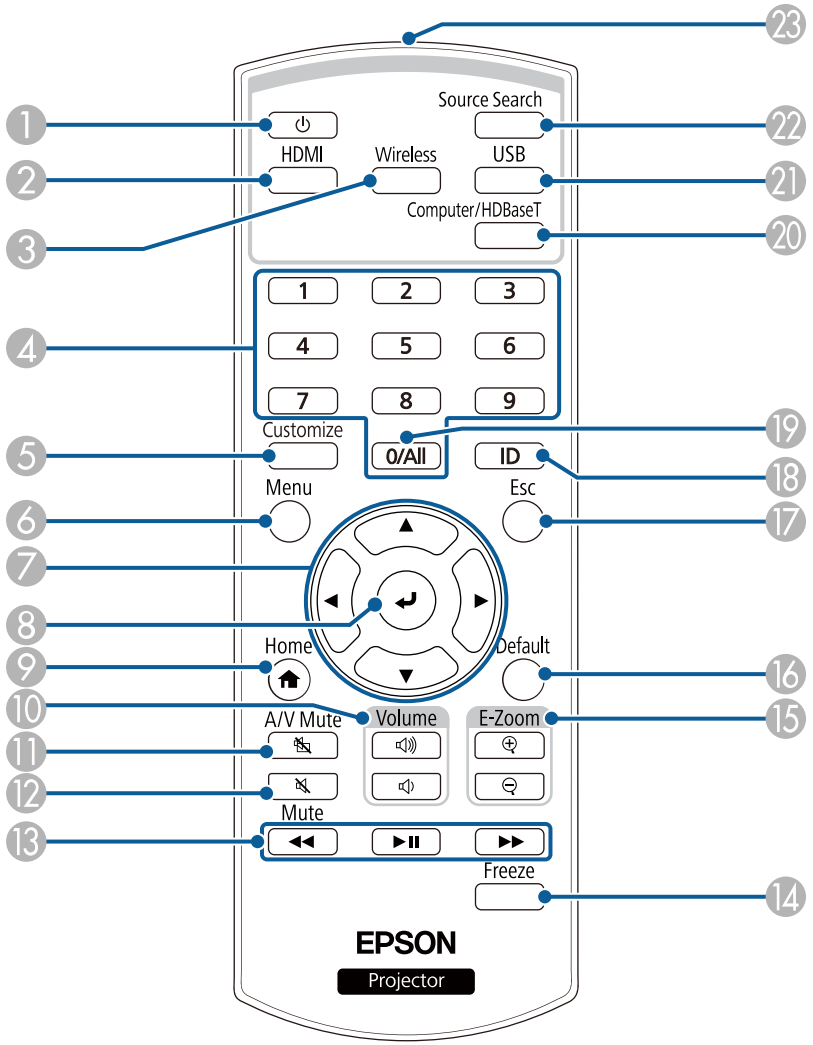
Name		Function
1	[Source Search] button	Switches to the next input source.
2	[Enter] button [↵]	Enters the current selection and moves to the next level while displaying the projector's menu or help.

Name		Function
③	Keystone adjustment buttons and arrow buttons	Displays the Keystone screen allowing you to correct keystone distortion. Selects menu items while displaying the projector's menu or help.
④	[Esc] button	Stops the current function. Moves back to the previous menu level while displaying the projector's menu.
⑤	Volume buttons and arrow buttons	: Decreases the volume. : Increases the volume. Corrects keystone distortion in the horizontal direction when the Keystone screen is displayed. Selects menu items while displaying the projector's menu or help.
⑥	[Menu] button	Displays and closes the projector's menu.
⑦	[Home] button	Displays and closes the Home screen.
⑧	Power button [⏻]	Turns the projector on or off.
⑨	Indicators	Indicates the projector's status.

Related Links

- "Input Signal Settings - Signal Menu" p.117
- "Home Screen" p.31
- "Projector Indicator Status" p.157
- "Correcting the Image Shape with the Keystone Buttons" p.42

Projector Parts - Remote Control



Name		Function
①	Power button [⏻]	Turns the projector on or off.
②	[HDMI] button	Switches the image source between the HDMI ports.
③	[Wireless] button	Switches the image source to a device connected over the wireless LAN network.
④	Numeric buttons	Enters numbers in the projector's menu.
⑤	[Customize] button	Performs the function set for the **Customize Button** in the **Settings** menu.
⑥	[Menu] button	Displays and closes the projector's menu.
⑦	Arrow buttons	Selects menu items while displaying the projector's menu.
⑧	[Enter] button [↵]	Enters the current selection and moves to the next level while displaying the projector's menu.
⑨	[Home] button	Displays/exits the home screen.
⑩	[Volume] up/down buttons	Adjusts the speaker volume.
⑪	[A/V Mute] button	Turns the video and audio on or off temporarily.
⑫	[Mute] button	Mutes the audio temporarily.
⑬	Playback control buttons	Controls devices that comply with the HDMI CEC standard. Controls media being streamed with AirPlay.
⑭	[Freeze] button	Pauses or resumes images.
⑮	[E-Zoom] +/– buttons	Resizes the projected image.
⑯	[Default] button	Returns the selected setting to its default value.
⑰	[Esc] button	Stops the current function. Moves back to the previous menu level while displaying the projector's menu.

Name		Function
⑱	[ID] button	Hold down this button and press the numeric buttons to select the ID for the projector you want to operate using the remote control.
⑲	[0/All] button	Allows you to operate all projectors regardless of the **Projector ID** setting.
⑳	[Computer/ HDBaseT] button	This button is not available.
㉑	[USB] button	Switches the image source to the USB-A port.
㉒	[Source Search] button	Switches to the next input source.
㉓	Remote control light emitting area	Outputs remote control signals.

Related Links

- "Input Signal Settings - Signal Menu" p.117
- "Projector Setup Settings - Extended Menu" p.120
- "Projecting a PC Free Presentation" p.57
- "Using the Projector on a Network" p.78
- "Home Screen" p.31

Setting Up the Projector

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

Related Links

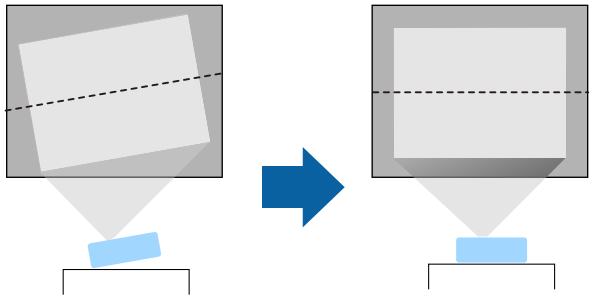
- "Projector Placement" p.18
- "Projector Connections" p.21
- "Installing Batteries in the Remote Control" p.26
- "Remote Control Operation" p.27
- "Opening the Lens Cover" p.28

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

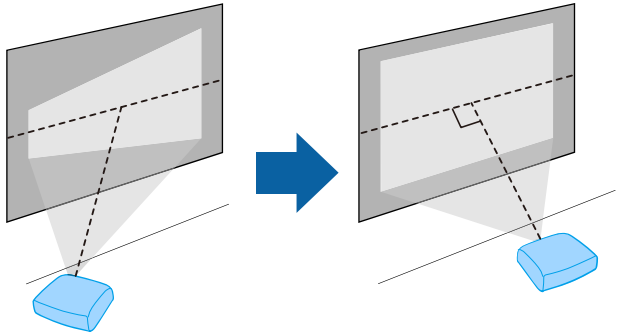
You can also install the projector in a ceiling mount if you want to use it in a fixed location. An optional ceiling mount is required when suspending the projector from a ceiling.

Note the following points when selecting a projector location:

- Place the projector on a sturdy, level surface or install it using a compatible mount.



- Leave plenty of space around and under the projector for ventilation, and do not place it on top of or next to anything that could block the vents.
- Place the projector so it squarely faces the screen, not at an angle.



If you cannot install the projector squarely facing the screen, correct any resulting keystone distortion using the projector controls. For the best quality images, we recommend adjusting the installation position of the projector to achieve the correct image size and shape.

⚠ Warning

- 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.
- Do not use adhesives on the ceiling mount fixing points to prevent the screws from loosening, or use lubricants, oils, or similar substances on the projector; the projector case may crack causing it to fall from its ceiling mount. This could cause serious injury to anyone under the ceiling mount and could damage the projector.
- Improper installation of the ceiling mount and projector could cause the projector to fall. Secure the ceiling mount using all of the ceiling mount fixing points specified in the projector's User's Guide. Also, use a wire or other item that is strong enough to secure the projector and the mount. Use only mounts specified by Epson that are compatible with this projector.
- Do not install the projector in a location subject to high levels of dust or humidity, or in a location subject to smoke or steam. Otherwise, it could cause a fire or electric shock to occur. 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

⚠ Warning

- Do not cover the projector's air intake or air exhaust vents. If the vents are covered, the internal temperature could rise and cause a fire.
- 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 install the projector on an unstable surface or in a location beyond the weight specifications of the projector. Otherwise, it could fall or topple causing an accident and injury.
- When installing the projector in a high position, take measures to prevent falling by using wires to ensure safety in an emergency, such as an earthquake, and to prevent accidents. If it is not installed correctly, it could fall causing an accident and injury.
- 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.

Attention

- Do not operate the projector on its side. This may cause the projector to malfunction.
- If you are using the projector at altitudes above 4,921 feet (1,500 m), set the **High Altitude Mode** setting to **On** in the projector's menu to ensure the projector's internal temperature is regulated properly.

  ☛ **Extended** > **Operation** > **High Altitude Mode**
- Try not to setup the projector in locations subject to high humidity and dust, or in locations subject to smoke from fires or tobacco smoke.

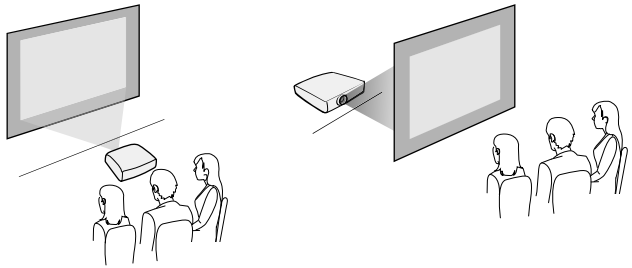
Related Links

- "Projector Setup and Installation Options" p.19
- "Projection Distance" p.19
- "Image Shape" p.41
- "Projector Setup Settings - Extended Menu" p.120

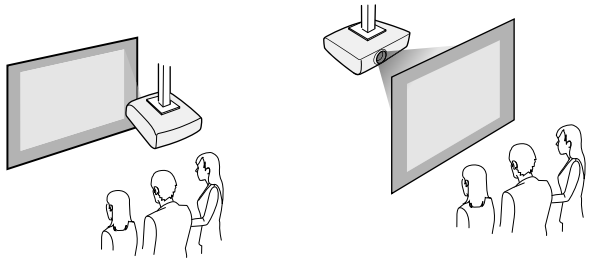
Projector Setup and Installation Options

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

Front/Rear



Front Ceiling/Rear Ceiling



Make sure you select the correct **Projection** option in the projector's **Extended** menu according to the installation method being used.

Related Links

- "Projection Modes" p.37

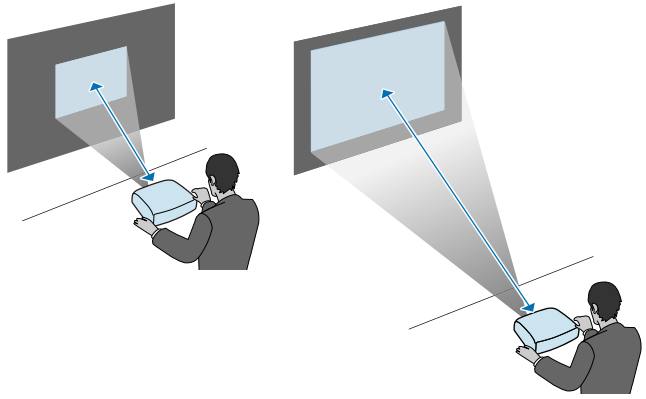
Projection Distance

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.

See the Appendix for details about how far to place the projector from the screen based on the size of the projected image.

When correcting keystone distortion, your image is slightly smaller.



Related Links

- "Screen Size and Projection Distance" p.174

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

Attention

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.

Purchase optional or commercially available cables when necessary.

Related Links

- "Connecting to a Computer" p.21
- "Connecting to Video Sources" p.21
- "Connecting to External USB Devices" p.22
- "Connecting to a Streaming Media Player" p.23
- "Connecting to a Document Camera" p.24
- "Connecting to External Devices" p.24

Connecting to a Computer

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

Related Links

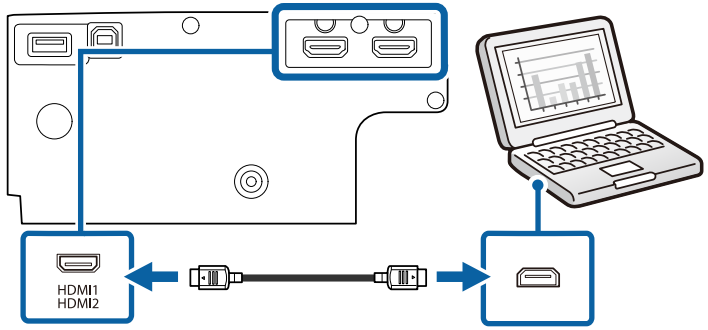
- "Connecting to a Computer for HDMI Video and Audio" p.21

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 HDMI cable and send the computer's audio with the projected image.

To connect a Mac that does not have an HDMI port, you need an adapter that allows you to connect to the projector's HDMI port. Contact Apple for compatible adapter options. Older Mac computers (2009 and earlier) may not support audio through the HDMI port.

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



Connecting to Video Sources

Follow the instructions in these sections to connect video devices to the projector.

- If the port on the device you connect has an unusual shape, use the cable supplied with the device or an optional cable to connect to the projector.
- The cable differs depending on the output signal from the connected video devices.
- Some video devices are capable of outputting different types of signals. See your video device manual to confirm what type of signals can be output.

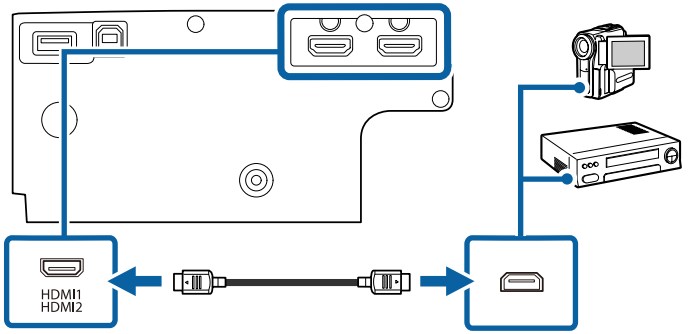
Related Links
- "Connecting to an HDMI Video Source" p.22

Connecting to an HDMI Video Source

If your video source has an HDMI port, you can connect it to the projector using an HDMI cable and send the image source's audio with the projected image.

Attention
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 the projector's HDMI port.



Related Links
- "Projector Setup Settings - Extended Menu" p.120

Connecting to External USB Devices

Follow the instructions in these sections to connect external USB devices to the projector.

Related Links
- "USB Device Projection" p.22
- "Connecting to a USB Device" p.23
- "Disconnecting a USB Device" p.23

USB Device Projection

You can project images and other content without using a computer or video device by connecting any of these devices to your projector:

- USB flash drive
- Digital camera or smartphone
- USB hard drive

- Digital cameras or smartphones must be USB-mounted devices, not TWAIN-compliant devices, and must be USB Mass Storage Class-compliant.
- USB hard drives must meet these requirements:
  - USB Mass Storage Class-compliant (not all USB Mass Storage Class devices are supported)
  - Formatted in FAT16/32
  - Self-powered by their own AC power supplies (bus-powered hard drives are not recommended)
  - Avoid using hard drives with multiple partitions

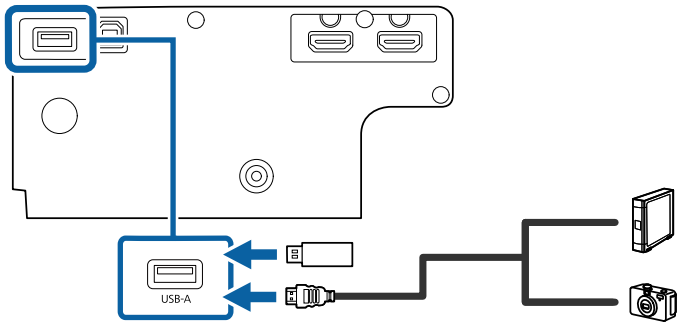
You can project slide shows from image files on a connected USB device.

Related Links
- "Projecting a PC Free Presentation" p.57

Connecting to a USB Device

You can connect your USB device to the projector's USB-A port and use it to project images and other content.

1. If your USB device came with a power adapter, plug the device into an electrical outlet.
2. Connect the USB cable or USB flash drive to the projector's USB-A port as shown.



Attention
- Use the USB cable supplied with or specified for use with the device.
- Do not connect a USB hub or a USB cable longer than 9.8 feet (3 m), or the device may not operate correctly.

3. Connect the other end to your device, if necessary.

Disconnecting a USB Device

When you have finished presenting with a connected USB device, disconnect the device from the projector.

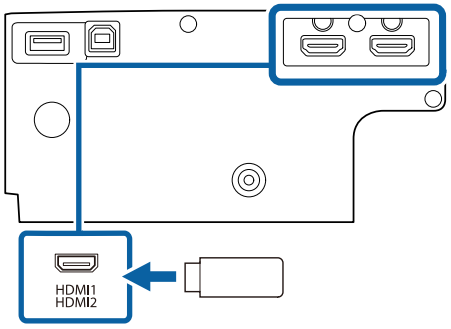
1. Turn off and unplug the device, if necessary.
2. Disconnect the USB device from the projector.

Connecting to a Streaming Media Player

You can connect your streaming media player to the projector's HDMI port. By connecting the power supply USB cable, you can power the streaming media player from the projector.

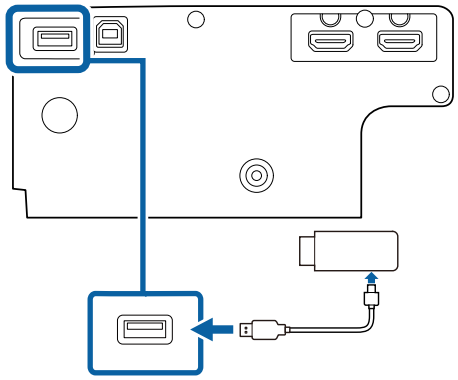
The connection method and operating environment for the streaming media player vary depending on the model you are using. For details, see the documentation supplied with your streaming media player; otherwise, it may not operate properly.

1. Connect your streaming media player to the projector's HDMI port.



2. Connect the power supply USB cable to the projector's USB-A port.

3 Connect the other end to the streaming media player.



Connecting to a Document Camera

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

The connection method varies depending on your Epson document camera model. See the document camera manual for details.

Connecting to External Devices

Follow the instructions in these sections to connect external devices to the projector.

Related Links

- "Connecting to External Speakers" p.24

Connecting to External Speakers

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

- If you want to output audio from the external speakers when the projector is turned off, select **Always On** as the **A/V Output** setting in the projector's **Extended** menu.

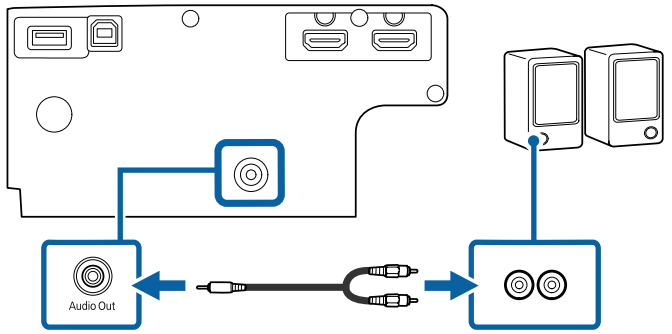
  ☛ **Extended** > **A/V Settings** > **A/V Output**
- You can also connect the projector to an amplifier with speakers.
- The projector's built-in speaker system is disabled when you connect external speakers.

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.



Related Links

- "Projector Setup Settings - Extended Menu" p.120

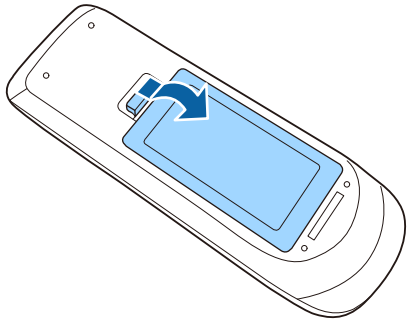
Installing Batteries in the Remote Control

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

Attention

Make sure you read the safety instructions in the online *Notices* guide before handling the batteries.

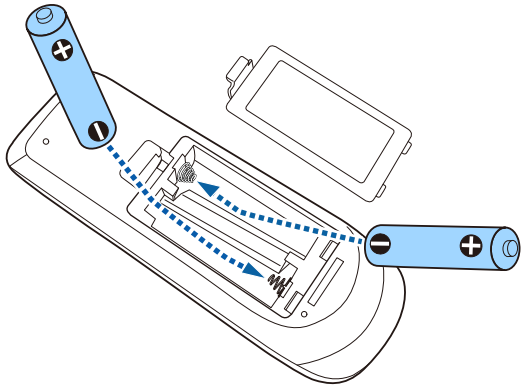
1 Remove the battery cover as shown.



2 Remove the old batteries, if necessary.

Dispose of used batteries according to local regulations.

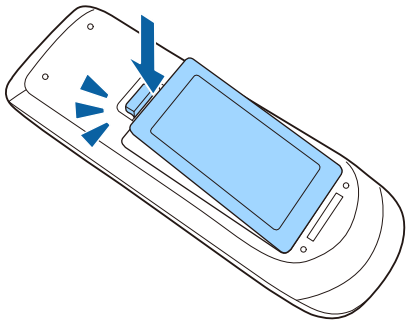
3 Insert the batteries with the + and – ends facing as shown.



⚠ Warning

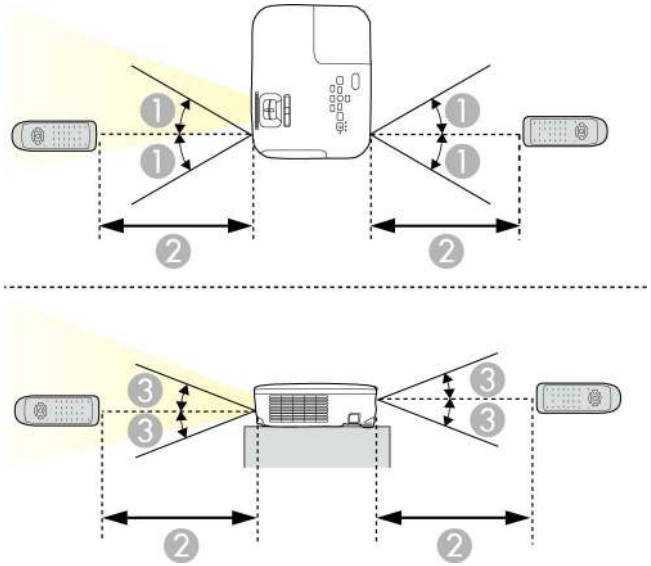
Check the positions of the (+) and (–) marks inside the battery holder to ensure the batteries are inserted the correct way. If the batteries are not used correctly, they could explode or leak causing a fire, injury, or damage to the product.

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



The remote control lets you control the projector from almost anywhere in the room.

Make sure that you aim the remote control at the projector's receivers within the distance and angles listed here.

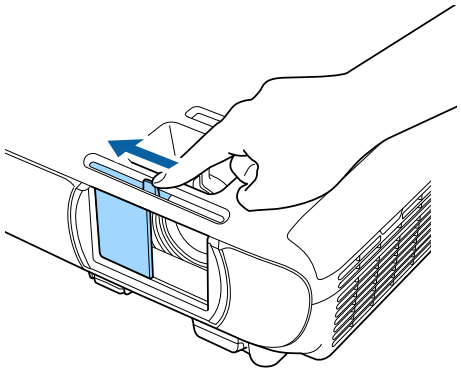


1. 30°
2. 19.7 feet (6 m)
3. 15°

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 are not going to use the remote control for a long time, remove the batteries.

Opening the Lens Cover

1. To open the projector's lens cover, slide the A/V Mute slide lever until it clicks.



2. To cover the lens or temporarily turn off the projected image and sound, close the lens cover.

The projector's power automatically turns off 30 minutes after A/V Mute is enabled. You can disable this feature.

☛ **ECO** > **Lens Cover Timer**

Using Basic Projector Features

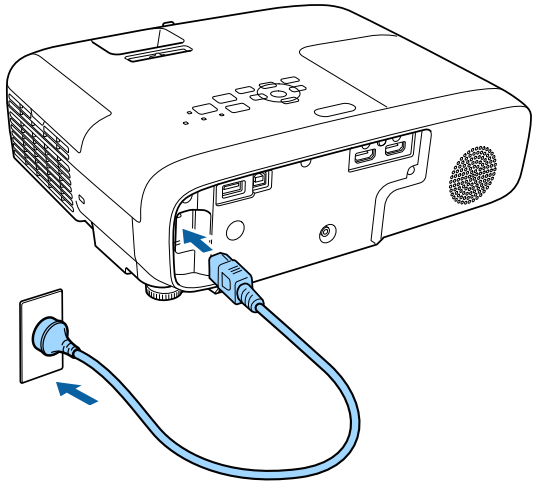
Follow the instructions in these sections to use your projector's basic features.

Related Links

- "Turning On the Projector" p.30
- "Turning Off the Projector" p.33
- "Setting the Date and Time" p.34
- "Selecting the Language for the Projector Menus" p.36
- "Projection Modes" p.37
- "Displaying a Test Pattern" p.39
- "Adjusting the Image Height" p.40
- "Image Shape" p.41
- "Resizing the Image with the Zoom Ring" p.45
- "Focusing the Image Using the Focus Ring" p.46
- "Selecting an Image Source" p.47
- "Image Aspect Ratio" p.49
- "Adjusting Image Quality (Color Mode)" p.51
- "Controlling the Volume with the Volume Buttons" p.53

Turn on the computer or video equipment you want to use after you turn on the projector.

1 Connect the power cord to the projector's power inlet and plug it into an electrical outlet.

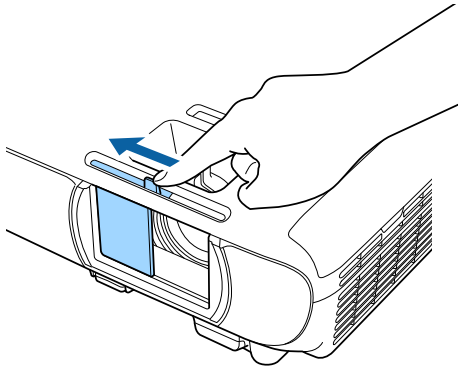


The projector's power indicator turns blue. This indicates that the projector is receiving power, but is not yet turned on (it is in standby mode).

2 Press the power button on the control panel or remote control to turn on the projector.

The projector beeps and the status indicator flashes blue as the projector warms up. Once the projector is warmed up, the status indicator stops flashing and turns blue.

3 Open the projector's lens cover.



Try the following if you do not see a projected image.

- Verify the lens cover is open all the way.
- Turn on the connected computer or video device.
- Change the screen output from the computer when using a laptop computer.
- Insert a DVD or other video media, and press play (if necessary).
- Press the [Source Search] button on the control panel or remote control to detect the source.
- Press the button for the desired video source on the remote control.
- If the Home screen is displayed, select the source you want to project.

⚠ Warning

- Never look into the projector lens when the lamp is on. This can damage your eyes and is especially dangerous for children.
- When turning on the projector at a distance using the remote control, make sure there is no one looking into the lens.
- During projection, do not block the light from the projector with a book or other objects. If the light from the projector is blocked, the area on which the light shines becomes hot which could cause it to melt, burn, or start a fire. Also, the lens may get hot due to the reflected light which could cause the projector to malfunction. To stop projection, use the A/V Mute function, or turn off the projector.
- A mercury lamp with high internal pressure is used as the projector's light source. If the lamp is subjected to vibrations or shocks, or if it is used for an overly extended length of time, the lamp may break or it may not turn on. If the lamp explodes, gases may escape and small fragments of glass may be scattered which could cause an injury. Be sure to observe the instructions below.
  - Do not disassemble or damage the lamp or subject it to any impacts.
  - Do not bring your face close to the projector while it is in use.
  - Particular care should be taken when the projector is installed to a ceiling, as small pieces of glass may fall down when the lamp cover is removed. When cleaning the projector or replacing the lamp yourself, be very careful not to allow such pieces of glass to get into the eyes or mouth.

  If the lamp breaks, ventilate the area immediately, and contact a doctor if any fragments of broken glass are inhaled or get into the eyes or mouth.

- When the **Direct Power On** setting is set to **On** in the projector's **Extended** menu, the projector turns on as soon as you plug it in. Note that the projector also turns on automatically in cases such as recovery from a power outage.

  ☛ **Extended** > **Operation** > **Direct Power On**
- If you select a specific port as the **Auto Power On** setting in the projector's **Extended** menu, the projector turns on as soon as it detects a signal or cable connection from that port.

  ☛ **Extended** > **Operation** > **Auto Power On**

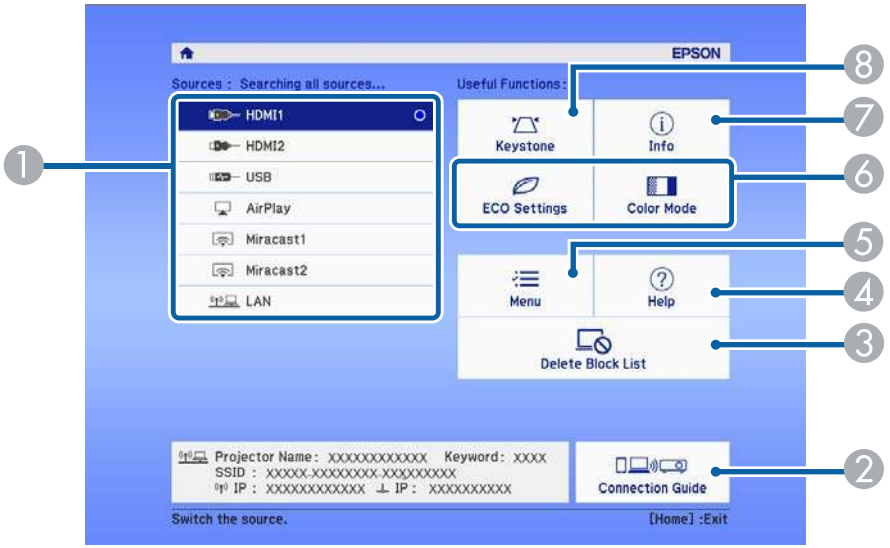
Related Links

- "Home Screen" p.31
- "Projector Setup Settings - Extended Menu" p.120

Home Screen

The Home screen feature allows you to easily select an image source and access useful functions. You can display the Home screen by pressing the [Home] button on the control panel or remote control. The Home screen is also displayed when you turn on the projector and no signal is being input.

Press the arrow buttons on the control panel or remote control to select a menu item, and then press [Enter].



1. Selects the source you want to project.
2. Displays the Connection Guide. You can select the wireless connection methods according to the devices you are using, such as smartphones or computers.
3. Removes all devices from the block list. The block list contains devices that are automatically denied Miracast projection.

   This message is displayed when a device has been added to the block list.
4. Displays the Help screen.
5. Displays the projector's menu.
6. Performs menu options assigned to **Home Screen** in the projector's **Extended** menu.
7. Displays the **Info** menu.
8. Corrects the shape of an image that is an uneven rectangle.

The Home screen disappears after 10 minutes of inactivity.

Related Links

- "Image Shape" p.41
- "Projector Setup Settings - Extended Menu" p.120
- "Using the Projector's Menus" p.113
- "Using the Projector Help Displays" p.160
- "Projector Information Display - Info Menu" p.134

Turning Off the Projector

Turn off the projector after use.

- Turn off this product when it is not in use to prolong the life of the projector. Lamp life varies depending on the mode selected, environmental conditions, and usage. Brightness decreases over time.
- Since the projector supports the direct shutdown feature, it can be turned off directly using the breaker.

1. Press the power button on the control panel or remote control.
   The projector displays a shutdown confirmation screen.

2. Press the power button again. (To leave it on, press any other button.)
   The projected image disappears, the projector beeps twice, and the status indicator turns off.

With Epson's Instant Off technology, there is no cool-down period so you can pack up the projector for transport right away.

3. To transport or store the projector, make sure the power indicator is blue (but not flashing) and the status indicator is off, then unplug the power cord.

4. Close the projector's lens cover.

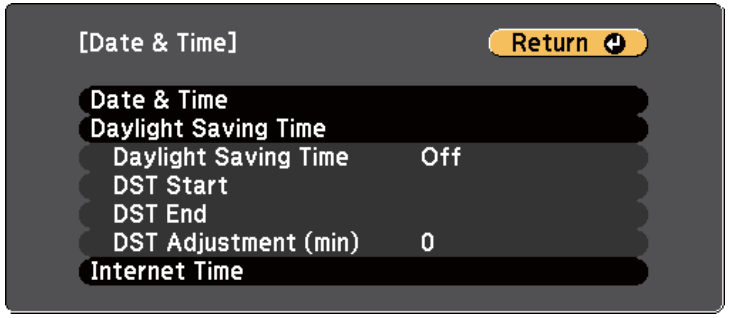
Setting the Date and Time

You can set the date and time for the projector.

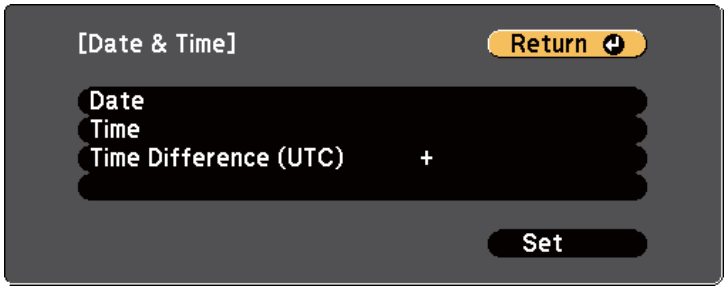
If the date and time are not correctly set on the projector, the AirPlay connection may be disconnected while projecting. Set the correct date and time in **Date & Time** and **Daylight Saving Time** from the **Extended** menu.

☛ **Extended** > **Operation** > **Date & Time**

1. Turn on the projector.
2. Press the [Menu] button on the control panel or remote control.
3. Select the **Extended** menu and press [Enter].
4. Select the **Operation** setting and press [Enter].
5. Select the **Date & Time** setting and press [Enter].
   You see this screen:

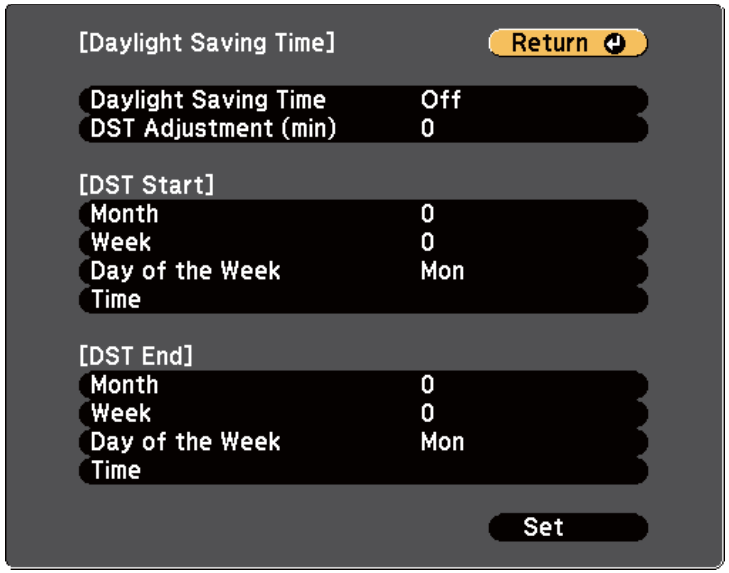


6. Select the **Date & Time** setting and press [Enter].
   You see this screen:



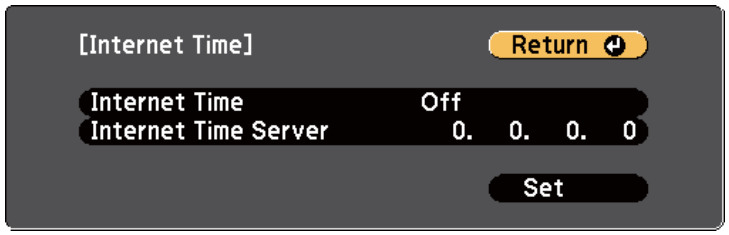
7. Select **Date**, press [Enter], and use the displayed keyboard to enter today's date.
8. Select **Time**, press [Enter], and use the displayed keyboard to enter the current time.
9. Select **Time Difference (UTC)**, press [Enter], and set the time difference from Coordinated Universal Time.
10. When you are finished, select **Set** and press [Enter].

11 To activate daylight saving time, select the **Daylight Saving Time** setting and press [Enter]. Then select settings.



12 When you are finished, select **Set** and press [Enter].

13 To update the time automatically through an Internet time server, select the **Internet Time** setting and press [Enter]. Then select settings.



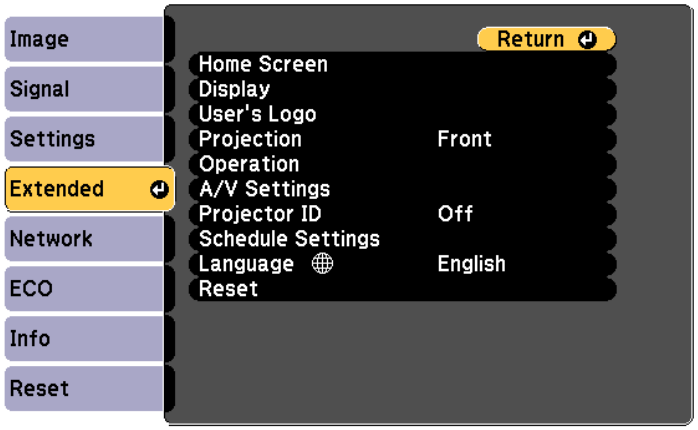
14 When you are finished, select **Set** and press [Enter].

15 Press [Menu] or [Esc] to exit the menus.

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 on the control panel or remote control.
3. Select the **Extended** menu and press [Enter].



4. Select the **Language** setting and press [Enter].
5. Select the language you want to use and press [Enter].
6. Press [Menu] or [Esc] to exit the menus.

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

- **Front** 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 a ceiling or wall mount and behind a translucent screen.

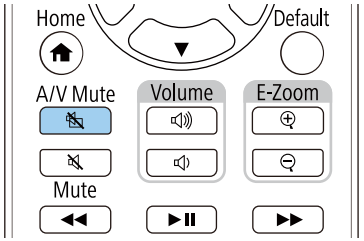
Related Links

- "Changing the Projection Mode Using the Remote Control" p.37
- "Changing the Projection Mode Using the Menus" p.37
- "Projector Setup and Installation Options" p.19

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 seconds.



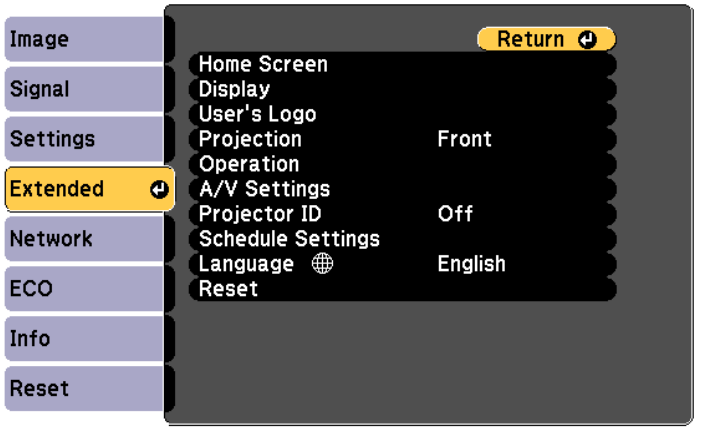
The image disappears briefly and reappears flipped top-to-bottom.

3. To change projection back to the original mode, hold down the [A/V Mute] button for 5 seconds again.

Changing the Projection Mode Using the Menus

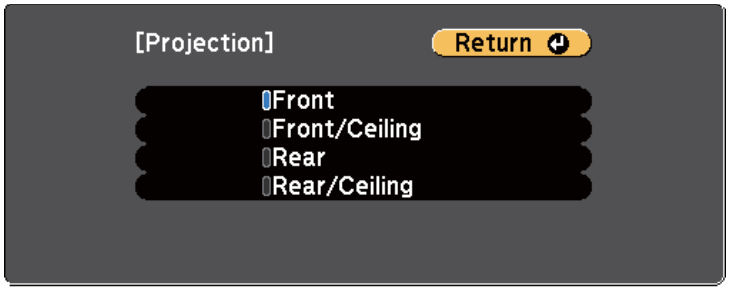
You can change the projection mode to flip the image over top-to-bottom and/or left-to-right using the projector menus.

1. Turn on the projector and display an image.
2. Press the [Menu] button on the control panel or remote control.
3. Select the **Extended** menu and press [Enter].



4 Select **Projection** and press [Enter].

5 Select a projection mode and press [Enter].

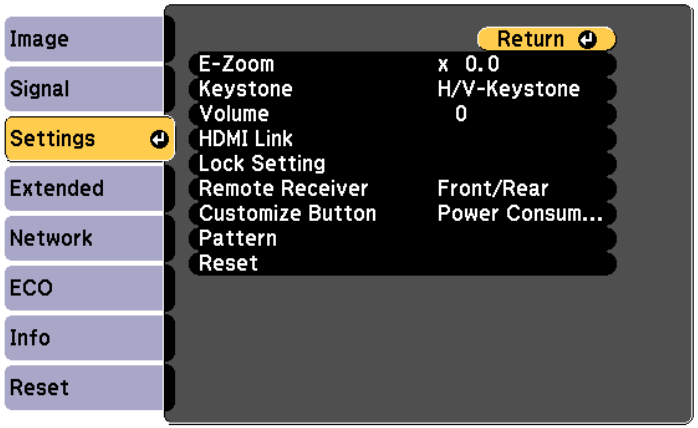


6 Press [Menu] or [Esc] to exit the menus.

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

> To set menu items that cannot be set while the test pattern is being displayed or to fine-tune the projected image, project an image from the connected device.

1. Turn on the projector.
2. Press the [Menu] button on the control panel or remote control.
3. Select the **Settings** menu and press [Enter].



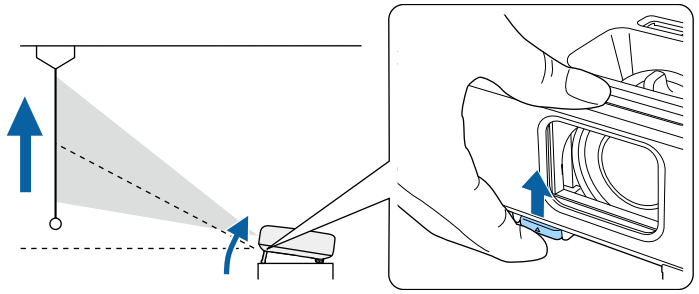
4. Select **Pattern** > **Test Pattern**, and press [Enter].
   The test pattern is displayed.
5. Adjust the image as necessary.
6. Press [Esc] to clear the test pattern.

Adjusting the Image Height

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

The larger the angle of tilt, the harder it becomes to focus. Locate the projector so that it only needs to be tilted at a small angle.

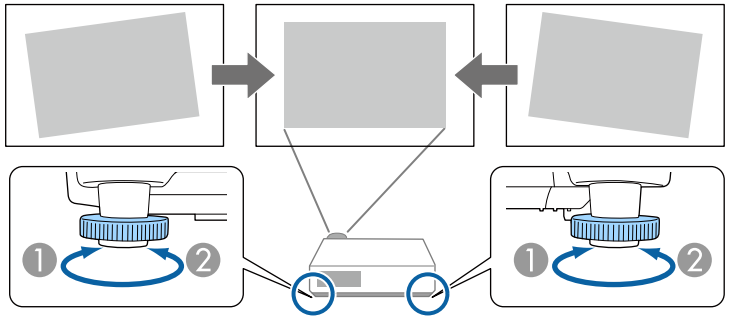
1. Turn on the projector and display an image.
2. To adjust the front foot, pull up on the foot release lever and lift the front of the projector.



The foot extends from the projector.

You can adjust the position up to approximately 12 degrees.

3. Release the lever to lock the foot.
4. If the image is tilted, rotate the rear feet to adjust their height.



1. Extend the rear foot
2. Retract the rear foot

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

Related Links

- "Image Shape" p.41

You can project an even, 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 tilt it up or down, or off to the side, you may need to correct the image shape.

After correction, your image is slightly smaller.

For the best quality images, we recommend adjusting the installation position of the projector to achieve the correct image size and shape.

Related Links
- "Auto V-Keystone" p.41
- "Correcting the Image Shape with the Horizontal Keystone Slider" p.41
- "Correcting the Image Shape with the Keystone Buttons" p.42
- "Correcting the Image Shape with Quick Corner" p.43

Auto V-Keystone

When the projector is moved or tilted, **Auto V-Keystone** automatically corrects any vertical keystone distortion.

Auto V-Keystone can correct the projected image distortion in these conditions:

- Projection angle is about 30º up or down
- The **Projection** setting is set to **Front** in the projector's **Extended** menu

- If you do not want to use the **Auto V-Keystone** function, set **Auto V-Keystone** to **Off** in the projector's menu.

  ☛ **Settings** > **Keystone** > **H/V-Keystone** > **Auto V-Keystone**

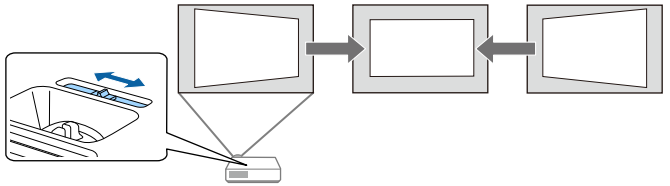
Related Links
- "Projection Modes" p.37
- "Projector Setup Settings - Extended Menu" p.120
- "Projector Feature Settings - Settings Menu" p.118

Correcting the Image Shape with the Horizontal Keystone Slider

You can use the projector's horizontal keystone slider to correct the shape of an image that is an uneven horizontal rectangle, such as when the projector is placed to the side of the projection area.

You can make effective corrections when the projection angle is about 30º right or left.

1. Turn on the projector and display an image.
2. Adjust the slider until the image is an even rectangle.



After correction, your image is slightly smaller.

- When you use the horizontal keystone slider, set **H-Keystone Adjuster** to **On** in the projector's **Settings** menu.

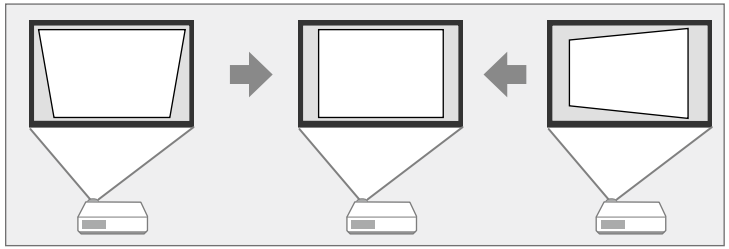
  ☛ **Settings** > **Keystone** > **H/V-Keystone** > **H-Keystone Adjuster**
- You can also correct the shape of the image in the horizontal direction in the projector's **Settings** menu.

  ☛ **Settings** > **Keystone** > **H/V-Keystone**

Related Links
- "Projector Feature Settings - Settings Menu" p.118

Correcting the Image Shape with the Keystone Buttons

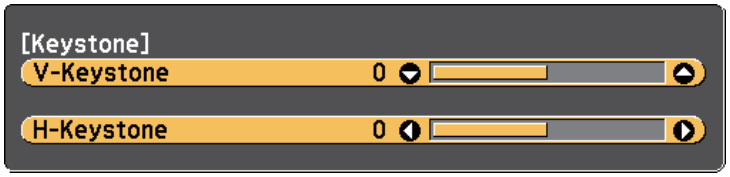
You can use the projector's keystone correction buttons to correct the shape of an image that is unevenly rectangular.



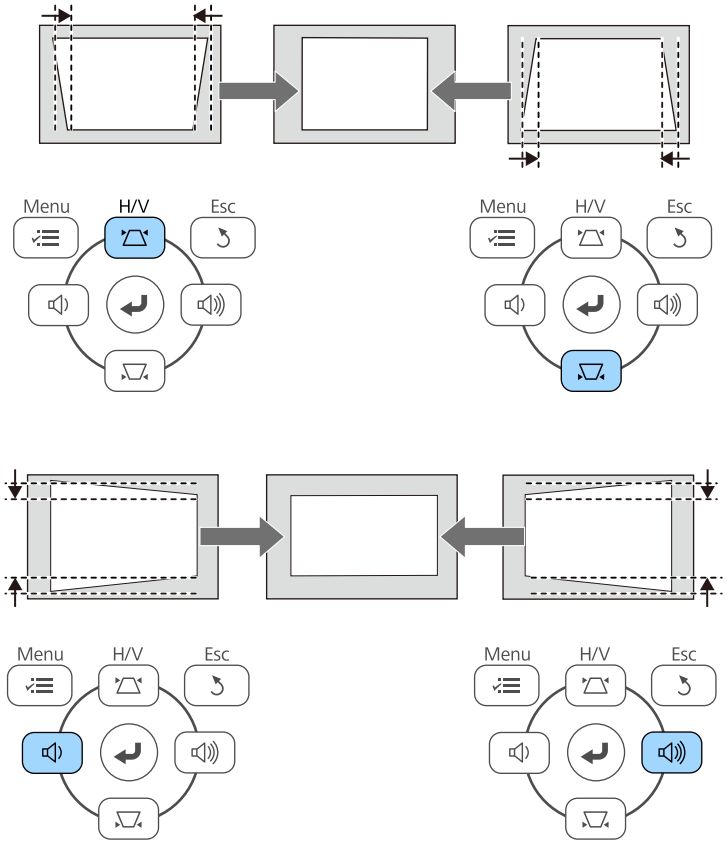
You can use keystone buttons to correct images up to 30º right, left, up, or down.

1 Turn on the projector and display an image.

2 Press one of the keystone adjustment buttons on the control panel to display the Keystone adjustment screen.



3 Press a keystone button to adjust the image shape.



- If the projector is installed out of your reach, you can also correct the shape of the image using the remote control.

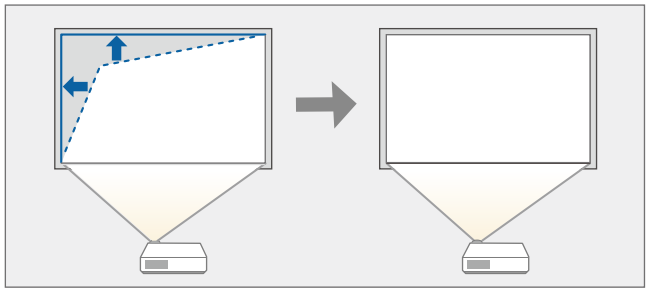
  ☛ **Settings** > **Keystone** > **H/V-Keystone**

Related Links

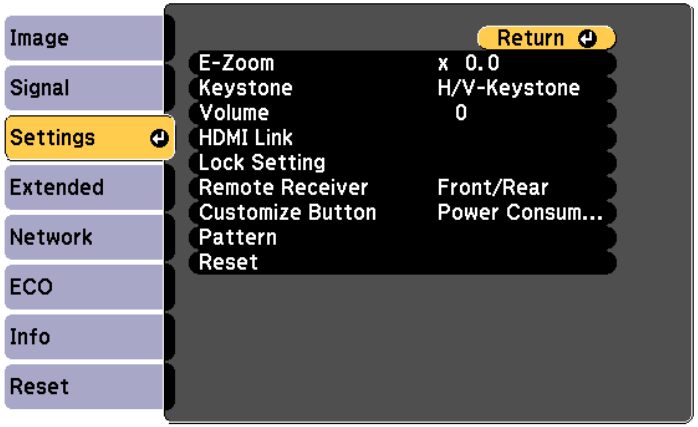
- "Projector Feature Settings - Settings Menu" p.118

Correcting the Image Shape with Quick Corner

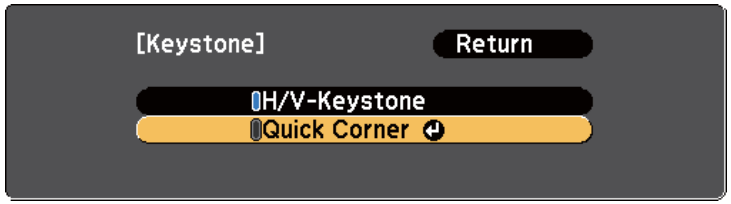
You can use the projector's **Quick Corner** setting to correct the shape and size of an image that is unevenly rectangular.



1. Turn on the projector and display an image.
2. Press the [Menu] button on the control panel or remote control.
3. Select the **Settings** menu and press [Enter].

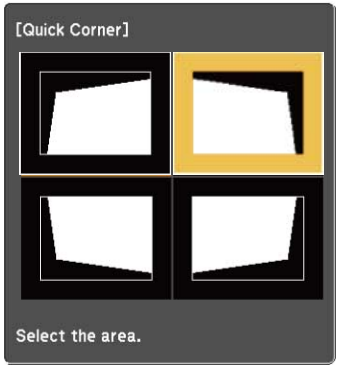


4. Select **Keystone** and press [Enter].
5. Select **Quick Corner** and press [Enter]. Then press [Enter] again if necessary.



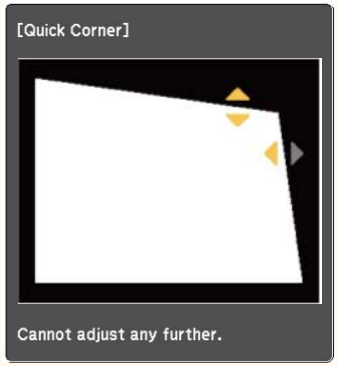
You see the area selection screen.

6. Use the arrow buttons to select the corner of the image you want to adjust. Then press [Enter].

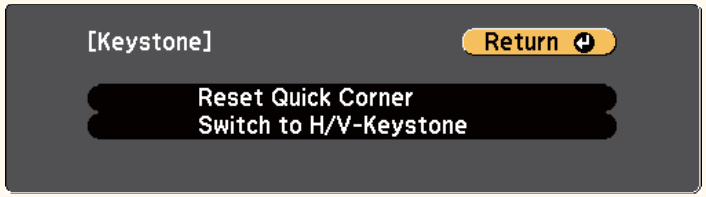


7. Press the arrow buttons to adjust the image shape as necessary.
   To return to the area selection screen, press [Enter].

- If you see this screen, you cannot adjust the shape any further in the direction indicated by the gray triangle.



- To reset the Quick Corner corrections, hold down [Esc] for about 2 seconds while the Quick Corner adjustment screen is displayed, and select **Reset Quick Corner**. Select **Switch to H/V-Keystone** to switch the image shape correction method to H/V-Keystone.



8 Repeat steps 6 and 7 as needed to adjust any remaining corners.

9 When you are finished, press [Esc].

The **Keystone** setting is now set to **Quick Corner** in the projector's **Settings** menu. The next time you press the keystone adjustment buttons on the control panel, the area selection screen is displayed.

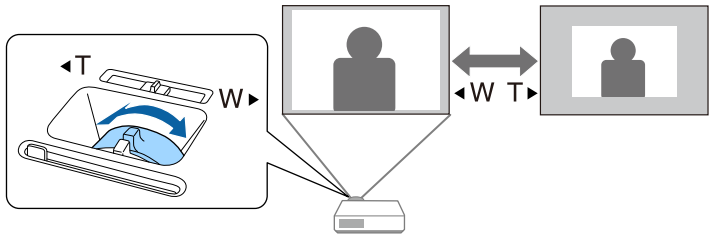
Related Links

- "Projector Feature Settings - Settings Menu" p.118

Resizing the Image with the Zoom Ring

You can resize the image using the projector's zoom ring. (Available only for models that have the zoom ring.)

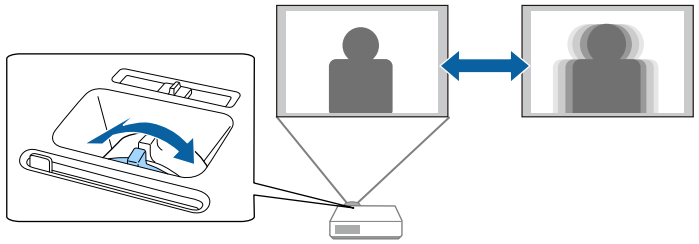
1. Turn on the projector and display an image.
2. Rotate the zoom ring to enlarge or reduce the image.



Focusing the Image Using the Focus Ring

You can correct the focus using the focus ring.

1. Turn on the projector and display an image.
2. Rotate the focus ring to adjust the focus.



When multiple image sources are connected to the projector, such as a computer and DVD player, you can switch from one image source to the other.

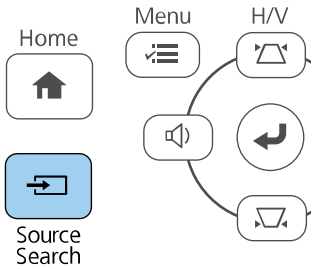
Available sources vary depending on the projector model.

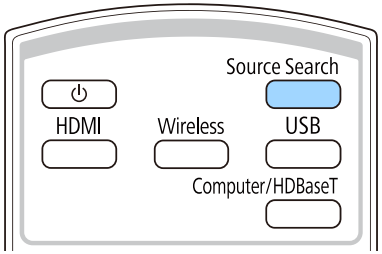
1 Make sure the connected image source you want to use is turned on.

2 For video image sources, insert a DVD or other video media and press play.

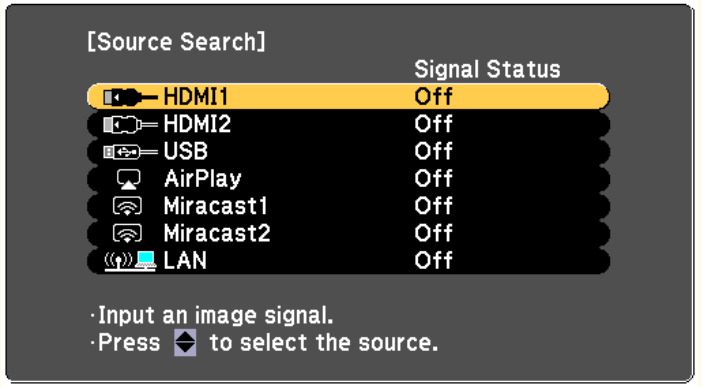
3 Do one of the following:

- Press the [Source Search] button on the control panel or remote control until you see the image from the source you want.

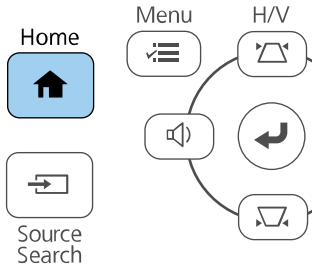


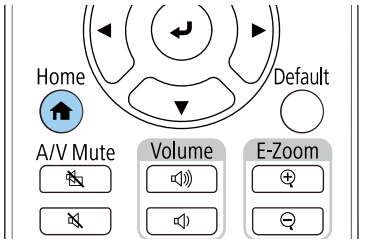


This screen is displayed when no image signal is detected. Check the cable connections between the projector and image source.



- 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.
- Press the [Home] button on the control panel or remote control.





Then select the source you want to use from the screen displayed.

Selecting an Image Source

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.

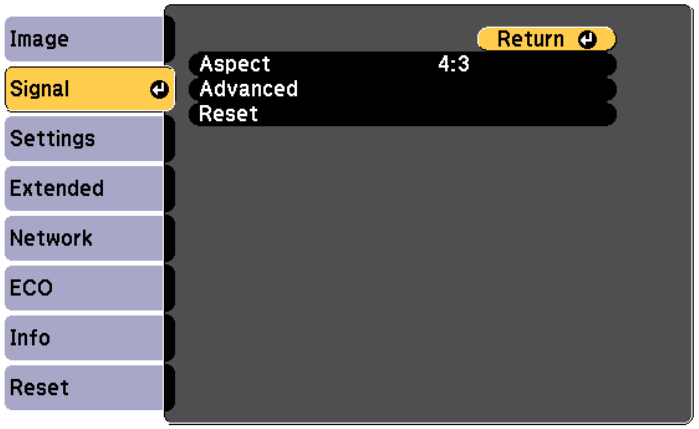
If you always want to use a particular aspect ratio for a certain video input source, you can select it using the projector's **Signal** menu.

Related Links
- "Changing the Image Aspect Ratio" p.49
- "Available Image Aspect Ratios" p.49
- "Projected Image Appearance with Each Aspect Mode" p.50
- "Input Signal Settings - Signal Menu" p.117

Changing the Image Aspect Ratio

You can change the aspect ratio of the displayed image.

1. Turn on the projector and switch to the image source you want to use.
2. Press the [Menu] button on the control panel or remote control.
3. Select **Signal** and press [Enter].



4. Select **Aspect** and press [Enter].
5. Select one of the displayed aspect modes and press [Enter].
6. Press [Menu] or [Esc] to exit the menus.

Related Links
- "Input Signal Settings - Signal Menu" p.117

Available Image Aspect Ratios

You can select the following image aspect ratios, depending on the input signal from your image source.

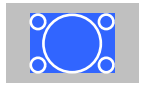
- The available aspect ratio setting varies depending on the input signal.
- Note that using the aspect ratio function of the projector to reduce, enlarge, or split the projected image for commercial purposes or for public viewing may infringe upon the rights of the copyright holder of that image based on copyright law.

Aspect mode	Description
Auto	Automatically sets the aspect ratio according to the input signal.
Full	Displays images using the full size of the projection area, but does not maintain the aspect ratio.
Zoom	Displays images using the full width of the projection area and maintains the aspect ratio of the image.
Native	Displays images as is (aspect ratio and resolution are maintained).

Projected Image Appearance with Each Aspect Mode

Black bands and cropped images may project in certain aspect ratios, depending on the aspect ratio and resolution of your input signal. See the following table to confirm the position of black bands and cropped images.

The image for **Native** varies depending on the input signal.

Aspect mode	Aspect ratio for input signals		
	16:10	16:9	4:3
Auto			
Full			
Zoom			
Native			

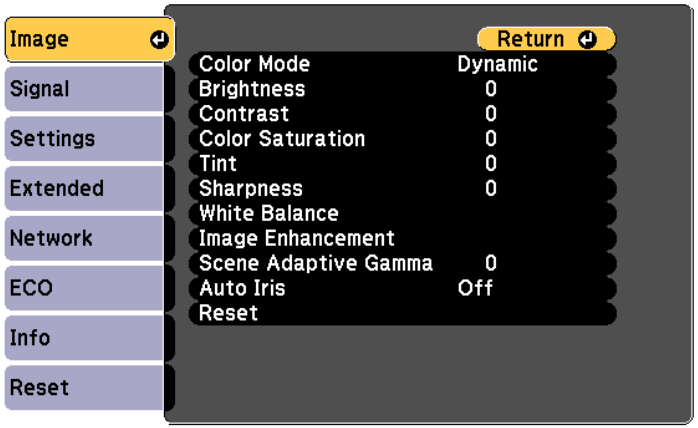
The projector offers different color modes to provide optimum brightness, contrast, and color for a variety of viewing environments and image types. You can select the mode designed to match your image and environment, or experiment with the available modes.

Related Links
- "Changing the Color Mode" p.51
- "Available Color Modes" p.51
- "Setting Auto Iris" p.51

Changing the Color Mode

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

1. Turn on the projector and switch to the image source you want to use.
2. Press the [Menu] button on the control panel or remote control.
3. Select **Image** and press [Enter].



4. Select **Color Mode** and press [Enter].
5. Select one of the displayed color modes and press [Enter].
6. Press [Menu] or [Esc] to exit the menus.

Related Links
- "Image Quality Settings - Image Menu" p.115

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	This is the brightest mode. Best for prioritizing brightness.
Vivid	Best for enjoying various content in a bright environment.
Cinema	Best for enjoying content such as movies.
Natural	Best for faithfully reproducing the color representation of the content.

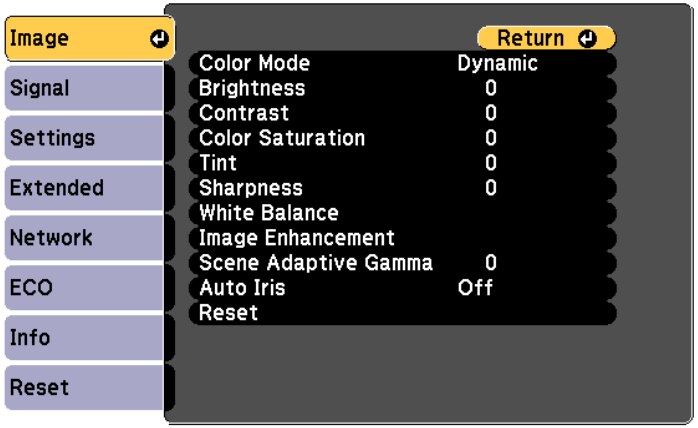
Setting Auto Iris

You can turn on **Auto Iris** to automatically optimize the image based on the brightness of the content.

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

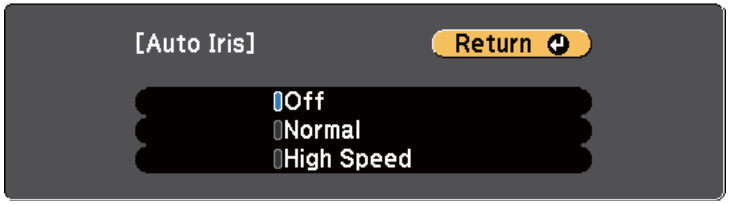
2 Press the [Menu] button on the control panel or remote control.

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



4 Select **Auto Iris** and press [Enter].

5 Choose one of the following options and press [Enter]:



- **Normal** for standard brightness adjustment.
- **High Speed** to adjust brightness as soon as the scene changes.

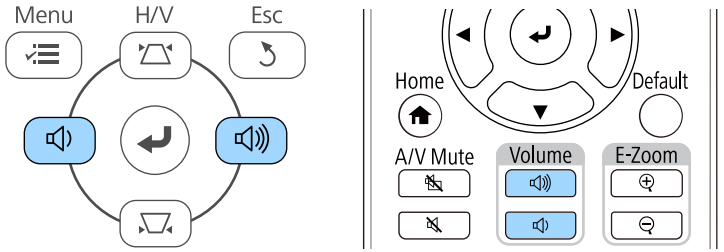
6 Press [Menu] or [Esc] to exit the menus.

The volume buttons control the projector's internal speaker system.

You can also control the volume of any external speakers you connected to the projector.

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

1. Turn on the projector and start a presentation.
2. To lower or raise the volume, press the [Volume] buttons on the control panel or remote control as shown.



A volume gauge appears on the screen.

3. To set the volume to a specific level for an input source, select **Volume** in the projector's **Settings** menu.

⚠ Caution

Do not start a presentation at a high volume setting. Sudden loud noises may cause hearing loss.

Always lower the volume before powering off, so that you can power on and then gradually increase the volume.

Related Links

- "Projector Feature Settings - Settings Menu" p.118

Adjusting Projector Features

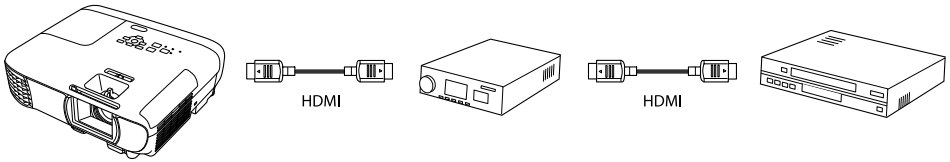
Follow the instructions in these sections to use your projector's adjustment features.

Related Links

- "HDMI Link Features" p.55
- "Projecting a PC Free Presentation" p.57
- "Shutting Off the Image and Sound Temporarily" p.62
- "Shutting Off the Sound Temporarily" p.63
- "Stopping Video Action Temporarily" p.64
- "Zooming In/Zooming Out of Images (E-Zoom)" p.65
- "Saving a User's Logo Image" p.67
- "Saving a User Pattern" p.69
- "Color Difference Correction when Projecting from Multiple Projectors" p.70
- "Projector Security Features" p.73

When an audio/video source that meets the HDMI CEC standard is connected to the projector's HDMI port, you can use the projector's remote control to control certain features of the linked device.

Example: Projector, audio/video system, and multi-media players connection



- As long as the connected device meets the HDMI CEC standard, you can use the HDMI Link features even if the audio/video system in-between does not meet the HDMI CEC standard.
- Up to 3 multi-media players that meet the HDMI CEC standard can be connected at the same time.

Related Links

- "Operating the Connected Devices Using the HDMI Link Features" p.55

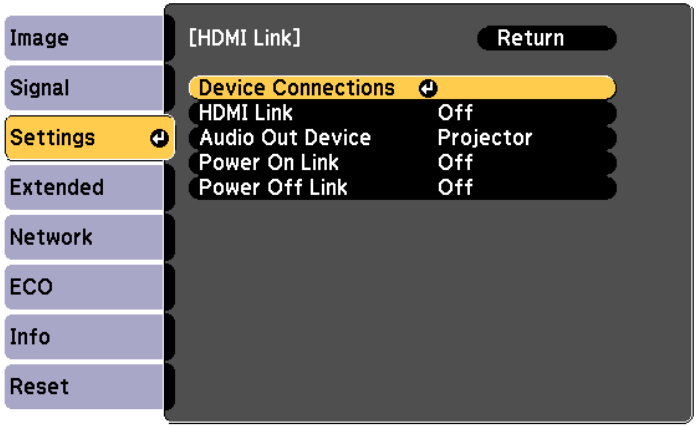
Operating the Connected Devices Using the HDMI Link Features

You can select the connected device that is available for HDMI Link and control the selected device using the HDMI Link features.

- When you use the HDMI Link features, set the **HDMI Link** setting to **On** in the projector's **Settings** menu.

  ☛ **Settings** > **HDMI Link** > **HDMI Link**
- You must also configure the connected device. See the documentation supplied with the device for more information.
- Some connected devices or functions of those devices may not operate properly even if they meet the HDMI CEC standard. See the documentation supplied with the device for more information.
- Use a cable that supports the HDMI standard.

1. Press the [Menu] button on the control panel or remote control.
2. Select **Settings** and press [Enter].
3. Select **HDMI Link** and press [Enter].
   On the screen displayed, make sure that **HDMI Link** is set to **On**.
4. Select **Device Connections** and press [Enter].



5 Select the device you want to control and project the image from, and press [Enter].

- A linked device is indicated by a blue mark.
- The device name is left blank if it cannot be acquired.

6 Press [Esc] to select the HDMI Link options as necessary.

- **Audio Out Device**: Select the device for audio output.

  - Select **Projector** to output audio from the projector itself.
  - Select **AV System** to output audio from an AV amplifier that is connected using an HDMI cable.

- **Power On Link** lets you control what happens when you turn on the projector or linked device.

  - Select **PJ** -> **Device** or **Bidirectional** to turn the linked device on when the projector is turned on.
  - Select **Device** -> **PJ** or **Bidirectional** to turn the projector on when the linked device is turned on.

- **Power Off Link** lets you control whether linked devices are turned off when the projector is turned off.

  - **Power Off Link** only works when the connected device's CEC power link function is enabled.
  - Note that depending on the status of the connected device (for example, if it is recording), the device may not be turned off.

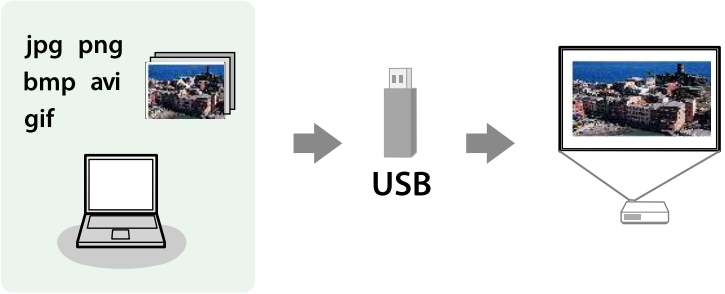
7 Press [Esc] to exit the menus.

You can use the projector's remote control to control the linked device, such as playback, stop, fast forward, and rewind.

Related Links

- "Projector Feature Settings - Settings Menu" p.118

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



Related Links

- "Supported PC Free File Types" p.57
- "Precautions on PC Free Projection" p.57
- "Starting a PC Free Slide Show" p.58
- "Starting a PC Free Movie Presentation" p.59
- "PC Free Display Options" p.60

Supported PC Free File Types

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

- 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.

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

Precautions on PC Free Projection

Note the following precautions when using PC Free features.

- You cannot use a USB key for PC Free features.
- Do not disconnect the USB storage 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 storage 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 device with your projector.
- Some commercially available USB card readers may not be compatible with the projector.
- The projector can recognize up to 5 cards inserted into the connected card reader at one 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 functions while projecting in PC Free.
  - Freeze
  - A/V Mute
  - E-Zoom

Related Links

- "Stopping Video Action Temporarily" p.64
- "Shutting Off the Image and Sound Temporarily" p.62
- "Zooming In/Zooming Out of Images (E-Zoom)" p.65

Starting a PC Free Slide Show

After connecting a USB device to the projector, you can switch to the USB input source and start your slide show.

- You can change the PC Free operation options or add special effects by highlighting **Option** at the bottom of the screen and pressing [Enter].

1 Press the [USB] button on the remote control.

The PC Free file list screen is displayed.

- If the Select Drive screen is displayed, press the arrow buttons to select the drive and press [Enter].
- To display images on the other USB drive, highlight **Select Drive** at the top of the file list screen and press [Enter].

2 Do one of the following 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].

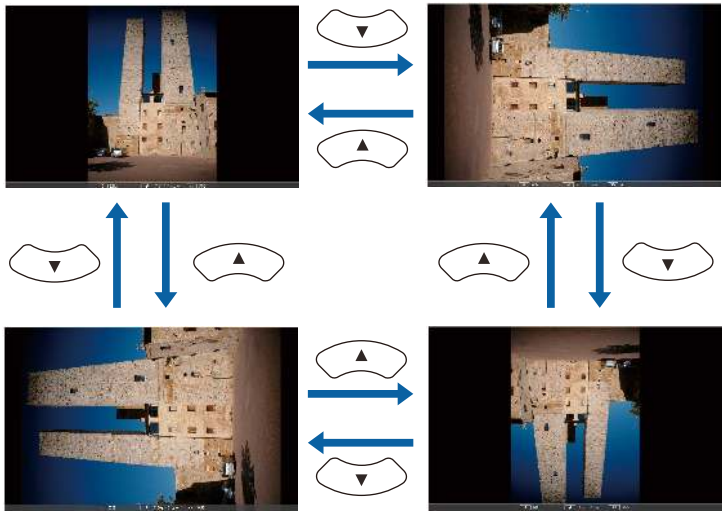
3 Do one of the following:

- 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].

- You can change the image switching time by highlighting **Option** at the bottom of the screen and pressing [Enter].
- If any file names are longer than the display area or include unsupported symbols, the file names may be shortened or changed only on the screen display.

4 While projecting, use the following commands to control the display:

- 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.

You return to the file list screen.

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

Related Links

- "PC Free Display Options" p.60
- "Connecting to a USB Device" p.23

Starting a PC Free Movie Presentation

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

- You can change the PC Free operation options by highlighting **Option** at the bottom of the screen and pressing [Enter].

1 Press the [USB] button on the remote control.

The PC Free file list screen is displayed.

- If the Select Drive screen is displayed, press the arrow buttons to select the drive and press [Enter].
- To display movie files on the other USB drive, highlight **Select Drive** at the top of the file list screen and press [Enter].

2 Do one of the following 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].

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

- If any file names are longer than the display area or include unsupported symbols, the file names may be shortened or changed only on 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].

You return to the file list screen.

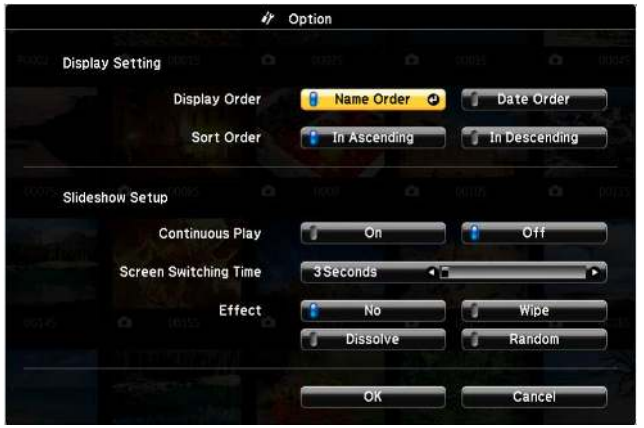
5 Turn off the USB device, if necessary, and then disconnect the device from the projector.

Related Links

- "PC Free Display Options" p.60
- "Connecting to a USB Device" p.23

PC Free Display Options

You can select these display options when using PC Free. To access this screen, highlight **Option** at the bottom of the PC Free file list screen and press [Enter].

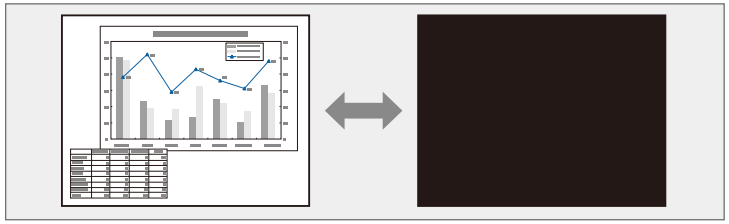


Setting	Options	Description
Display Order	Name Order	Displays files in name order
	Date Order	Displays files in date order
Sort Order	In Ascending	Sorts files in first-to-last order
	In Descending	Sorts files in last-to-first order
Continuous Play	On	Displays a slide show continuously
	Off	Displays a slide show once
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
Effect	No	No effect
	Wipe	Transitions between images using a wipe effect
	Dissolve	Transitions between images using a dissolve effect

Setting	Options	Description
	Random	Transitions between images using a random variety of effects

Shutting Off the Image and Sound Temporarily

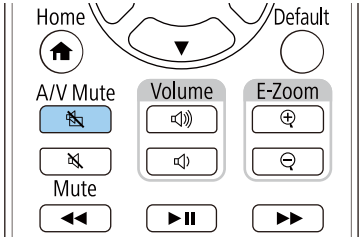
You can temporarily turn off the projected image and sound if you want to redirect your audience's attention during a presentation. Any sound or video action continues to run, however, so you cannot resume projection at the point that you stopped it.



If you want to display an image such as a company logo or picture when the [A/V Mute] button is pressed, you can select the screen displayed in the **A/V Mute** setting in the projector's **Extended** menu.

☛ **Extended** > **Display** > **A/V Mute**

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



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

- You can also stop projection using the A/V Mute slide lever on the projector.
- The projector's power automatically turns off 30 minutes after A/V Mute is enabled. You can disable this feature.

  ☛ **ECO** > **A/V Mute Timer**
- The lamp is still operating during A/V Mute, so the lamp hours continue to accumulate.

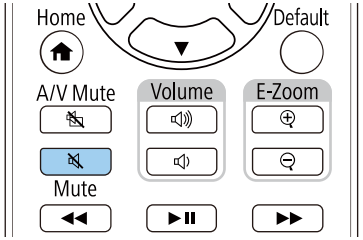
Related Links

- "Projector Setup Settings - Extended Menu" p.120
- "Projector Setup Settings - ECO Menu" p.132

Shutting Off the Sound Temporarily

You can temporarily mute the audio.

1. Press the [Mute] button on the remote control to mute the audio.



2. To unmute, press [Mute] again.

Stopping Video Action Temporarily

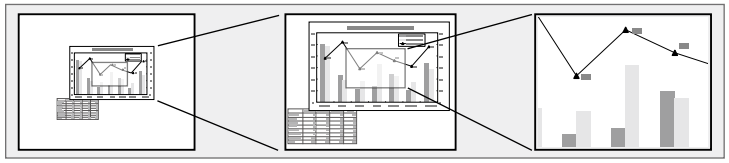
You can temporarily stop the action in a video or computer presentation and keep the current image on the screen. Any sound or video action continues to run, however, so you cannot resume projection at the point that you stopped it.

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.

You can zoom in or zoom out of the projected image using the [E-Zoom] button on the remote control.

The size and the position of the zoomed image remain even after switching the input source or turning off the projector.

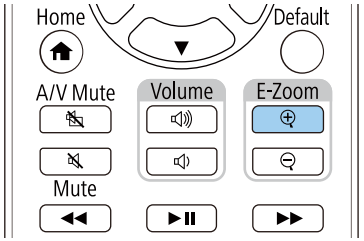


Related Links

- "Zooming Into Images" p.65
- "Zooming Out of Images" p.65

Zooming Into Images

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



The projected image is enlarged focusing around the center of the image. You can enlarge the image between one to four times in 25 incremental steps.

2 Use the following buttons on the remote control to adjust the zoomed image while the zoom ratio is displayed:

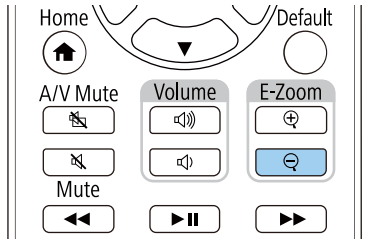
- Press the [E-Zoom] + button repeatedly to zoom into the image.
- To pan around the zoomed image, use the arrow buttons.
- To zoom out of the image, press the [E-Zoom] – button.
- To return to the original image size, press the [Default] button.

When projecting images from an Epson document camera, you can enlarge the image from one to eight times its size in 57 incremental steps using the [E-Zoom] + button on the document camera.

When the zoom ratio display disappears, the size and the position of the zoomed image will be saved. Press the [E-Zoom] +/- buttons to make adjustment again.

Zooming Out of Images

1 Press the [E-Zoom] - button on the remote control.



The projected image is reduced. You can reduce the image between 100% to 50% in incremental steps.

2 Use the following buttons on the remote control to adjust the zoomed-out image while the zoom ratio is displayed:

- Press the [E-Zoom] - button repeatedly to zoom out of the projected image.

- To move the zoomed-out image in the projection area, use the arrow buttons.
- To zoom into the image, press the [E-Zoom] + button.
- To return to the original image size, press the [Default] button.

When projecting image from an Epson document camera, you can also reduce the image using the [E-Zoom] - button on the document camera.

When the zoom ratio display disappears, the size and the position of the zoomed image will be saved. Press the [E-Zoom] +/- buttons to make adjustment again.

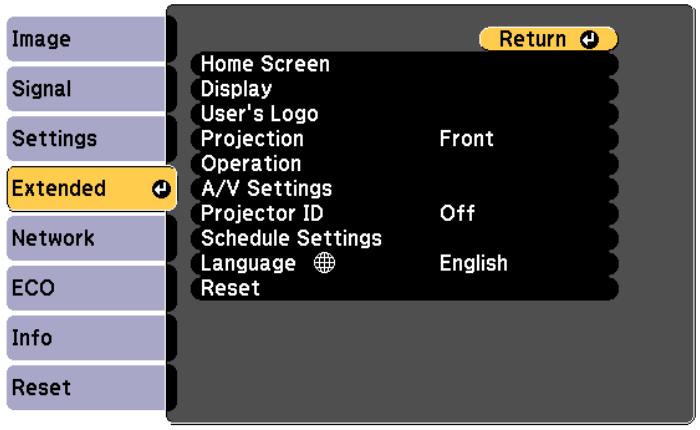
Saving a User's Logo Image

You can save an image on the projector and display it whenever the projector turns on. You can also display the image when the projector is not receiving an input signal. This image is called the user's logo screen.

You can select a photo, graphic, or company logo as the user's 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.

- If the **User's Logo Protection** setting in the **Password Protection** setting menu is set to **On**, set to **Off** before saving the user's logo.
- When you copy the menu settings from one projector to another using the batch setup feature, user's logo is also copied. Do not register the information that you do not want to share between multiple projectors as a user's logo.
- You cannot save content that is protected by HDCP.
- This function is unavailable if the input source is AirPlay, LAN, or Miracast.

1. Display the image you want to project as the user's logo.
2. Press the [Menu] button, select the **Extended** menu, and press [Enter].



3. Select **User's Logo** > **Start Setting** and press [Enter].
   You see a prompt asking if you want to use the displayed image as a user's logo.

   Adjustments such as Keystone, E-Zoom, or Aspect are temporarily canceled when you select **User's Logo**.

4. Select **Yes** and press [Enter].
5. Check the displayed image, and then select **Yes** to save it as the user's logo.
   The user's logo is overwritten and a completion message is displayed.
6. Press [Esc] to exit the message screen.
7. Select the **Extended** menu and press [Enter].
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**.
     ☛ **Extended** > **Display** > **Display Background**
   - To display it whenever you turn the projector on, select **Startup Screen** and set it to **On**.
     ☛ **Extended** > **Display** > **Startup Screen**
   - To display it whenever you press the [A/V Mute] button, select **A/V Mute** and set it to **Logo**.
     ☛ **Extended** > **Display** > **A/V Mute**

Saving a User's Logo Image

To prevent anyone from changing the User's Logo settings without first entering a password, set the **User's Logo Protection** setting to **On** in the **Password Protection** setting menu and set the password.

Related Links

- "Shutting Off the Image and Sound Temporarily" p.62
- "Selecting Password Security Types" p.74

Saving a User Pattern

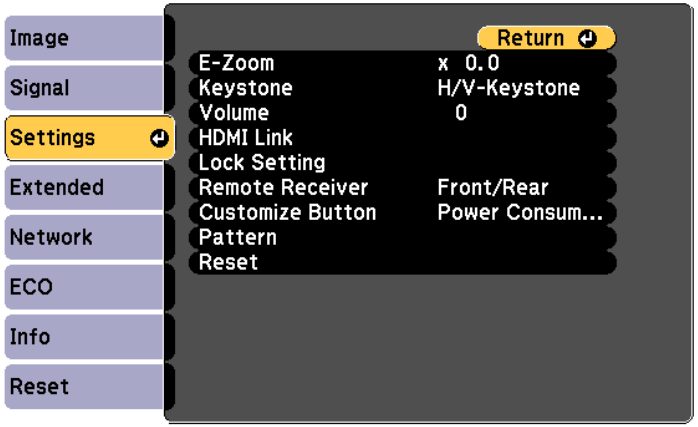
There are four types of patterns pre-registered in the projector, such as ruled lines and grid patterns. You can project these patterns to aid in presentations using the **Pattern Display** settings.

You can also save the image that is currently being projected as a User Pattern.

Once you save a User Pattern, the pattern cannot be returned to the factory default.

1 Project the image you want to save as the User Pattern, and then press the [Menu] button on the control panel or remote control.

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



3 Select **Pattern** > **User Pattern** and press [Enter].

You see a prompt asking if you want to use the displayed image as a User Pattern.

- Adjustments such as Keystone, E-Zoom, or Aspect are temporarily cancelled when you select **User Pattern**.
- You cannot save digital images protected by HDCP technology as a User Pattern.

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

5 Press [Enter].

You see a prompt asking if you want to save the image as the User Pattern.

6 Select **Yes** and press [Enter].

You see a completion message.

When lining up multiple projectors to project images, you can correct the brightness and color tone of each projector's image so that the images match closely.

You can set a unique projector ID for each projector to operate them individually using a remote control, and then correct the brightness and color for each projector.

- 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.

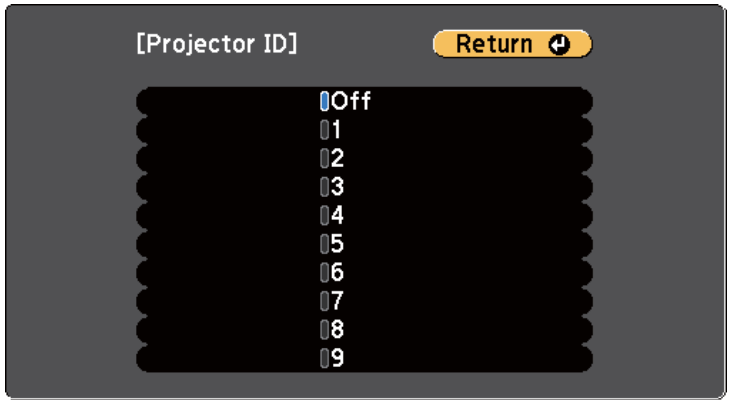
Related Links

- "Setting the Projector ID" p.70
- "Selecting the Projector You want to Operate" p.70
- "Matching Multiple-Projector Display Quality" p.71

Setting the Projector ID

To control multiple projectors from a remote control, give each projector a unique ID.

1. Press the [Menu] button, select the **Extended** menu, and press [Enter].
2. Select **Projector ID** and press [Enter].
3. Use the arrow buttons to select the identification number you want to use for the projector. Then press [Enter].

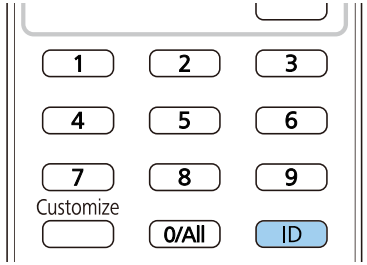


4. Press [Menu] or [Esc] to exit the menus.
5. Repeat these steps for all the other projectors you want to operate from one remote control.

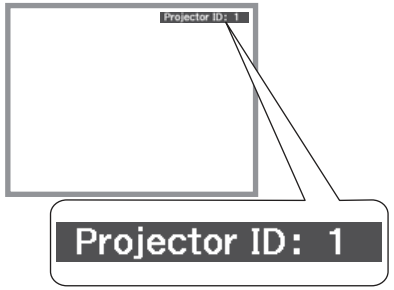
Selecting the Projector You want to Operate

After setting the projector's ID, select the ID for the projector you want to operate using the remote control.

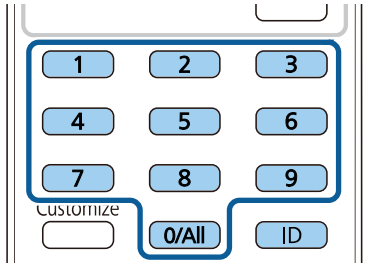
1 Aim the remote control at the target projector and press the [ID] button.



The current Projector ID is displayed on the projected screen. It disappears after about 3 seconds.



2 While holding the [ID] button, press the number button that matches the ID of the projector you want to operate.



The projector you want to operate is selected.

- When you select [0/All] on the remote control, you can operate all projectors regardless the **Projector ID** setting.
- When you set the **Projector ID** setting to **Off**, you can operate the projector using the remote control whichever ID you select on the remote control.
- The projector ID setting is saved in the remote control. Even if the remote control batteries are removed to replace them and so on, the saved ID setting is retained. However, if the batteries are left out of the remote control for an extended period, the ID returns to its default setting (0/All).
- When you use multiple remote controls at the same time, you may not be able to operate projectors as intended due to infrared interference.

Matching Multiple-Projector Display Quality

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

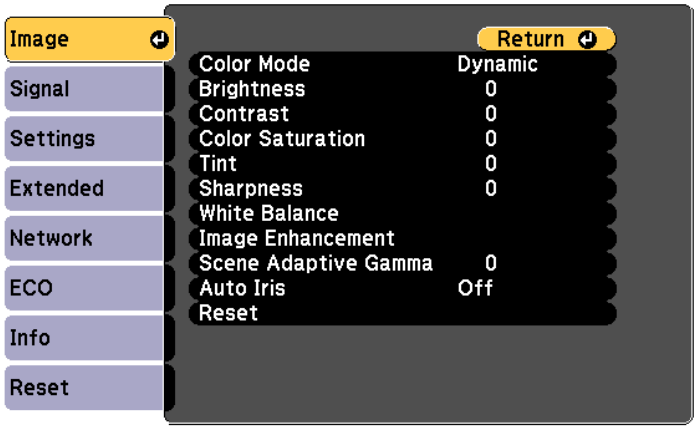
1 Turn on all the projectors on which you want to match the display quality.

2 Set ID numbers on each projector.

3 Make sure all the projectors are using the same Color Mode setting.

4 Select the remote control ID to match the first projector.

5 Press the [Menu] button, select the **Image** menu, and press [Enter].



6 Select settings as necessary.

7 Select the remote control ID to match the next projector, then repeat Image menu adjustments as necessary to match the projectors' displays.

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

- Password security to prevent people who do not know the password from using the projector, and prevent changes to the startup screen and other settings.

  This acts as an anti-theft function as the projector cannot be used even if it is stolen, and you can limit who can use the projector.
- Button lock security to block operation of the projector using the buttons on the control panel.

  This is useful at events or shows when you want to deactivate all buttons during projection or at schools when you want to limit button operation.
- Security cabling to physically secure the projector in place.

Related Links
- "Password Security Types" p.73
- "Locking the Projector's Buttons" p.75
- "Installing a Security Cable" p.76

Password Security Types

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

- **Power On Protection** password prevents anyone from using the projector without first entering a password. When plugging the power cord and turning on the projector, you must enter the correct password. This also applies to **Direct Power On** and **Auto Power On**.
- **User's Logo Protection** password prevents anyone from changing the custom screen displayed when the projector turns on, when no signal is being input, or when you use the A/V Mute feature. The custom screen discourages theft by identifying the projector's owner.
- **Network Protection** password prevents anyone from changing the projector's **Network** settings.
- **Schedule Protection** password prevents anyone from changing the projector's schedule settings.

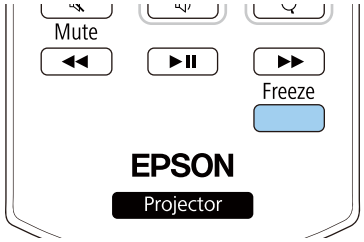
Related Links
- "Setting a Password" p.73
- "Selecting Password Security Types" p.74
- "Entering a Password to Use the Projector" p.75

Setting a Password

For the first time you use the projector, you must set a password.

No password is set by default. You must set a password.

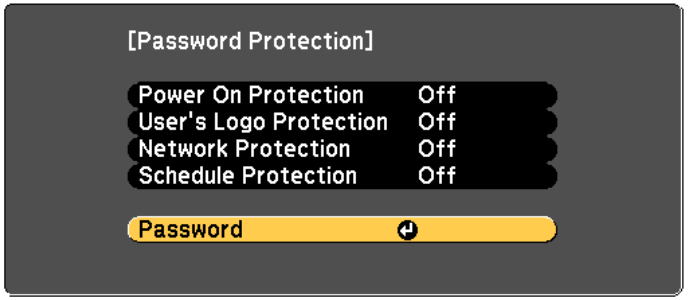
1. Hold down the [Freeze] button on the remote control for about 5 seconds.



You see the Password Protection setting menu.

- If no password has been set, a screen prompting you to set a password is displayed before you can view the **Password Protection** setting menu.
- If **Password Protection** is already activated, you must enter the correct password to display the **Password Protection** setting menu.

2 Select **Password** and press [Enter].

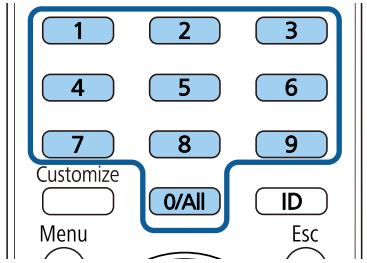


You see the prompt **Change the password?**.

3 Select **Yes** and press [Enter].

If you select **No**, the Password Protection setting menu is displayed again.

4 Use the numeric buttons on the remote control to set a four-digit password.



The password displays as **** as it is entered. A confirmation prompt is displayed when you enter the fourth digit.

5 Enter the password again.

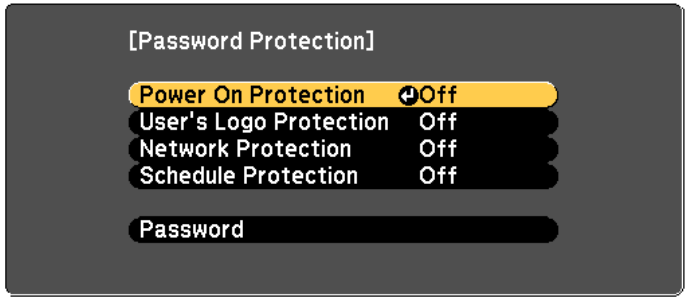
You see the message **Password accepted**. If you enter the password incorrectly, a message is displayed prompting you to re-enter the password.

6 Press [Esc] to return to the menu.

7 Make a note of the password and keep it in a safe place.

Selecting Password Security Types

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



If you do not see this menu, hold down the [Freeze] button on the remote control for 5 seconds until the menu appears.

- To prevent unauthorized use of the projector, select **On** as the **Power On Protection** setting.
- To prevent changes to the User's Logo screen or related display settings, select **On** as the **User's Logo Protection** setting.
- To prevent changes to network settings, select **On** as the **Network Protection** setting.

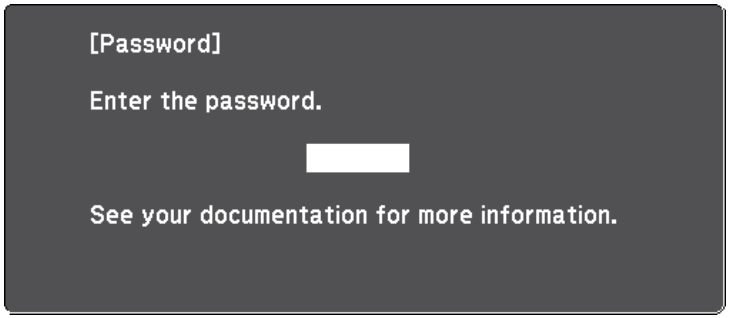
- To prevent changes to the projector's schedule settings, select **On** as the **Schedule Protection** setting.

You can attach the password protect sticker to the projector as an additional theft deterrent.

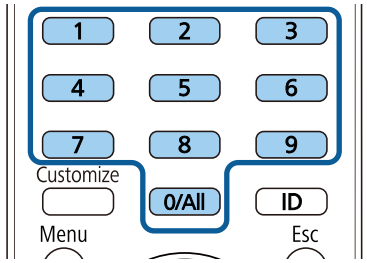
Be sure to keep the remote control in a safe place; if you lose it, you will not be able to enter the password.

Entering a Password to Use the Projector

When the password screen is displayed, enter the correct password.



1 Use the numeric buttons on the remote control to enter the password.



The password screen closes.

2 If the password is incorrect, you see a message and a prompt to try again. Enter the correct password to proceed.

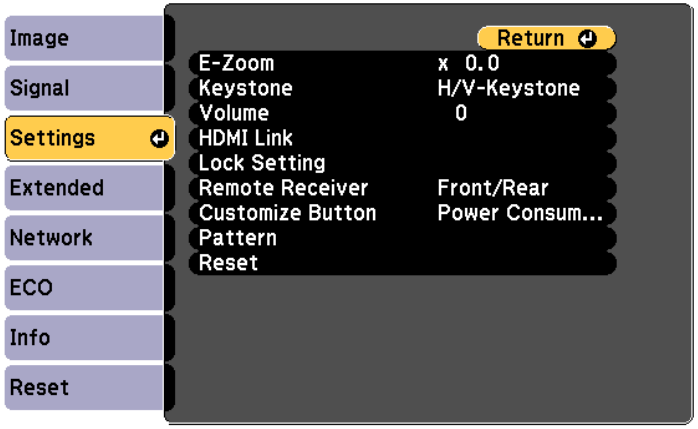
Attention

- If an incorrect password is entered three times in succession, the message **The projector's operation will be locked.** is displayed for approximately 5 minutes, and the projector switches to standby mode. If this happens, disconnect the power plug from the electrical outlet, reinsert it, and turn the projector back on. The projector displays the password entry screen again so that you can enter the correct password.
- If you have forgotten the password, make a note of the " **Request Code**: xxxxx" number that appears on the screen and contact Epson for help.
- If you continue to repeat the above operation and input the wrong password 30 times in succession, the message **The projector's operation will be locked. Contact Epson as described in your documentation.** is displayed and the projector does not accept any more password entries. Contact Epson for help.

Locking the Projector's Buttons

You can lock the buttons on the control panel to prevent anyone from using the projector. The projector can still be operated using the remote control.

1. Press the [Menu] button on the control panel or remote control.
2. Select the **Settings** menu and press [Enter].



3. Select **Lock Setting** > **Control Panel Lock**, and press [Enter].
4. Select one of these lock types and press [Enter]:
   - To lock all of the projector's buttons, select **Full Lock**.
   - To lock all buttons except the power button, select **Partial Lock**.

   You see a confirmation prompt.
5. Select **Yes** and press [Enter].
   The **Control Panel Lock** setting takes effect.

Related Links
- "Unlocking the Projector's Buttons" p.76

Unlocking the Projector's Buttons

If the projector's buttons have been locked, do one of the following to unlock them.

- Hold down the [Enter] button on the control panel for 7 seconds. A message is displayed and the lock is released.
- Select **Off** as the **Control Panel Lock** setting in the projector's **Settings** menu.

  ☛ **Settings** > **Lock Setting** > **Control Panel Lock**

Related Links
- "Projector Feature Settings - Settings Menu" p.118

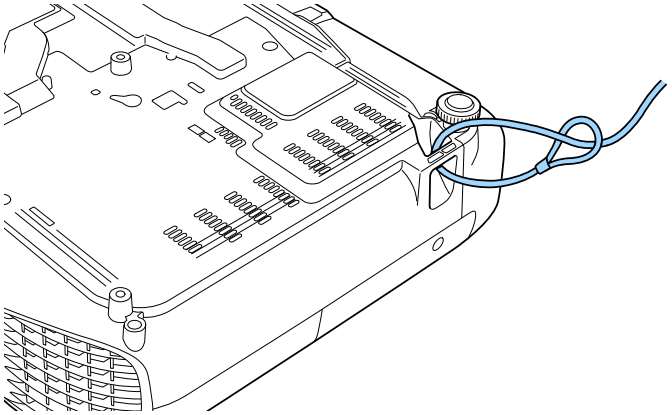
Installing a Security Cable

You can install the security cable on the projector to deter theft.

- Use the security slot on the projector to attach a Kensington Microsaver Security system.

  For more details on the Microsaver Security System, visit the Kensington Web site.
  https://www.kensington.com/

- Use the security cable attachment point on the projector to attach a wire cable and secure it to a room fixture or heavy furniture.



You can use a commercially available theft-prevention wire lock. See the documentation supplied with the wire lock for locking instructions.

Using the Projector on a Network

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

Related Links

- "Wireless Network Projection" p.79
- "Wireless Network Projection from a Mobile Device (Miracast)" p.88
- "Using AirPlay" p.92
- "Secure HTTP" p.96

You can send images to your projector through a wireless network.

You can connect the projector to your wireless network by configuring the connection manually using the projector's **Network** menus.

After setting up the projector, download and install the necessary network software. Use the following software and documentation to set up and control wireless projection.

- Epson iProjection (Windows/Mac) software allows you to hold interactive meetings by projecting the computer screens of users over a network. See the *Epson iProjection Operation Guide (Windows/Mac)* for instructions.
- Epson iProjection (iOS/Android) app allows you to project from iOS or Android devices.

  You can download Epson iProjection from the App Store or Google Play. Any fees incurred when communicating with the App Store or Google Play are the responsibility of the customer.
- Epson iProjection (Chromebook) app allows you to project from Chromebook devices.

  You can download Epson iProjection from the Chrome Web Store. Any fees incurred when communicating with the Chrome Web Store are the responsibility of the customer.

- If the **Web Control Password** has not been set, a screen prompting you to set a password is displayed when you save the network settings. Follow the on-screen instructions to set the password.
- When using the Moderator function in Epson iProjection to display the projector screen on a computer, you cannot capture the screen on that computer.

Related Links

- "Safety Instructions for Built-in Wireless LAN Module" p.79
- "Connection Methods for Wireless Network Projection" p.79
- "Selecting Wireless Network Settings Manually" p.80
- "Selecting Wireless Network Settings in Windows" p.82
- "Selecting Wireless Network Settings in Mac" p.83
- "Setting Up Wireless Network Security when Simple AP Mode is Set to On" p.83
- "Setting Up Wireless Network Security when Simple AP Mode is Set to Off" p.83
- "Using a QR Code to Connect a Mobile Device" p.86
- "Using a USB Key to Connect a Windows Computer" p.87

Safety Instructions for Built-in Wireless LAN Module

This projector contains built-in wireless LAN modules. Be sure to follow these important guidelines when using a wireless LAN connection.

⚠ Warning

- Do not use the device near medical equipment such as pace makers. Furthermore, when using the device, make sure there is no medical equipment such as pace makers, in the surrounding area. Electromagnetic interference may cause medical equipment to malfunction.
- Electromagnetic interference may cause automatically controlled equipment to malfunction which could cause an accident. Do not use the device near automatically controlled equipment such as automatic doors or fire alarms.

⚠ Caution

Make sure you keep a distance of at least 7.9 inches (20 cm) between the device and your body. Otherwise, it could cause you to feel unwell.

Connection Methods for Wireless Network Projection

Choose a connection method for connecting your computer and projector over a network based on your network environment.

- Turning on simple AP mode lets you directly connect to smartphones, tablets, or computers using your projector as an access point. When you use this

method, connect the projector using **Quick Connection Mode** of the Epson iProjection software or use Miracast.

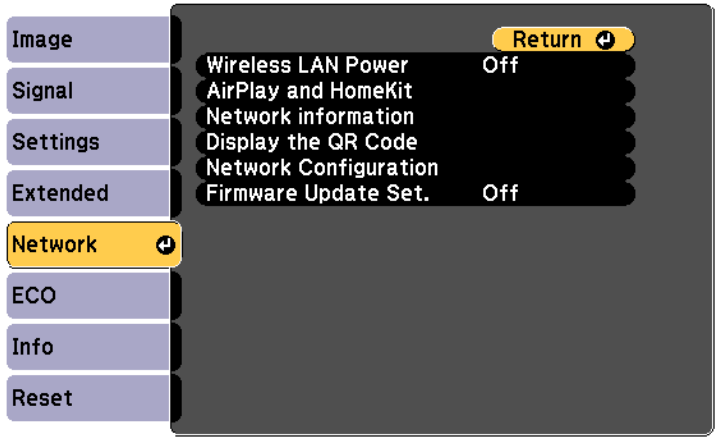
Selecting Wireless Network Settings Manually

Before you can project from your wireless network, you need to select network settings for the projector.

You can use the wireless LAN even when the projector is off. To do so, follow the steps below to configure the wireless LAN, and then set **A/V Output** to **Always On** in **A/V Settings** from the **Extended** menu.

☛ **Extended** > **A/V Settings** > **A/V Output**

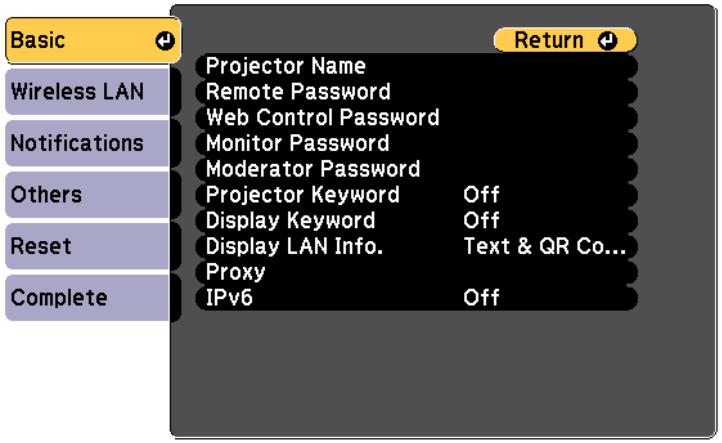
1 Press the [Menu] button, select the **Network** menu, and press [Enter].



2 Select **On** as the **Wireless LAN Power** setting.

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

4 Select the **Basic** menu and press [Enter].

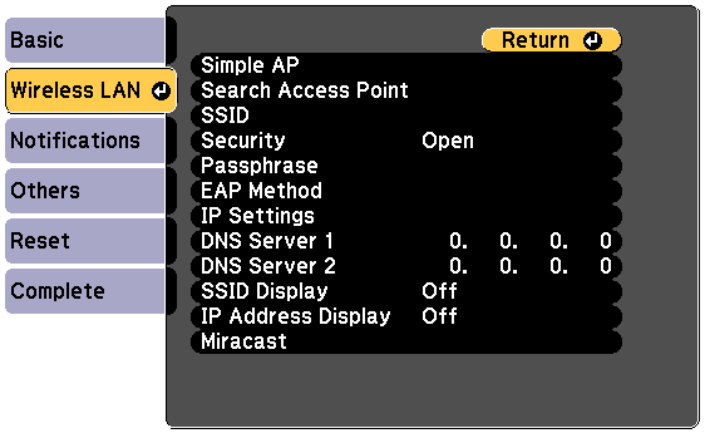


5 Select the basic options as necessary.

- **Projector Name** lets you enter a name up to 16 alphanumeric characters long to identify the projector over the network.
- **Remote Password** lets you enter a password between 8 and 32 alphanumeric characters long for accessing the projector using Basic Control. (The user name is EPSONREMOTE. No password is set by default.)
- **Web Control Password** lets you enter a password between 8 and 32 alphanumeric characters long for accessing the projector over the Web. (The user name is EPSONWEB. No password is set by default.)
- **Monitor Password** lets you enter a password up to 16 alphanumeric characters long when using Epson Projector Management Ver.5.30 or earlier, or when monitoring the projector in combination with a switcher or controller. (No password is set by default.)
- **Moderator Password** lets you enter a four-digit number password for accessing the projector as a moderator using Epson iProjection. (No password is set by default.)
- **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 Epson iProjection to access the projector and share the current screen.
- **Display Keyword** lets you select whether to display a projector keyword on the projected image when accessing the projector using Epson iProjection.
- **Display LAN Info.** lets you set the display format for the projector's network information.

Use the displayed keyboard to enter numbers and characters. Press the arrow buttons on the remote control to highlight characters and press [Enter] to select them.

6 Select the **Wireless LAN** menu and press [Enter].



7 Select the connection method.

- To connect in simple AP mode, set the **Simple AP** setting to **On** and go to step 11.

You must set the **Passphrase** when using simple AP mode for the first time. Follow the on-screen instructions to set the passphrase.

- If you are not using simple AP mode and want to connect using a wireless LAN access point, go to the next step.

8 Select **Search Access Point** to select the access point you want to connect to.

If you need to assign the SSID manually, select **SSID** to enter the SSID.

9 Assign the IP settings for your network as necessary.

- If your network assigns addresses automatically, select **IP Settings** to set the **DHCP** setting to **On**.
- If you must set addresses manually, select **IP Settings** to set the **DHCP** setting to **Off**, and then enter the projector's **IP Address**, **Subnet Mask**, and **Gateway Address** as necessary.

10 To prevent the SSID or IP address from being displayed on the LAN standby screen and Home screen, set the **SSID Display** setting or the **IP Address Display** setting to **Off**.

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

If no **Web Control Password** has been set, a screen prompting you to set a password is displayed before you can save the settings. Follow the on-screen instructions to set the password.

12 Press the [Wireless] button on the remote control until you see the LAN standby screen.

The wireless network settings are complete when you see the correct IP address on the LAN standby screen.

When you have finished making wireless settings for your projector, you need to select the wireless network on your computer. Then start the network software to send images to your projector through a wireless network.

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, click the network icon on the Windows taskbar.

2 Select the network name (SSID) of the network the projector is connecting to.

3 Click **Connect**.

Selecting Wireless Network Settings in Mac

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

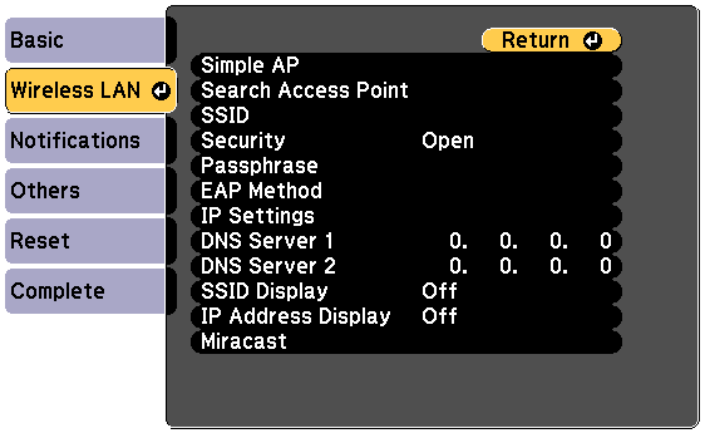
1. Click the Wi-Fi icon on the menu bar at the top of the screen.
2. Make sure Wi-Fi is turned on and select the network name (SSID) of the network the projector is connecting to.

Setting Up Wireless Network Security when Simple AP Mode is Set to On

You can set up security for your projector to use on a wireless network with simple AP mode. You can use WPA2-PSK security.

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

1. Press the [Menu] button, select the **Network** menu, and press [Enter].
2. Select **Network Configuration** and press [Enter].
3. Select the **Wireless LAN** menu and press [Enter].



4. Select **Simple AP** and press [Enter].
5. Select **Passphrase**, press [Enter], and enter a passphrase from 8 to 63 characters long. To enter more than 32 characters, use your Web browser.
6. When you have finished making settings, select **Complete** and follow the on-screen instructions to save your settings and exit the menus.

Setting Up Wireless Network Security when Simple AP Mode is Set to Off

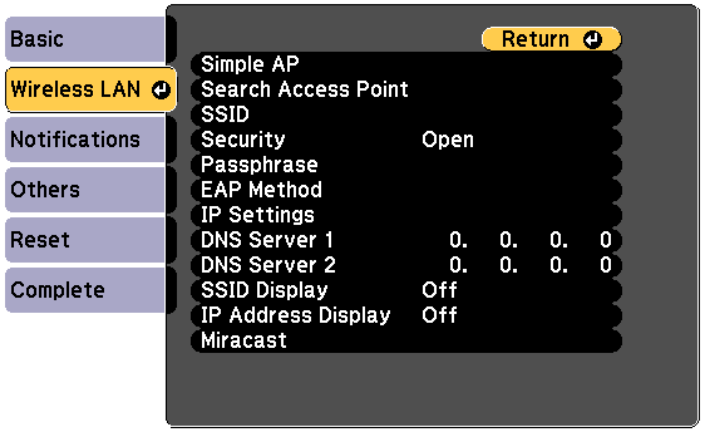
You can set up security for your projector to use on a wireless network. Set up one of the following security options to match the settings used on your network.

- WPA3-PSK security
- WPA2/WPA3-PSK security

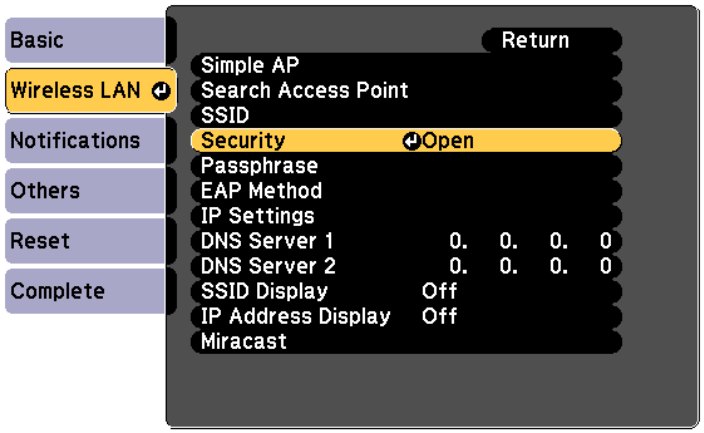
- WPA3-EAP security
- WPA2/WPA3-EAP security

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

1. When setting WPA3-EAP or WPA2/WPA3-PSK security, store the certificate in a format that is compatible with the projector in the root directory of the USB storage device.
2. Press the [Menu] button, select the **Network** menu, and press [Enter].
3. Select **Network Configuration** and press [Enter].
4. Select the **Wireless LAN** menu and press [Enter].

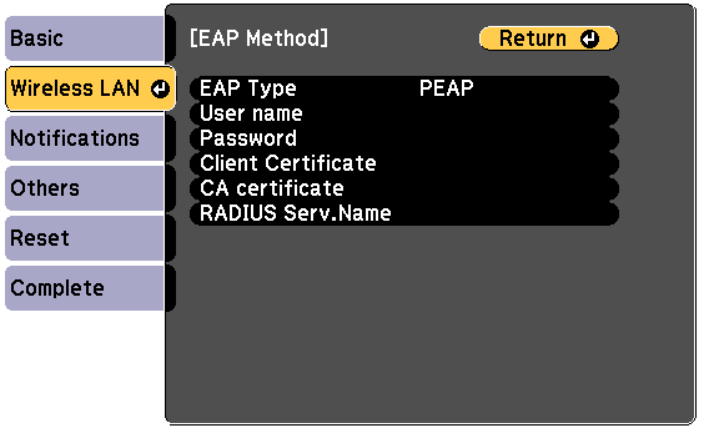


5. Select the **Security** setting and press [Enter].



6. Select the security settings to match your network settings.
7. Do one of the following according to the security you selected.
   - **WPA3-PSK** or **WPA2/WPA3-PSK**: Select **Passphrase**, press [Enter], and enter a passphrase from 8 to 63 characters long. To enter more than 32 characters, use your Web browser. Then go to step 16.
   - **WPA3-EAP** or **WPA2/WPA3-EAP**: Select **EAP Method** and press [Enter].

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



9 To import your certificate, select the certificate type and press [Enter].

- **Client Certificate** for the **EAP-TLS** type
- **CA certificate** for all EAP types

> You can also register the digital certificates from your Web browser. However, be 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 using the displayed list.

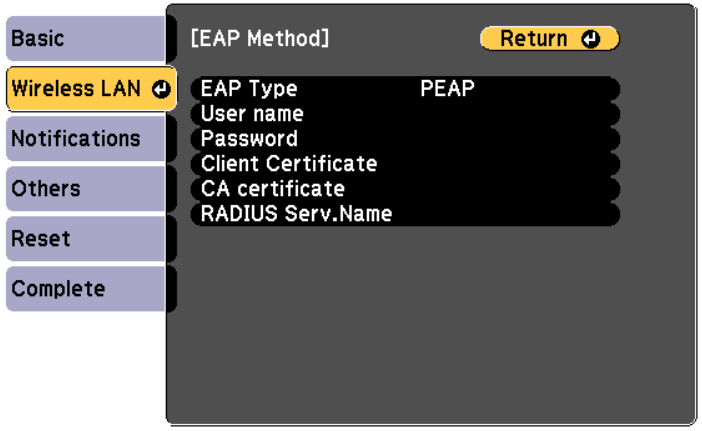
A message is displayed prompting you to enter the password for the certificate.

14 Enter a password and press [Enter].

The certificate is imported and a completion message appears.

15 Select your EAP settings as necessary.

- **User name** lets you enter a user name using up to 64 alphanumeric characters. To enter more than 32 characters, use your Web browser. When importing a client certificate, the name the certificate was issued to is automatically set.
- **Password** lets you enter a password using up to 64 alphanumeric characters for authentication when using the **PEAP** type. To enter more than 32 characters, use your Web browser.
- **RADIUS Serv.Name** lets you enter the server name to be verified.



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

Related Links
- "Supported Client and CA Certificates" p.86
- "Network Menu - Wireless LAN Menu" p.125

Supported Client and CA Certificates

You can register these types of digital certificates.

Client Certificate (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 64 alphanumeric characters; required

CA Certificate (PEAP/EAP-TLS)

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

* You can set a password using up to 64 alphanumeric characters. However, you need to use your Web browser to enter more than 32 characters.

Using a QR Code to Connect a Mobile Device

After selecting 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 (iOS/Android) app.

- Make sure you have installed the latest version of Epson iProjection on your device.
- You can download Epson iProjection for free from the App Store or Google Play. Any fees incurred when communicating with the App Store or Google Play are the responsibility of the customer.
- When using Epson iProjection in Quick connection mode, we recommend making security settings.

1. Press the [Wireless] button on the remote control.
   The QR code is displayed on the projected surface.

   - If you do not see the QR code, set the **Display LAN Info.** setting to **Text & QR Code** in the projector's **Network** menu.
     ☛ **Network** > **Network Configuration** > **Basic** > **Display LAN Info.**
   - To hide the QR code, press [Esc].
   - When the QR code is hidden, press [Enter] to display the code.

2. Start Epson iProjection on your mobile device.

3 Read the projected QR code using Epson iProjection to connect it to the projector.

> To correctly read the QR code, make sure you face the screen squarely and closely enough so that the projected code fits into the guide of the mobile device's QR code reader. If you are too far from the screen, the code may not be read.

When a connection is established, select **Contents** menu from ☰, and then select the file you want to project.

Using a USB Key to Connect a Windows Computer

You can set up your USB flash drive as a USB key to quickly connect the projector to a wireless LAN supported Windows computer. After creating the USB key, you can quickly project images from the network projector.

1 Set up the USB key using Epson iProjection (Windows) software.

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

2 Turn on the projector.

3 Press the [Wireless] button on the remote control until you see the LAN standby screen.

The LAN standby screen is displayed. Verify that an SSID and IP address are displayed.

4 Connect the USB key to the projector's USB-A port.

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

5 Remove the USB key.

6 Connect the USB key to a USB port on your computer.

7 Follow the on-screen instructions to install the necessary application.

> - If the Windows Firewall message is displayed, 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.

8 When you have finished projecting wirelessly, select the **Safely Remove Hardware** option in the Windows taskbar, and then remove the USB key from your computer.

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

You can send image to your projector from mobile devices such as laptops, smartphones, and tablets using Miracast technology.

If your device supports Miracast, you do not need to install any additional software. When using a Windows computer, make sure the necessary adapter for the Miracast connection is available.

Note the following limitations when using Miracast features.

- You cannot play an interlaced image.
- You cannot play multi-channel audio over 3ch (channel 3).
- You cannot project images with a resolution above 1920 × 1080 and a frame rate above 30 fps.
- You cannot play 3D video.
- The projector cannot play copyright-protected content using a Miracast connection.
- Do not change the projector's Miracast settings during Miracast projection. Doing so may cause the projector to disconnect and it may take a while to re-connect.

  ☛ **Network** > **Network Configuration** > **Wireless LAN** > **Miracast**
- Do not turn off the projector directly by the breaker during Miracast projection.

- Mobile devices with Android installed or Windows 8.1 or later installed mainly support Miracast.

  Support for Miracast varies depending on the mobile device. See your mobile device manual for details.
- If the **Web Control Password** has not been set, a screen prompting you to set a password is displayed when you save the network settings. Follow the on-screen instructions to set the password.

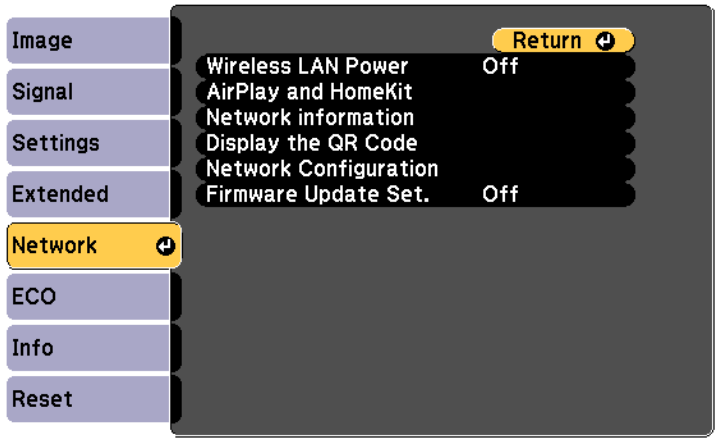
Related Links

- "Selecting Miracast Settings" p.88
- "Connecting Using Miracast" p.89

Selecting Miracast Settings

You must select Miracast settings for your projector to project images from your mobile device.

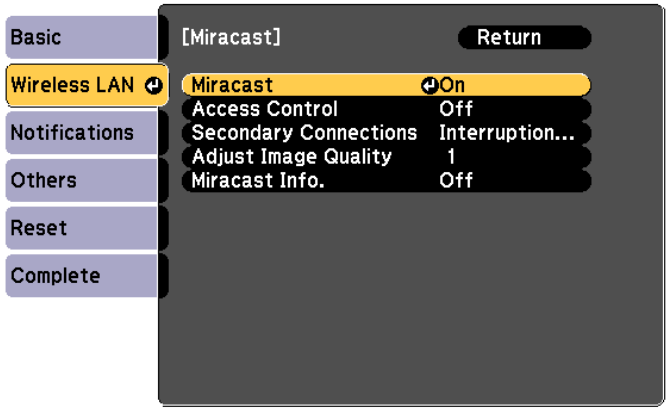
1. Press the [Menu] button, select the **Network** menu, and press [Enter].



2. Select **Network Configuration** and press [Enter].
3. Select **Wireless LAN** and press [Enter].
4. Select **Simple AP** and press [Enter].
5. Select **On** as the Simple AP setting.

   If no **Passphrase** has been set, a screen prompting to set the **Passphrase** appears. Follow the on-screen instructions to set the **Passphrase**.
6. Go back to the **Wireless LAN** screen, select **Miracast** and press [Enter].

7 Select **On** as the **Miracast** setting.



8 Change the following settings as needed.

- **Access Control** lets you select whether or not to connect to another mobile device during Miracast projection.
- **Secondary Connections** lets you select the connection behavior for devices attempting to connect during a Miracast connection.
- **Adjust Image Quality** lets you adjust the Miracast speed/quality. Select a small number to improve the quality and select large number to increase the speed.
- **Miracast Info.** lets you select whether or not to display Miracast information.

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

If no **Web Control Password** has been set, a screen prompting you to set a password is displayed before you can save the settings. Follow the on-screen instructions to set the password.

10 Press the [Home] button on the remote control. The settings are complete when you see the Display Name on the Home screen.

Connecting Using Miracast

If your mobile device such as a smartphone supports Miracast, you can connect it to the projector wirelessly and project images. You can play audio through the projector's speaker system by connecting using Miracast.

1 Select **Miracast** settings on your projector as necessary.

2 Press the [Wireless] button on the remote control to switch to the Miracast source.

You see the Miracast standby screen.

3 On your mobile device, use your Miracast function to search for the projector.

You see a list of available devices.

4 Select the projector's Display Name from the list.

If you see the screen asking if you allow the projection using Miracast on the projector, check the device name displayed and select if you allow the projection or not.

The projector displays the image from your mobile device.

- It may take some time until the connection is established. While connecting, do not disconnect the projector's power cord. Doing so may cause your device to freeze or malfunction.

  Depending on the mobile device, you may need to delete a device when connecting. Follow the on-screen instructions on your device.
- To add a device to the block list, select **Add to Block List** on the Miracast projection confirmation screen and then select **No**. This registers the device name to the block list.
- When a device registered to the block list attempts to connect using Miracast, the standby screen remains displayed, and the images are not projected. The block list cannot be displayed as a list. Use the following method to delete the entire block list.
  - Select **Delete Block List** on the home screen.
  - Turn off the projector.
  - Update the network settings.
  - Press the [Enter] button on the standby screen, and then select **Yes** on the screen displayed.

Related Links

- "Connecting Using Miracast in Windows 10" p.90
- "Connecting Using Miracast in Windows 11" p.91

Connecting Using Miracast in Windows 10

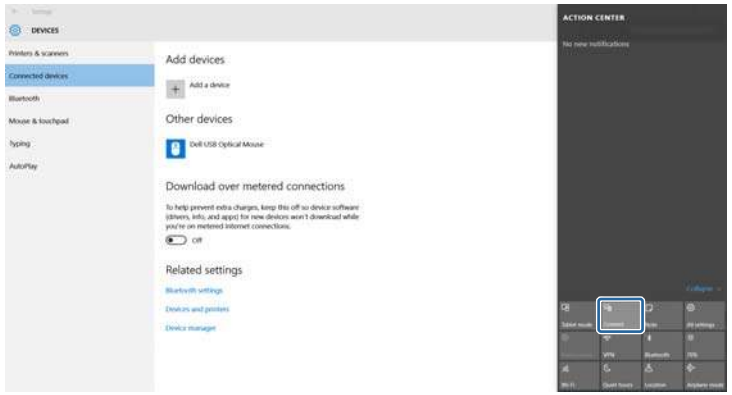
You can set up your computer for wireless projection and play audio through the projector's speaker system by connecting using Miracast.

1 Select **Miracast** settings on your projector as necessary.

2 Press the [Wireless] button on the remote control to switch to the Miracast source.

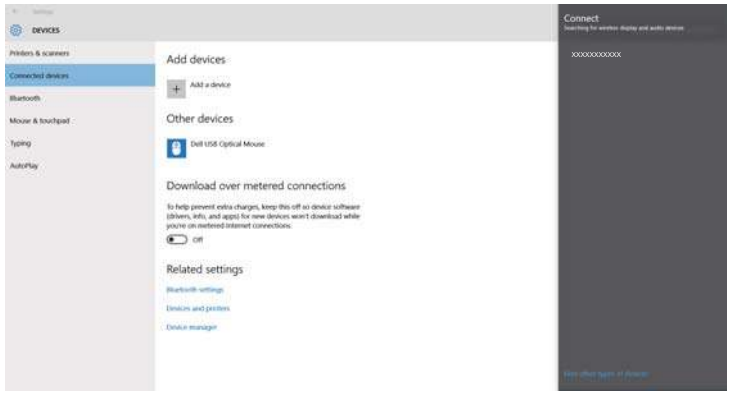
You see the Miracast standby screen.

3 Display **Action Center**, and then select **Connect**.



You see a list of available devices.

4 Select the projector's Display Name from the list.



5 If you see the screen asking if you allow the projection using Miracast on the projector, check the device name displayed and select if you allow the projection or not.

The projector displays the image from your computer.

It may take some time until the connection is established. While connecting, do not disconnect the projector's power cord. Doing so may cause your device to freeze or malfunction.

Connecting Using Miracast in Windows 11

You can set up your computer for wireless projection and play audio through the projector's speaker system by connecting using Miracast.

1 Select the **Miracast** settings on your projector as necessary.

2 Press the [Wireless] button on the remote control to switch to the Miracast source.

You see the network information screen.

3 Click the speaker icon on your computer's taskbar.

4 Click **Cast**.

You see a list of available devices.

If **Cast** is not displayed or another message is displayed, see the manual supplied with the computer.

5 Select the projector's Projector Name from the list.

6 If you see the screen asking if you allow the projection using Miracast on the projector, check the device name displayed and select if you allow the projection or not.

The projector displays the image from your computer.

It may take some time until the connection is established. While connecting, do not disconnect the projector's power cord. Doing so may cause your device to freeze or malfunction.

You can stream media such as videos, music, and photos to the projector using Apple devices that support AirPlay. You can also mirror the entire screen of your Apple device.

This projector is compatible with HomeKit. When you register the projector with HomeKit on your Apple device, you can control the projector using the Apple Home app on your Apple device.

- When connected to a network by wireless LAN and **A/V Output** is set to **Always On** from **A/V Settings** in the **Extended** menu, you can make AirPlay connections even if the projector is in standby mode (when the power is off).
- You need to connect to the internet to enable AirPlay. Make network settings in the **Network** menu. If you have never connected to the internet before, a screen is displayed indicating that you need to make network settings when you try to connect using AirPlay.
- You need to configure a DNS server to use AirPlay. Depending on your network, set **DHCP** to **On** in **IP Settings** from the **Wireless LAN** menu. If **DHCP** is set to **Off**, or if you want to specify a DNS server address, enter the IP address in **DNS Server 1** or **DNS Server 2**.

  ☛ **Network** > **Network Configuration** > **Wireless LAN**
- The maximum display resolution is 1920 × 1080.
- You may not be able to use AirPlay to view copyright-protected content.
- The audio supports up to 2 channels with a maximum sampling frequency of 44.1 kHz.

Related Links

- "Settings for AirPlay" p.92
- "Streaming/Mirroring Media with an AirPlay Connection" p.94

Settings for AirPlay

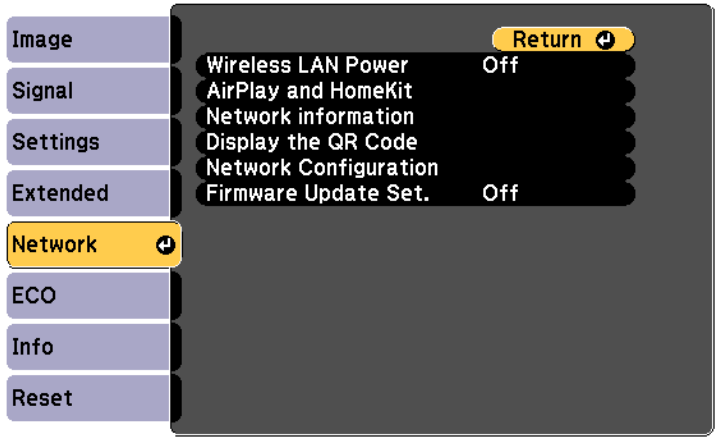
When using AirPlay, make sure your Apple device and the projector are using the same network.

You can make AirPlay settings from the AirPlay and HomeKit settings screen.

- If the date and time are not correctly set on the projector, the AirPlay connection may be disconnected while projecting. Set the correct date and time in **Date & Time** and **Daylight Saving Time** from the **Extended** menu.

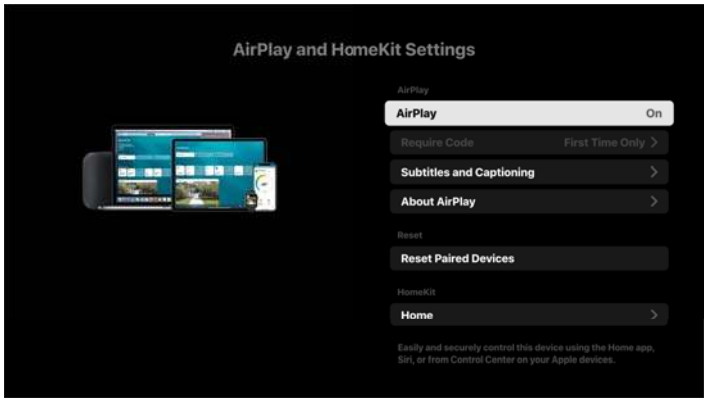
  ☛ **Extended** > **Operation** > **Date & Time**
- When using AirPlay, if there are no operations for about 10 minutes on the standby screen, the screen may turn black to prevent burn-in.

1. Change the source to something other than AirPlay.
2. Press the [Menu] button, select the **Network** menu, and press [Enter].

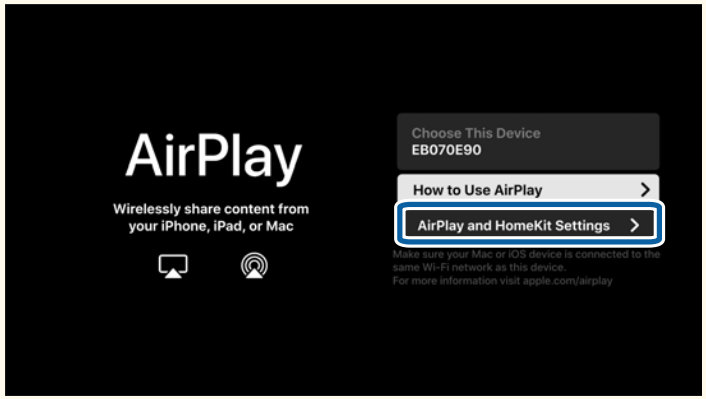


3. Select **AirPlay and HomeKit** in the **Network** menu and press [Enter].

   The AirPlay and HomeKit settings screen is displayed.

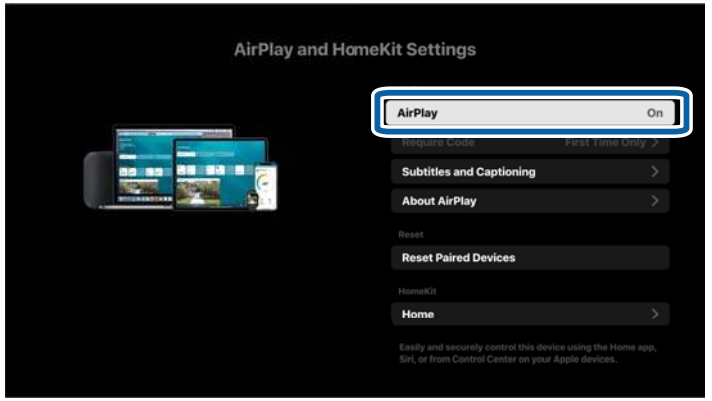


- When the source is AirPlay, you cannot select **AirPlay and HomeKit** from the **Network** menu. If you want to change the settings, stop playback on your Apple device. Display the AirPlay and HomeKit settings screen from the following screen that is displayed.



- When AirPlay is Off, the AirPlay and HomeKit settings screen is displayed when you set the source to AirPlay.

4 Set AirPlay to On.



5 Change the other settings as needed.

To register with HomeKit, scan the projected QR code using your Apple device.

Once registered with HomeKit, you can control the projector and change the device name from the Home app on your Apple device.

When changing the device name in the Home app, only characters that can be entered using the soft keyboard are available. You cannot use other characters.

Related Links
- "Available Text Using the Displayed Keyboard" p.114

Streaming/Mirroring Media with an AirPlay Connection

When using an Apple device that supports AirPlay, you can stream media such as videos, music, and photos to the projector. You can also mirror and display the entire screen of your Apple device.

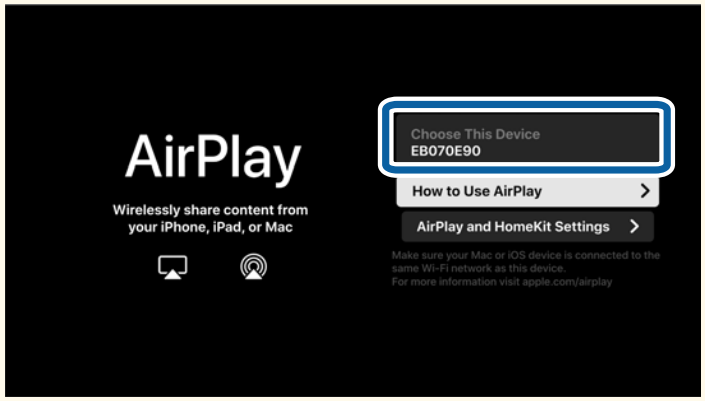
When using AirPlay, if there are no operations for about 10 minutes on the standby screen, the screen may turn black to prevent burn-in.

1 On your Apple device, select the media you want to play using AirPlay and select the AirPlay icon (or).

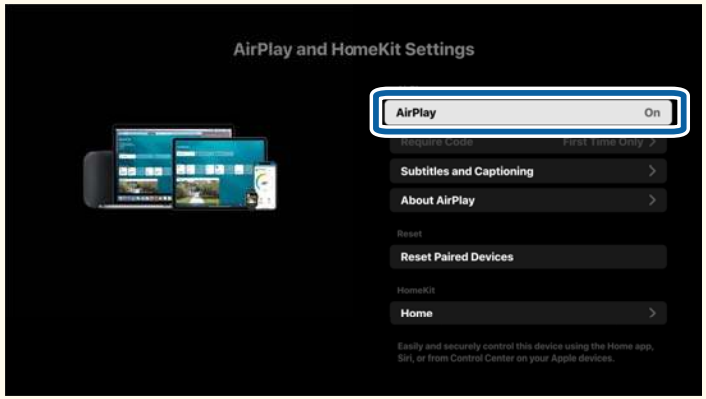
To mirror, open the Control Center and select the screen mirroring icon ( ).

2 Select the projector's device name from the list displayed on your Apple device.

- To check the projector's device name, stop media playback on your Apple device and press the [Wireless] button on the remote control until the following screen is displayed. You can also check it on the Home screen or LAN standby screen.



- When AirPlay is off, the projector's device name is not displayed in the list on your Apple device. Use one of the following operations to display the AirPlay and HomeKit settings screen, and then turn on AirPlay.
  - Press the [Wireless] button until the AirPlay and HomeKit settings screen is displayed.
  - Select **AirPlay and HomeKit** in the **Network** menu and press [Enter].



3 If the projector prompts you for a 4-digit PIN code, enter it on your Apple device.

Media streaming or mirroring of your Apple device screen starts.

When streaming, you can play, pause, fast-forward, rewind, change the volume, and mute using the projector's remote control.

4 To end the AirPlay connection, press [Esc].

The screen that was displayed before the connection started is projected.

- You can also end the AirPlay connection by switching to a different target device or by canceling mirroring on your Apple device.
- The AirPlay connection ends if you switch from the screen on which AirPlay is playing to another display, such as displaying the projector's home screen.

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.

☛ **Network** > **Network Configuration** > **Others** > **Secure HTTP**

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.

Related Links

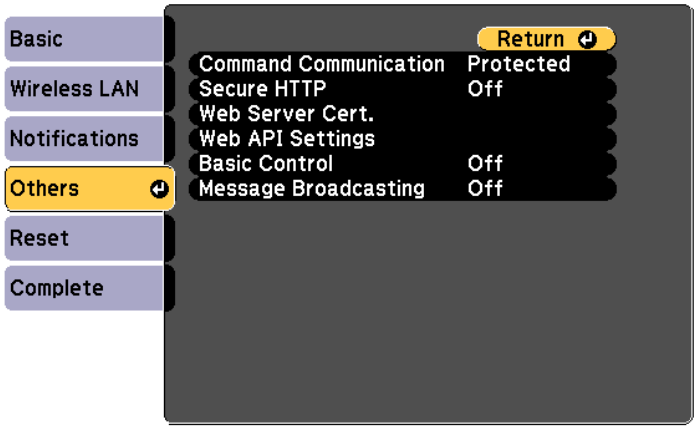
- "Importing a Web Server Certificate Using the Menus" p.96

Importing a Web Server Certificate Using the Menus

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

You can also register the digital certificates from your Web browser. However, be sure to register just once or the certificate may not install correctly.

1. Make sure your digital certificate file is compatible with projector registration and directly placed on the USB storage device.
2. Press the [Menu] button, 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 **Secure HTTP** setting to **On**.
6. Select **Web Server Cert.** and press [Enter].
7. Select **Register** and press [Enter].
8. Follow the on-screen instructions to connect a USB storage device to the projector's USB-A port.
9. Press [Enter] to display the certificate list.
10. Select the certificate to import using the displayed list.
    A message is displayed prompting you to enter the password for the certificate.
11. Enter a password and press [Enter].
    The certificate is imported and a completion message appears.

Related Links

- "Supported Web Server Certificates" p.97

Supported Web Server Certificates

You can register these types of digital certificates.

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
Common name	Network host name
Organization	Optional
Password *	Up to 64 alphanumeric characters; required

* You can set a password using up to 64 alphanumeric characters. However, you need to use your Web browser to enter more than 32 characters.

Monitoring and Controlling the Projector

Follow the instructions in these sections to monitor and control the projector over a network.

Related Links

- "Epson Projector Management" p.99
- "Controlling a Networked Projector Using a Web Browser" p.100
- "Registering Digital Certificates from a Web Browser" p.104
- "Setting Up Projector Network E-Mail Alerts" p.105
- "Setting Up Monitoring Using SNMP" p.107
- "Setting Projector Event Schedules" p.108
- "Web API" p.111

Epson Projector Management software (Windows only) lets you monitor and control your projector through the network. See the *Epson Projector Management Operation Guide* for instructions.

You can download Epson Projector Management from the following Web site.

epson.com/support (U.S.)

epson.ca/support (Canada)

latin.epson.com/support (Latin America)

- The authentication method when registering projectors varies depending on the version of the Epson Projector Management software you are using.
  - Ver.5.30 or earlier: Monitor Password
  - Ver.5.40 or later: Web Control Password

  For the best results, we recommend that you use the latest version of the Epson Projector Management.

  ☛ **Network** > **Network Configuration** > **Others**
- To monitor and control the projector using Epson Projector Management, set **A/V Output** to **Always On** from **A/V Settings** in the **Extended** menu.

  If **A/V Output** is set to **While Projecting**, you cannot monitor and control the projector using Epson Projector Management when the projector is in standby mode.

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.

- Make sure the computer and projector are connected to the network. When projecting images using a wireless LAN, connect using a wireless LAN access point.
- You can use the following Web browsers.
  - Microsoft Edge (Windows)
  - Safari (Mac, iOS)
  - Chrome (Android)
- While using the Web browser, do not connect using a proxy server. You cannot select all of the projector menu settings or control all projector functions using a Web browser.
- When **A/V Output** is set to **Always On** from **A/V Settings** in the **Extended** menu, you can use a Web browser to select settings and control projection even if the projector is in standby mode (when the power is off).

  ☛ **Extended** > **A/V Settings** > **A/V Output**

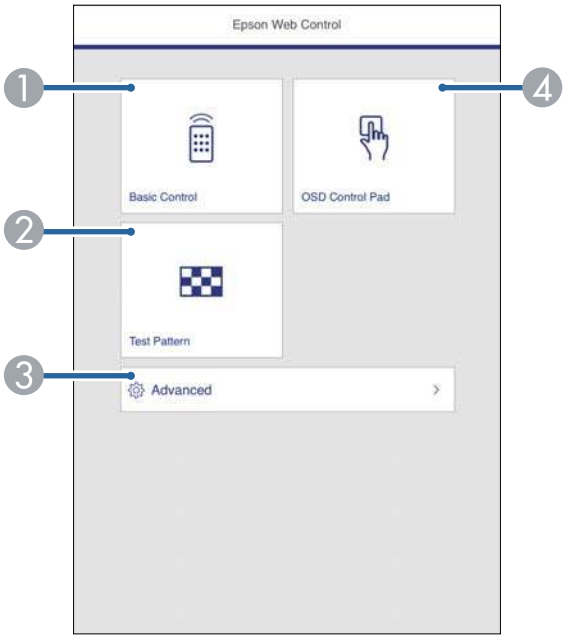
1 Make sure the projector is turned on.

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

3 Start your Web browser on the computer or device.

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

You see the Epson Web Control screen.



1. Controls the projector remotely.
2. Displays a test pattern.
3. Sets detailed projector settings.
4. Operates the projector's menu settings with your finger or mouse.

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

You may need to log in to access some of the options on the **Epson Web Control** screen. Set the following passwords first.

- To access the **Basic Control** option, you need to log in using **EPSONREMOTE** as the user name and your **Remote Password**. (No password is set by default.)

  Set **Basic Control** to **On** in the projector's **Network** menu, and then set the password.

  ☛ **Network** > **Network Configuration** > **Others** > **Basic Control**

- To access other options and save settings, you need to log in using **EPSONWEB** as the user name and your **Web Control Password**. (No password is set by default.)

  Set the password in the projector's **Network** menu.

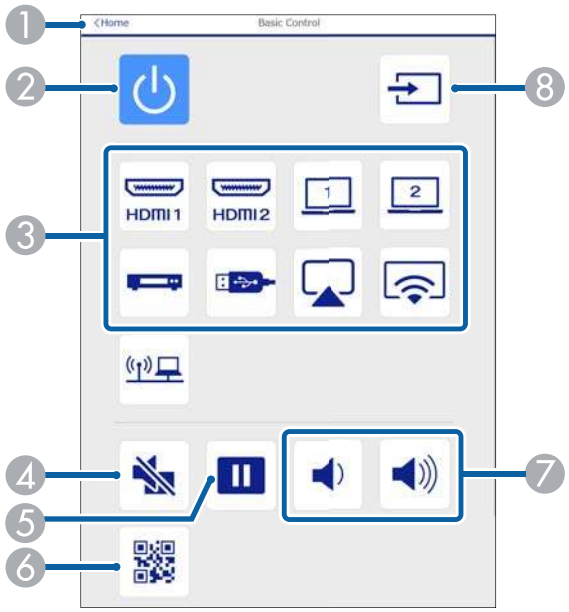
  ☛ **Network** > **Network Configuration** > **Basic** > **Web Control Password**

Related Links

- "Web Control Options" p.101
- "Projector Setup Settings - ECO Menu" p.132
- "Network Menu - Basic Menu" p.124

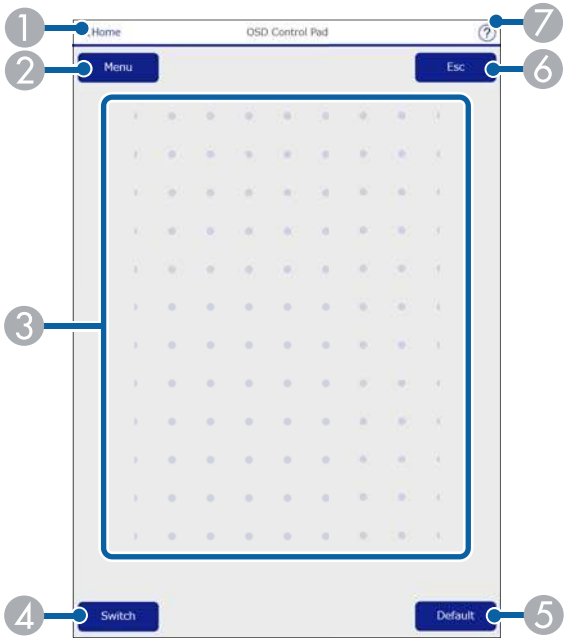
Web Control Options

Basic Control



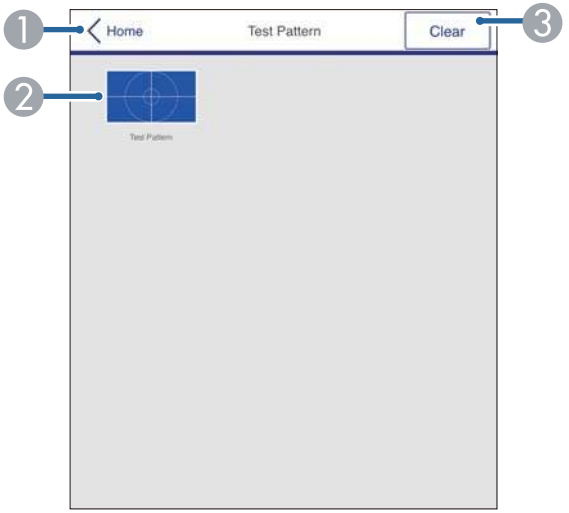
1. Returns to the Epson Web Control screen.
2. Turns the projector on or off.
3. Selects the input source.
4. Turns the video and audio on or off temporarily.
5. Pauses or resumes images.
6. Displays the QR code.
7. Adjusts the speaker volume.
8. Searches for sources.

OSD Control Pad



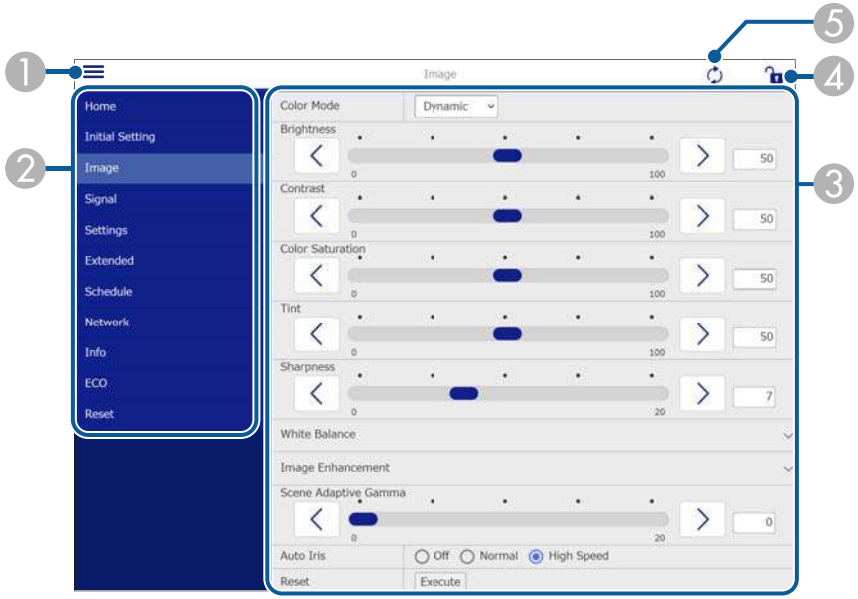
1. Returns to the Epson Web Control screen.
2. Displays the projector's setting menus.
3. Use your finger or mouse to navigate the menus.
4. Switches the operation method to button operation.
5. Resets the selected setting to its default value.
6. Returns to the previous menu.
7. Displays help topics.

Test Pattern



1. Returns to the Epson Web Control screen.
2. Displays available test patterns; select to project a test pattern.
3. Turns off test pattern display.

Advanced



1. Opens the menus.
2. Displays the menu name you selected.
3. Specifies the projector settings.
4. Lock/unlock the projector settings.
5. Updates the projector settings.

You cannot change the following settings using Epson Web Control.

- HDMI Link
- Customize Button
- User's Logo
- HDMI EQ Setting
- Language
- Reset Lamp Hours

Registering Digital Certificates from a Web Browser

You can register the digital certificates on the projector to provide security for your presentation files.

You can also register the digital certificates in the projector's **Network** menu. However, be sure to register just once or the certificate may not install correctly.

☛ **Network** > **Network Configuration** > **Wireless LAN** > **EAP Method** > **Client Certificate**

☛ **Network** > **Network Configuration** > **Wireless LAN** > **EAP Method** > **CA certificate**

☛ **Network** > **Network Configuration** > **Others** > **Web Server Certificate**

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 device connected to the network.
4. Go to the Epson Web Control screen by entering the projector's IP address into the browser's address box.

   You see the Epson Web Control screen.
5. Select **Advanced**.

- You may need to log in before you see the Advanced screen. If a login screen is displayed, enter your user name and password. (The user name is **EPSONWEB**. No password is set by default.)
- You can change the password in the projector's **Network** menu.

  ☛ **Network** > **Network Configuration** > **Basic** > **Web Control Password**

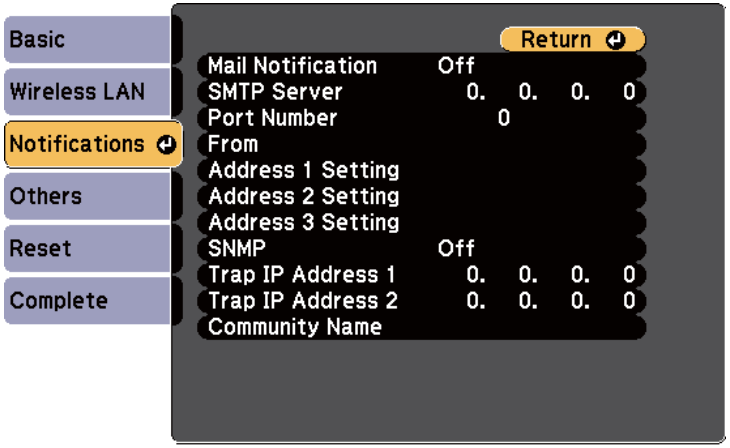
6. Under **Network**, select **Certificate**.
7. Select the certificate file you want to register.
8. Enter the password in the **Password** box, and then click **Set**.
9. When you finish registering the certificate, click **Apply** to finalize your changes and complete the registration.

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

When **A/V Output** is set to **Always On** from **A/V Settings** in the **Extended** menu, you can receive the e-mail alerts even if the projector is in standby mode (when the power is off).

☛ **Extended** > **A/V Settings** > **A/V Output**

1. Press the [Menu] button, select the **Network** menu, and press [Enter].
2. Select **Network Configuration** and press [Enter].
3. Select the **Notifications** menu and press [Enter].



4. Set the **Mail Notification** setting to **On**.
5. Enter the IP address for the **SMTP Server** option.

> Do not use "127.x.x.x" (where x is a number from 0 to 255) for the **SMTP Server**.

6. Select a number for the SMTP server **Port Number**, from 1 to 65535 (default is 25).
7. Enter the e-mail address to be indicated as the sender in **From**.
8. Choose an address field, enter the e-mail address, and select the alerts you want to receive. Repeat for up to three addresses.

> Your e-mail address can be up to 64 alphanumeric characters long. To enter more than 32 characters, use your Web browser.

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

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

Related Links

- "Network Projector E-mail Alert Messages" p.105
- "Projector Setup Settings - Extended Menu" p.120

Network Projector E-mail Alert Messages

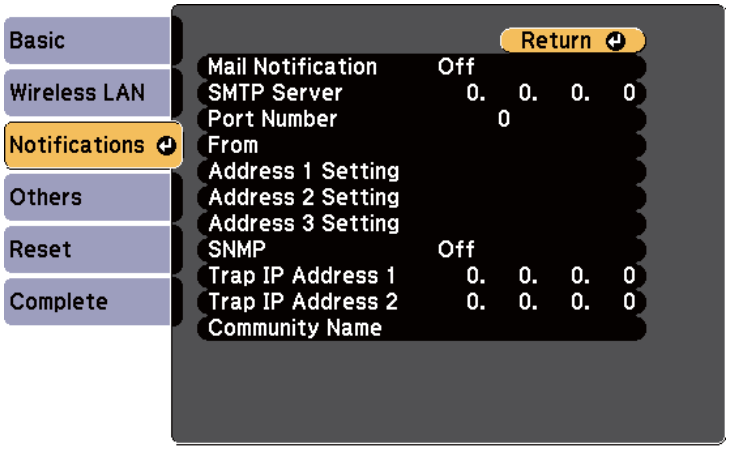
When a problem occurs with a projector on the network, and you selected to receive e-mail alerts, you receive an e-mail containing the following information:

- The email address set in **From** as the mail sender
- **Epson Projector** in the subject line
- The name of the projector experiencing a problem
- The IP address of the affected projector

- Detailed information about the problem

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, select the **Network** menu, and press [Enter].
2. Select **Network Configuration** and press [Enter].
3. Select the **Notifications** menu and press [Enter].



4. Set the **SNMP** setting to **On**.
5. Enter the SNMP **Community Name** up to 32 alphanumeric characters long.
6. Enter up to two IP addresses to receive SNMP notifications, using 0 to 255 for each address field.

> Do not use these addresses: 224.0.0.0 through 255.255.255.255 (where x is a number from 0 to 255). This projector supports SNMP agent version 1 (SNMPv1).

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

Setting Projector Event Schedules

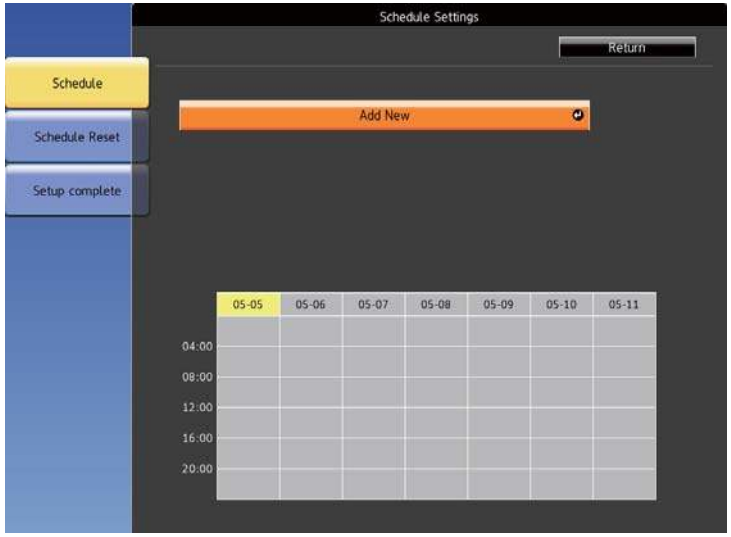
You can schedule up to 30 events to occur automatically on your projector, such as turning the projector on or off or switching the input source. The projector performs the selected events on the specified date and time in the schedule you set up.

⚠ Warning

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 a fire.

- If you set a **Schedule Protection** password, turn off your **Schedule Protection** password first.

1. Set the date and time in the **Date & Time** menu.
   ☛ **Extended** > **Operation** > **Date & Time**
2. Press the [Menu] button, select the **Extended** menu, and press [Enter].
3. Select **Schedule Settings** and press [Enter].
4. Select **Schedule** and press [Enter].
5. Select **Add New** and press [Enter].



6. Select the event details you want to perform.

7 Select the date and time at which you want the event to occur.

8 Select **Save** and press [Enter].

The scheduled events are displayed on the screen with icons indicating the event status.

1 : valid schedule

: regular schedule

: invalid schedule

2 The date currently selected (highlighted in yellow)

3 : one time schedule

: regular schedule

: standby schedule (turns communication on or off during standby)

: invalid schedule

9 To edit a scheduled event, select the schedule and press [Esc].

10 Select an option from the menu displayed.

- **On** or **Off** lets you enable or disable the selected event.
- **Edit** lets you change the event details or date and time.

- **Clear** lets you remove the scheduled event from a list.

11 Select **Complete**, then select **Yes**.

To delete all scheduled events, select **Schedule Reset**.

Related Links
- "Setting the Date and Time" p.34
- "Setting a Password" p.73

See the *Web API Specifications for Projectors* for details.

- 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**.

  ☛ **Network** > **Network Configuration** > **Basic** > **Web Control Password**

Related Links
- "Enabling Web API" p.111

Enabling Web API

You can enable Web API using the projector's menu.

1. Press the [Menu] button, select the **Network** menu, and press [Enter].
2. Select **Network Configuration** and press [Enter].
3. Select **Others** and press [Enter].
4. Select **Web API Settings**.
5. Set **Web API** to **On**.
6. When you finish selecting settings, select **Complete** and follow the onscreen instructions to save your settings and exit the menus.

Adjusting the Menu Settings

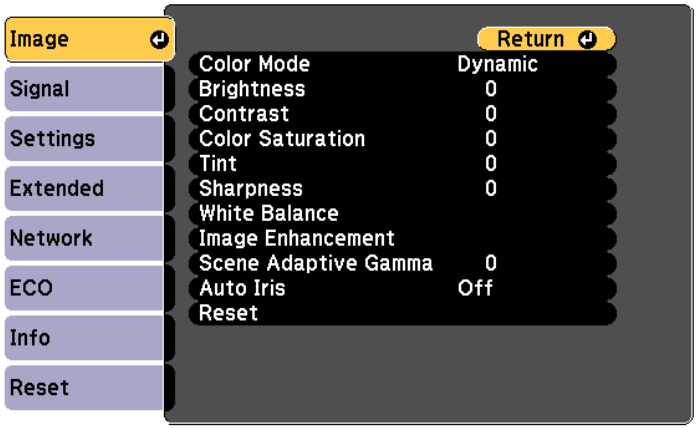
Follow the instructions in these sections to access the projector menu system and change projector settings.

Related Links

- "Using the Projector's Menus" p.113
- "Using the Displayed Keyboard" p.114
- "Image Quality Settings - Image Menu" p.115
- "Input Signal Settings - Signal Menu" p.117
- "Projector Feature Settings - Settings Menu" p.118
- "Projector Setup Settings - Extended Menu" p.120
- "Projector Network Settings - Network Menu" p.123
- "Projector Setup Settings - ECO Menu" p.132
- "Projector Information Display - Info Menu" p.134
- "Projector Reset Options - Reset Menu" p.137
- "Copying Menu Settings Between Projectors (Batch Setup)" p.138

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

1. Press the [Menu] button on the control panel or remote control.
   You see the menu screen displaying the **Image** menu settings.



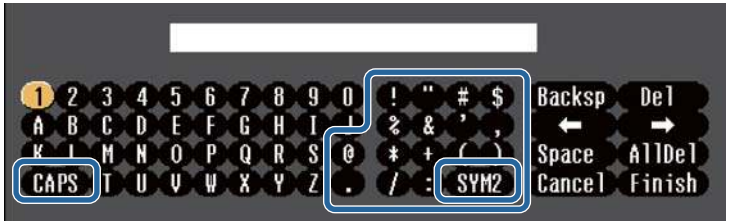
2. Press the up or down arrow buttons to move through the menus listed on the left. The settings for each menu are displayed on the right.

> The available settings depend on the current input source.

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

You can use the displayed keyboard to enter numbers and characters.

1 Use the arrow buttons on the control panel or remote control to highlight the number or character you want to enter and press the [Enter] button.



Each time you select the CAPS key, the characters change between upper case and lower case. Each time you select the SYM1/2 key, the symbols enclosed by the frame change.

2 After entering the text, select Finish on the keyboard to confirm your entries. Select Cancel to cancel entering text.

You can select projector settings and control projection over a network using a Web browser from your computer.

Some symbols cannot be entered using the displayed keyboard. Use your Web browser to enter the text.

Related Links

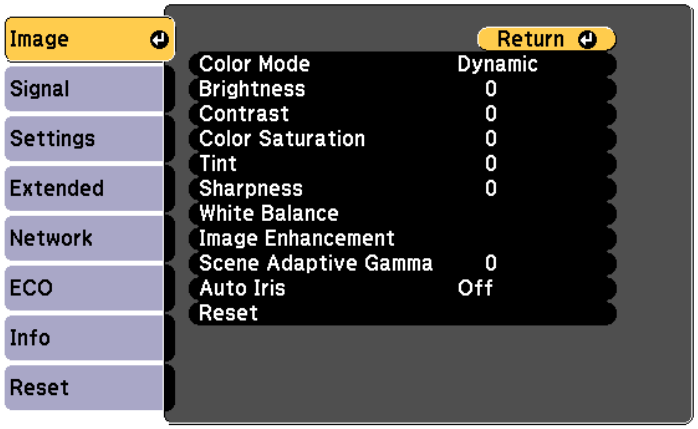
- "Available Text Using the Displayed Keyboard" p.114
- "Controlling a Networked Projector Using a Web Browser" p.100

Available Text Using the Displayed Keyboard

You can enter the following text when using the displayed keyboard.

Text type	Details
Numbers	0123456789
Alphabet	ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz
Symbols	! " # $ % & ' ( ) * + , - . / : ; < = > ? @ [\ ] ^ _ ` { | } ~

Settings on the **Image** menu let you adjust the quality of your image for the input source you are currently using. The available settings depend on the currently selected input source.



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

Setting	Options	Description
Color Mode	See the list of available color modes	Adjusts the vividness of image colors for various image types and environments.
Brightness	Varying levels available	Lightens or darkens the overall image.
Contrast	Varying levels available	Adjusts the difference between light and dark areas of the image.
Color Saturation	Varying levels available	Adjusts the intensity of the image colors.
Tint	Varying levels available	Adjusts the balance of green to magenta tones in the image.
Sharpness	Varying levels available	Adjusts the sharpness or softness of image details.
White Balance		Adjusts the overall tint of the image.
	Color Temp.	**Color Temp.**: sets the color temperature according to the color mode you selected. Higher values tint the image blue and lower values tint the image red.
	Custom	**Custom**: adjusts the individual R (red), G (green), and B (blue) components of the offset and gain.
Image Enhancement		Adjusts the perceived resolution of the image:
	Noise Reduction	**Noise Reduction**: reduces flickering in analog images.
	Detail Enhancement	**Detail Enhancement**: creates a more emphatic texture and material feel of the image.
	Deinterlacing (For interlaced signal [480i/576i/1080i] input)	**Deinterlacing**: sets whether or not 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.
Scene Adaptive Gamma	Various levels available	Adjusts the coloring according to the scene, and obtains a more vivid image. Select a large number to enhance contrast.
Auto Iris	Off Normal High Speed	Adjusts the projected luminance based on the image brightness.

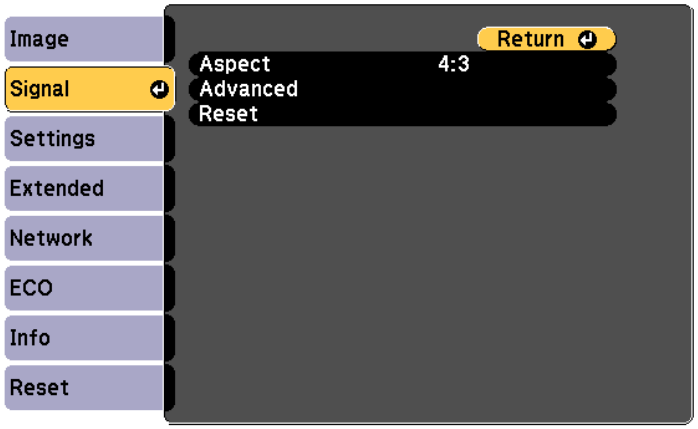
Setting	Options	Description
Reset	—	Resets all adjustment values on the **Image** menu for the selected color mode to their default settings.

- The **Brightness** setting does not affect lamp brightness. To change the lamp brightness mode, use the **Power Consumption** setting in the projector's **ECO** menu.

Related Links

- "Available Color Modes" p.51

Normally the projector automatically detects and optimizes the input signal settings. If you need to customize the settings, you can use the **Signal** menu. The available settings depend on the currently selected input source.



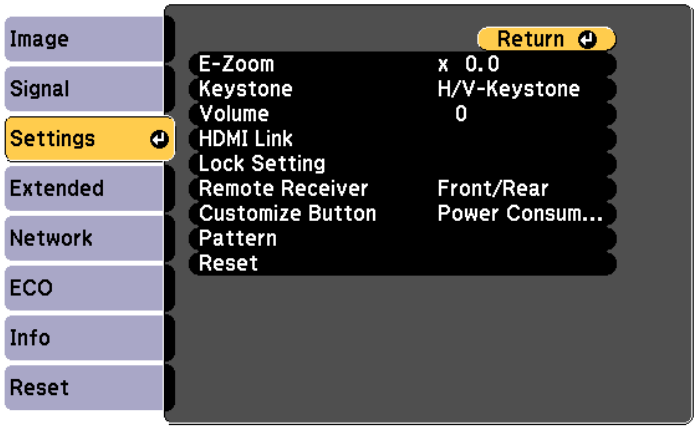
To change settings for an input source, make sure the source is connected and select that source.

Setting	Options	Description
Aspect	See the list of available aspect ratios.	Sets the aspect ratio (width-to-height ratio) for the selected input source.
Advanced	Video Range	**Video Range**: sets the video range to match the setting of the device connected to the HDMI port.
Reset	—	Resets all adjustment values on the **Signal** menu to their default settings.

Related Links

- "Available Image Aspect Ratios" p.49

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

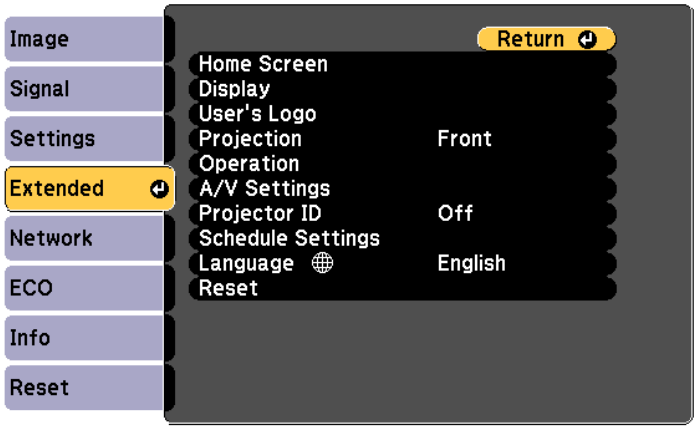


Setting	Options	Description
E-Zoom	Varying levels available	Adjusts the size of the projected image.
Keystone		Adjusts image shape to rectangular (horizontally and vertically).
	H/V-Keystone	**V-Keystone**: Select to manually correct vertical sides. **H-Keystone**: Select to manually correct horizontal sides. **Auto V-Keystone**: Turns automatic correction on or off. **H-Keystone Adjuster**: Turns **H-Keystone Adjuster** on or off.
	Quick Corner	**Quick Corner**: Select to correct image shape and alignment using an on-screen display.

Setting	Options	Description
Volume	Varying levels available	Adjusts the volume of projector's speaker system. You can also adjust the volume of external speakers. Setting values are saved for each source.
HDMI Link	Device Connections	Lists the devices connected to the HDMI ports. Setting is only displayed when **HDMI Link** is set to **On**.
	HDMI Link	Set to **On** to enable the HDMI Link features.
	Audio Out Device	Sets the audio output destination. • **Projector**: Audio is output from the projector's speakers or external speakers connected to the projector's Audio Out port. • **AV System**: Audio is output from speakers connected to an AV amplifier that is linked by HDMI.
	Power On Link	Controls what happens when you turn on the projector or connected device. • **Bidirectional**: automatically turns on the connected device when you turn on the projector, and vice versa. • **Device -> PJ**: automatically turns on the projector when you turn on the connected device. • **PJ -> Device**: automatically turns on the connected device when you turn on the projector.
	Power Off Link	Controls whether connected devices are turned off when you turn off the projector.

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.
Remote Receiver	Front/Rear Front Rear Off	Limits reception of remote control signals by the selected receiver; **Off** turns off all receivers.
Customize Button	Power Consumption Info Test Pattern Pattern Display Display the QR Code	Assigns a menu option to the [Customize] button on the remote control for one-touch access.
Pattern		Selects various pattern display options. **Attention** If a pattern is displayed for a long time, a residual image may be visible in projected images.
	Pattern Display	**Pattern Display**: lets you display the selected pattern type on the screen to aid in presentation.
	Pattern Type	**Pattern Type**: select from Patterns 1 to 4 or **User Pattern**. Patterns 1 to 4 display patterns pre-registered in the projector, such as ruled lines or grid patterns.
	User Pattern	**User Pattern**: captures a projected screen and saves it as a pattern for display.
	Test Pattern	**Test Pattern**: displays a test pattern to assist in focusing and zooming the image and correcting image shape (press the [Esc] button to cancel pattern display).
Reset	—	Resets all adjustment values on the **Settings** menu to their default settings, except for the following: • **E-Zoom** • **HDMI Link** (except for **On** and **Off** settings in **HDMI Link**) • **Customize Button**

Settings on the **Extended** menu let you customize various projector setup features.



Setting	Options	Description
Home Screen		Selects the projector's Home screen display options:
	Home Screen Auto Disp.	**Home Screen Auto Disp.**: select whether or not to display the Home screen automatically when there is no input signal when turning on the projector.
	Custom Function 1 Custom Function 2	**Custom Function 1**/**Custom Function 2**: select to set functions and the display as the customized Home screen. The default settings are **ECO Settings** for **Custom Function 1** and **Color Mode** for **Custom Function 2**.
Display		Selects various display options:
	Messages	**Messages**: set to **On** to display messages such as input source name, color mode name, aspect ratio, no signal message, or high temperature warning on your projected image. Set to **Off** if you do not want to display messages.
	Display Background	**Display Background**: sets the screen color or logo to display when no signal is received.
	Startup Screen	**Startup Screen**: set to **On** to display a logo when the projector starts up.
	A/V Mute	**A/V Mute**: sets the screen color or logo to display when A/V Mute is turned on.
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		Selects various operation options:
	Direct Power On	**Direct Power On**: lets you turn on the projector by plugging it in without pressing the power button.
	High Altitude Mode	**High Altitude Mode**: regulates the projector's operating temperature at altitudes above 4,921 feet (1,500 m).
	Auto Source Search	**Auto Source Search**: set to **On** to detect the input signal automatically and project images when there is no input signal.

Setting	Options	Description
	Auto Power On	**Auto Power On**: select the image source from which you want to automatically start projection. When the projector detects the input signal from the selected image source, it projects automatically in standby mode. The following image sources are available for this feature: • HDMI1
	Power On Trigger	Sets the way the projector turns on when **Auto Power On** is set to **HDMI1**. **Plug-in Detection**: Automatically turns on the projector when it detects that a connected device has been turned on. **Signal Detection**: Automatically turns on the projector when it detects an HDMI video signal. When set to **Signal Detection**, the standby power increases. Please consider the environment before making any changes.
	USB Power	Set to **Always On** to continue supplying power to the streaming media player when the projector is not projecting images. When set to **Always On**, the standby power increases.

Setting	Options	Description
	HDMI EQ Setting	**HDMI EQ Setting**: Adjust the HDMI input signal level depending on the devices connected to the HDMI port. If there is a lot of interference in the image, or if a problem such as no image being projected occurs, change the setting. If no images are displayed using a thumb-sized media streaming device, select **1**.
	Advanced	**Log Save Destination**: sets the location in which to save error and operation log files. **Batch Setup Range**: select **All** to copy all of the projector menu settings using the batch setup feature. Select **Limited**, if you do not want to copy the following settings: • **Password Protection** settings • **Network** menu settings
	Date & Time	**Date & Time**: adjusts the projector's system time and date settings. • **Daylight Saving Time**: set to **On** to activate daylight saving time. • **Internet Time**: set to **On** to update the time automatically through an Internet time server.
A/V Settings		Selects various audio and video output settings:
	A/V Output	**A/V Output**: set to **Always On** to output audio and images to external devices when the projector is in standby mode.
Projector ID	Off 1 through 9	Assigns an ID for the projector when you use multiple projectors.

Setting	Options	Description
Schedule Settings	To Schedule Settings menu	Schedules projector events to occur automatically at selected dates and times.
Language	Various languages available	Select the language for projector menu and message displays.
Reset	—	Resets all adjustment values on the **Extended** menu to their default settings, except for the following: • **User's Logo** • **Projection** • **High Altitude Mode** • **Auto Source Search** • **USB Power** • **HDMI EQ Setting** • **Date & Time** • **A/V Output** • **Projector ID** • **Schedule Settings** • **Language**

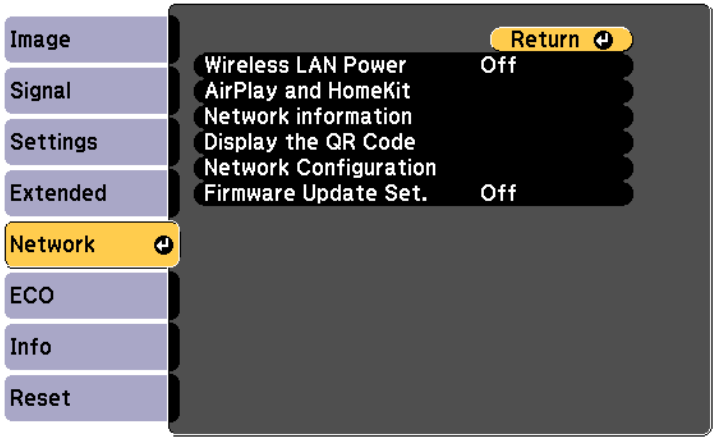
When you set **User's Logo Protection** to **On** in the **Password Protection** screen, you cannot change settings related to user's logo display (**Display Background**, **Startup Screen**, **A/V Mute** in the **Display** setting). Set **User's Logo Protection** to **Off** first.

Related Links

- "Selecting Password Security Types" p.74

Settings on the **Network** menu let you view network information and set up the projector for controlling over a network.

When you set **Network Protection** to **On** in the **Password Protection** screen, you cannot change the network settings. Set **Network Protection** to **Off** first.



If no **Web Control Password** has been set, a screen prompting you to set a password is displayed before you can save the settings. Follow the on-screen instructions to set the password.

Setting	Options	Description
Wireless LAN Power	On Off	Configures your wireless LAN settings. Select **On** to project images via a wireless LAN. If you do not want to connect via wireless LAN, turn it off to prevent unauthorized access by others.
AirPlay and HomeKit	—	Displays the AirPlay and HomeKit settings screen. Not available when the source is AirPlay.

Network information	Simple AP
	Wireless LAN
		Displays the network connection status and detailed information. **Wireless LAN** is available when you have set **Wireless LAN Power** to **On**.
		Simple AP is only available when **Wireless LAN Power** is set to **On**, and **Simple AP** in the **Wireless LAN** menu is set to **On**.
		The following settings are displayed when you select **On** as the **IPv6** setting.
		• IPv6 Address (Auto)
		  • Temporary Address
		  • Link-local Address
		  • Stateless Address
		  • Stateful Address

Display the QR Code	—	Displays a QR code for connecting with iOS or Android devices using the Epson iProjection app.
Network Configuration	To additional network menus	Configures your network settings.
Firmware Update Set.	Notify Do not notify Auto update at midnight Off	Select whether to receive notifications about firmware updates and whether to update automatically during the night. Set this to **Off** if you do not want to update the projector's firmware over the network.

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

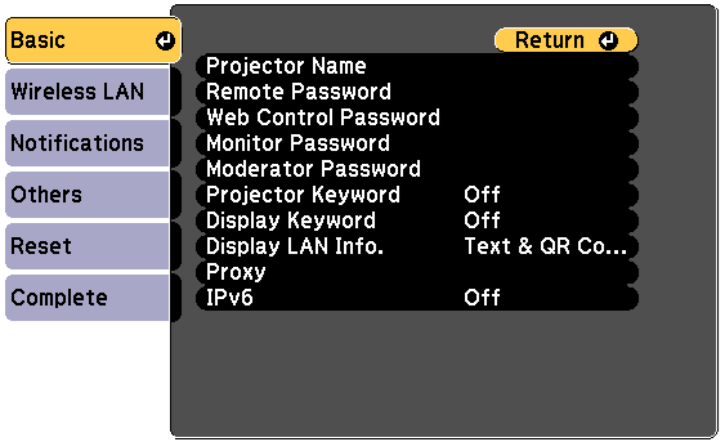
Related Links

- "Network Menu - Basic Menu" p.124
- "Network Menu - Wireless LAN Menu" p.125
- "Network Menu - Notifications Menu" p.128
- "Network Menu - Others Menu" p.129
- "Network Menu - Reset Menu" p.130
- "Selecting Password Security Types" p.74

Network Menu - Basic Menu

Settings on the **Basic** menu let you select the basic network settings.

☛ **Network** > **Network Configuration** > **Basic**



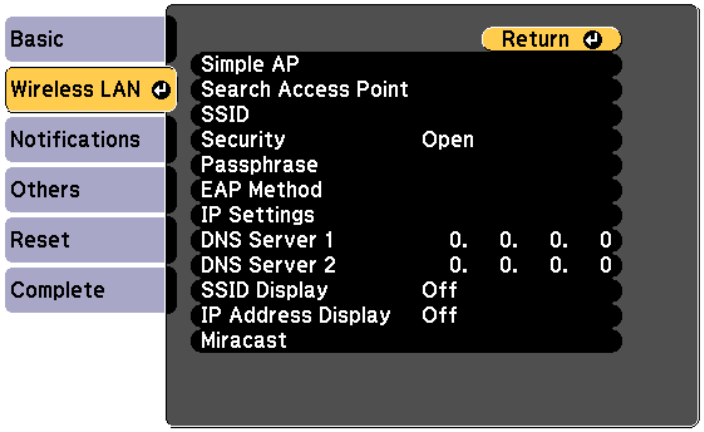
Setting	Options	Description
Projector Name	Up to 16 alphanumeric characters (do not use " * + , / : ; < = > ? [\ ] ` | spaces)	Enter a name to identify the projector over the network.
Remote Password	8 to 32 alphanumeric characters (do not use * : spaces)	Enter a password for accessing the projector using the Basic Control. (The user name is **EPSONREMOTE**. No password is set by default.)
Web Control Password	8 to 32 alphanumeric characters (do not use * : spaces)	Enter a password for accessing the projector over the Web. (The user name is **EPSONWEB**. No password is set by default.)
Monitor Password	Up to 16 alphanumeric characters (do not use spaces and any symbols other than @)	Enter a password when using Epson Projector Management Ver.5.30 or earlier, or when controlling and monitoring the projector in combination with a switcher or controller. (No password is set by default.) Make sure the Monitor Password matches the password used with the switcher or controller. Available when you have set **Command Communication** to **Compatible**. ☛ **Network** > **Network Configuration** > **Others**
Moderator Password	Four-digit number	Enter a password for accessing the projector as a moderator using Epson iProjection. (No password is set by default.)
Projector Keyword	On Off	Set to **On** to enable a security password to prevent access to the projector by anyone not in the same room as the projector. You must enter a displayed, randomized keyword from a computer using Epson iProjection to access the projector and share the current screen.

Setting	Options	Description
Display Keyword	On Off	Set to **On** to display a projector keyword on the projected image when accessing the projector using Epson iProjection. Available when **Projector Keyword** is set to **On**.
Display LAN Info.	Text & QR Code Text	Set the display format for the projector's network information. By simply reading the QR code with Epson iProjection, you can connect the mobile device to the projector through a network. The default value is **Text & QR Code**.
Proxy	IP Address Port Number	Enter the IP address and port number of the proxy server when using a proxy server.
IPv6	On Off	Set to **On** when connecting the projector to a network using IPv6.

Network Menu - Wireless LAN Menu

Settings on the **Wireless LAN** menu let you select the wireless LAN settings.

☛ **Network** > **Network Configuration** > **Wireless LAN**



Setting	Options	Description
Simple AP		Select the settings for connecting to a wireless LAN network using Simple AP.
	Simple AP	Set to **On** when connecting using Simple AP.
	SSID	Displays the SSID (network name) of the wireless LAN system to which the projector is connected. Simple AP automatically detects and connects to the wireless LAN system.
	Security	For Simple AP, this is fixed at **WPA2-PSK**. Communication is performed using WPA2 security with AES encryption. When connecting to the projector from a computer, enter the value set as the passphrase.

Setting	Options	Description
	Passphrase (Various passphrases from 8 to 32 characters (when entering from a Web browser: various passphrases from 8 to 63 characters))	Enter the passphrase of the projector for entry on your device in simple AP connections. You must set the **Passphrase** when using simple AP mode for the first time. Enter a passphrase and press [Enter] to set the value. The set value is displayed as a string of asterisks (*). For increased security, we recommend changing the passphrase periodically. If you reset the network settings, the passphrase is reset to its default value.
	Channel	For Simple AP, this is fixed at **Auto (5GHz)**.
Search Access Point	To Search View	Search for available wireless network access points. Depending on the access point settings, they may not be displayed in the list.
SSID	Up to 32 alphanumeric characters	Sets the SSID (network name) of the wireless LAN system the projector is connecting to.
Security		Selects the type of security used on the wireless network. When setting security, follow the instructions from the administrator of the network system you want to connect to.
	Open	Security is not set.
	WPA3-PSK	Communication is performed using WPA3 security. Uses AES method for encryption. When establishing a connection from a computer to the projector, enter the value set in the passphrase.
	WPA2/WPA3-PSK	Connects in WPA2/WPA3 personal mode. Encryption method is selected automatically according to the access point settings. Set a passphrase which is the same for the access point.
	WPA3-EAP	Connects in WPA3 enterprise mode. Encryption method is selected automatically according to the access point settings.
	WPA2/WPA3-EAP	Connects in WPA2/WPA3 enterprise mode. Encryption method is selected automatically according to the access point settings.
Passphrase	Various passphrases from 8 to 32 characters (when entering from a Web browser: various passphrases from 8 to 63 characters)	For **WPA3-PSK** and **WPA2/WPA3-PSK** security, selects the pre-shared passphrase used on the network. When the passphrase is entered and the [Enter] button is pressed, the value is set and displayed as an asterisk (*). We recommend changing the passphrase periodically for security. If the network settings are initialized, it returns to the initial passphrase.
EAP Method		Set the EAP settings for **WPA3-EAP** and **WPA2/WPA3-EAP** security.
	EAP Type	**EAP Type**: selects the protocol for authentication. • **PEAP**: authentication protocol widely used in Windows Server. • **EAP-TLS**: authentication protocol widely used to use a client certificate.

Setting	Options	Description
	User name	**User name**: Enter up to 64 alphanumeric characters. You can enter up to 32 alphanumeric characters in the projector menu. To enter more than 32 characters, use your Web browser. You can enter a domain name by adding it before the user name and separating them with a backslash (domain\username). When importing a client certificate, the name the certificate was issued to is automatically set.
	Password	**Password**: Enter a password up to 64 alphanumeric characters for authentication when **EAP Type** is set to **PEAP**. You can enter up to 32 alphanumeric characters in the projector menu. To enter more than 32 characters, use your Web browser. After you enter the password and select **Set**, the password is displayed as an asterisk (*).
	Client Certificate	**Client Certificate**: imports the client certificate when **EAP Type** is set to **EAP-TLS**.
	CA certificate	**CA certificate**: imports the CA certificate.
	RADIUS Serv.Name	**RADIUS Serv.Name**: Enter the server name you want to verify. You can enter up to 64 alphanumeric characters. To enter more than 32 characters, use your Web browser.

Setting	Options	Description
IP Settings	DHCP IP Address Subnet Mask Gateway Address	**DHCP**: set to **On** if your network assigns addresses automatically; set to **Off** to manually enter the network's **IP Address**, **Subnet Mask**, and **Gateway Address** using 0 to 255 for each address field. Do not use these addresses: 0.0.0.0, 127.x.x.x, 192.0.2.x, 192.168.48.x, 192.168.88.x or 224.0.0.0 through 255.255.255.255 (where x is a number from 0 to 255) for IP Address, 255.255.255.255 or 0.0.0.0 through 254.255.255.255 for Subnet Mask, and 0.0.0.0, 127.x.x.x or 224.0.0.0 through 255.255.255.255 for Gateway Address.
DNS Server 1 DNS Server 2	Various IP addresses	Enter the IP address for the DNS server, using 0 to 255 for each address field. The DNS server resolves the host name. Do not use the following IP addresses: 127.x.x.x (where x is a number from 0 to 255). When these settings are not set and remain as 0.0.0.0, DNS server information is acquired using DHCP.
SSID Display	On Off	Select whether to display the SSID on the network standby screen and Home screen.
IP Address Display	On Off	Select whether to display the IP address on the network standby screen and Home screen.
Miracast		Set up a Miracast connection.
	Miracast	Set to **On** when using the Miracast function.

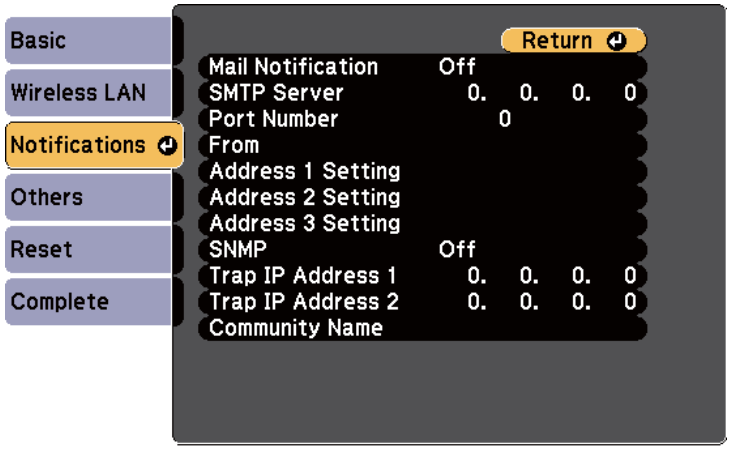
Setting	Options	Description
	Access Control	Set to **On** to display a confirmation screen that asks whether to allow projection each time a Miracast connection is made.
	Secondary Connections	Selects the connection behavior for devices attempting to connect during a Miracast connection. • **Interruptions OK**: Images from devices that connect subsequently are projected as the Miracast1 source. If the subsequent device is disconnected when **Access Control** is set to **On**, images from the previously connected device are projected as the Miracast1 source. You can connect up to two devices to the projector at the same time. When **Access Control** is set to **Off**, the previously connected device is disconnected. • **No Interruptions**: A second device can connect to the projector while images from the previously connected device continue to be projected as the Miracast1 source. If you switch the source to Miracast2, images from the second device are projected. You can connect up to two devices to the projector at the same time. • **Off**: No additional devices can connect to the projector during Miracast connection.

Setting	Options	Description
	Adjust Image Quality	Adjusts the image display speed and quality for Miracast. You can select from **1** (Fine) to **4** (Fast). **1**: Improved display quality. **4**: Improved display speed.
	Miracast Info.	Set to **On** to display information necessary to connect to the device while projecting from a Miracast source.

Network Menu - Notifications Menu

Settings on the **Notifications** menu let you receive an email notification if a problem or warning occurs in the projector.

☛ **Network** > **Network Configuration** > **Notifications**



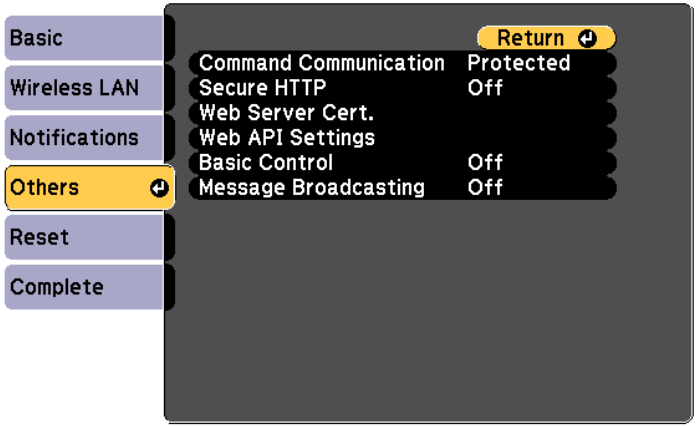
Setting	Options	Description
Mail Notification	On Off	Set to **On** to send an email to the preset addresses when a problem or warning occurs with a projector.
SMTP Server	IP address	Enter the IP address for the projector's SMTP server using 0 to 255 for each address field. Do not use these addresses: 127.x.x.x, 192.0.2.x or 224.0.0.0 through 255.255.255.255 (where x is a number from 0 to 255).
Port Number	1 to 65535 (default is 25)	Select a number for the SMTP server Port Number.
From	Up to 32 alphanumeric characters	Enter the email address of the sender. Enter an email address that does not contain personal information.
Address 1 Setting Address 2 Setting Address 3 Setting	Up to 64 alphanumeric characters from the Web browser (do not use " ( ) , : ; < > [\ ] spaces)	Enter the e-mail address, and select the alerts you want to receive. Repeat for up to three addresses. Enter an email address that does not contain personal information.
SNMP	On Off	Set to **On** to monitor the projector using SNMP. To monitor the projector, you need to install the SNMP manager program on your computer. SNMP should be managed by a network administrator.
Trap IP Address 1 Trap IP Address 2	IP address	Enter up to two IP addresses to receive SNMP notifications, using 0 to 255 for each address field. 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).

Setting	Options	Description
Community Name	Up to 32 alphanumeric characters (do not use spaces and any symbols)	Set the SNMP community name.

Network Menu - Others Menu

Settings on the **Others** menu let you select other network settings.

☛ **Network** > **Network Configuration** > **Others**



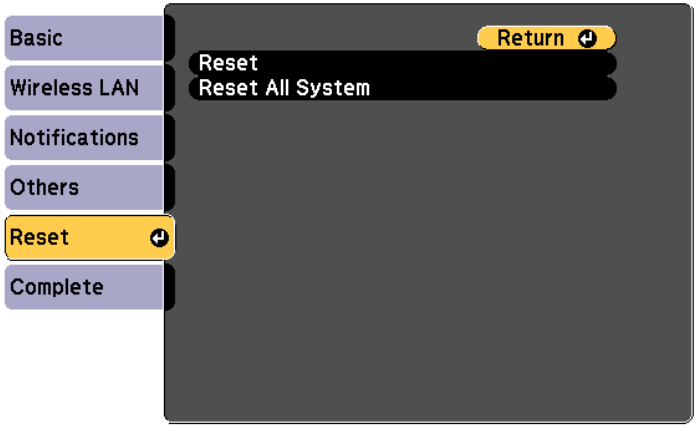
Setting	Options	Description
Command Communication		Select the authentication method for using commands to communicate with the projector over a network from external devices such as a computer or controller.

Setting	Options	Description
	Protected	Select this when using Digest authentication to authenticate using a **Web Control Password**. Be sure to use the latest version of Epson Projector Management.
	Compatible	Select this when performing plain text authentication using the **Monitor Password** (up to 16 alphanumeric characters long). Select **Compatible** when using Epson Projector Management Ver.5.30 or earlier, or when monitoring the projector in combination with a switcher or controller. Make sure the **Monitor Password** matches the password used with the switcher or controller.
Secure HTTP	On Off	To strengthen security, communication between the projector and computer in Web control is encrypted. When setting security with Web control, it is recommended to set this to **On**.
Web Server Cert.	—	Imports the Web server certificate for secure HTTP.
Web API Settings	Web API	Select **On** to enable the Web API function.
	Authentication	Selects the security for your projector to use during Web API communications. **Open**: Security is not set. **Digest**: Communication is performed using API authentication (Digest authentication). See the *Web API Specifications for Projectors* for details.
Basic Control	On Off	Set to **On** to monitor and control the projector using **Basic Control** in **Epson Web Control**.
Message Broadcasting	On Off	Set to **On** to receive the message delivered by Epson Projector Management. See the *Epson Projector Management Operation Guide* for details.

Network Menu - Reset Menu

Settings on the **Reset** menu let you reset all of the network settings.

☛ **Network** > **Network Configuration** > **Reset**

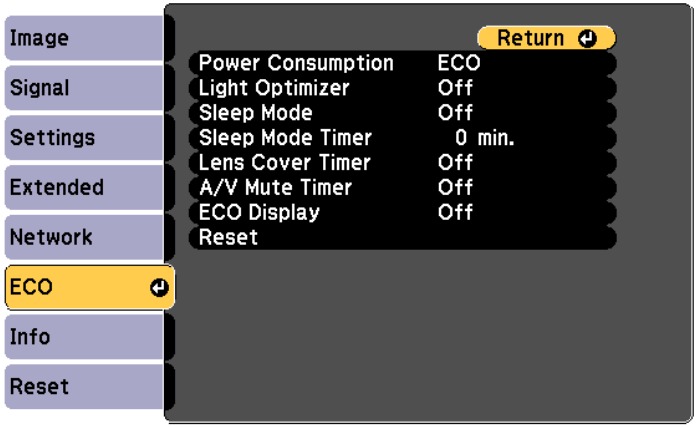


Setting	Options	Description
Reset	Yes No	Select **Yes** to reset all network settings. Not available when the source is AirPlay. **Attention** All of the passwords that have been set for the **Network** menu are also reset and you need to set them again. To prevent the passwords from being reset by unauthorized users, set **Network Protection** to **On** in the **Password Protection** menu.

Setting	Options	Description
Reset All System	Yes No	Select **Yes** to reset the apps, network settings, and so on stored in the network firmware. Not available when the source is AirPlay. Use **Reset All System** when experiencing network-related problems or similar issues. **Attention** All of the passwords that have been set for the **Network** menu are also reset and you need to set them again. To prevent the passwords from being reset by unauthorized users, set **Network Protection** to **On** in the **Password Protection** menu.

Settings on the **ECO** menu let you customize projector functions to save power.

When you select a power-saving setting, a leaf icon appears next to the menu item.



Setting	Options	Description
Power Consumption	High ECO	Selects the brightness mode of the projector lamp. You cannot select settings when you use your projector at high altitude or in locations subject to high temperatures. Select **ECO** to reduce lamp brightness and fan noise, and to save power and lamp life.

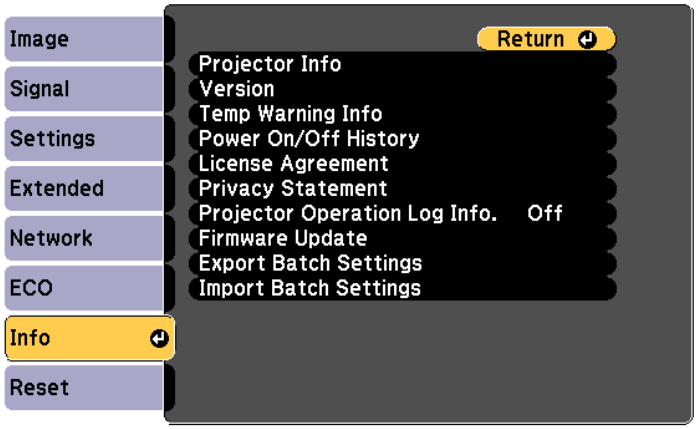
Setting	Options	Description
Light Optimizer	On Off	When set to **On**, the lamp brightness is adjusted according to the projected image. This helps to reduce the power consumption by lowering the lamp brightness according to the scene being projected. The setting is stored for each Color Mode. This item is enabled when: • **Power Consumption** is set to **High**. • **Auto Iris** is set to **Off**. ☛ **Image** > **Auto Iris**
Sleep Mode	On Off	Automatically turns off the projector after an interval of inactivity (when **On**).
Sleep Mode Timer	15 seconds to 30 minutes	Sets the interval for Sleep Mode.
Lens Cover Timer	On Off	Automatically turns off the projector after 30 minutes if the lens cover is closed (when **On**).
A/V Mute Timer	On Off	Automatically turns off the projector after 30 minutes if **A/V Mute** is enabled (when **On**).
ECO Display	On Off	Displays a leaf icon in the bottom left corner of the projected screen to indicate the power-saving status when the lamp brightness changes (when **On**).
Reset	—	Resets all adjustment values on the **ECO** menu to their default settings.

- When the **Sleep Mode Timer** setting is enabled, the lamp dims for a short time before the timer limit is reached and the projector turns off.
- When the **Lens Cover Timer** or **A/V Mute Timer** settings are enabled, the lamp uses less power when the lens cover is closed or **A/V Mute** is activated.

Related Links

- "Projector Setup Settings - Extended Menu" p.120

You can display information about the projector and version by viewing the **Info** menu. However, you cannot change any settings in the menu.



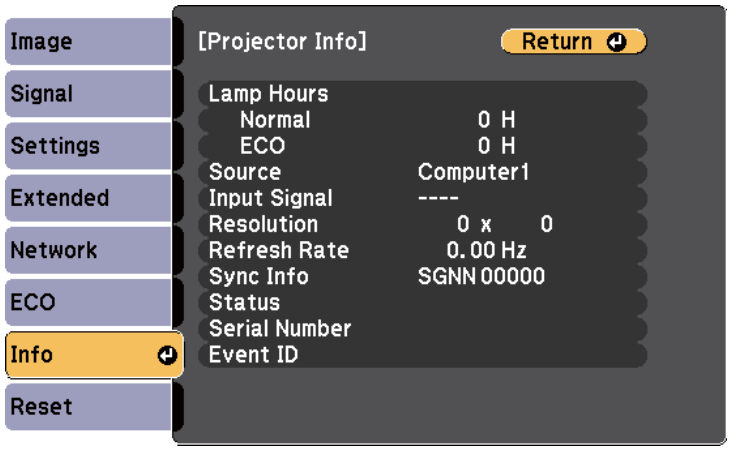
Information item	Description
Projector Info	Displays the projector information.
Version	Displays the projector's firmware version.
Temp Warning Info	Displays various high temperature warnings.
Power On/Off History	Displays the projector's power on and power off history.
License Agreement	Displays the License Agreement.
Privacy Statement	Displays the Privacy Statement.
Projector Operation Log Info.	Select whether or not to allow Epson to investigate the projector's usage status.
Firmware Update	Enters the firmware update mode. You can update by USB-A or over the network. You can select to update firmware over the network when the latest firmware has been uploaded on the server. This cannot be selected if **Firmware Update Set.** is set to **Off**. ☛ **Network** > **Firmware Update Set.**
Export Batch Settings	Exports the projector's menu settings to a USB flash drive or a computer, allowing you to copy them to other projectors of the same model.
Import Batch Settings	Imports menu settings that have been saved to a USB flash drive or a computer.

Related Links

- "Info Menu - Projector Info Menu" p.134
- "Updating the Firmware" p.152

Info Menu - Projector Info Menu

You can display information about the projector and input sources by viewing the **Projector Info** menu in the projector's **Info** menu.



The available settings depend on the current input source.

The lamp usage timer does not register any hours until you have used the lamp for at least 10 hours.

Information item	Description
Lamp Hours	Displays the number of hours (**H**) the lamp has been used in each **Power Consumption** mode; if the information is displayed in yellow, obtain a genuine Epson replacement lamp soon. ☛ **ECO** > **Power Consumption**
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 network problem; see the list of Event ID codes.

Related Links

- "Event ID Code List" p.135

Event ID Code List

If the **Event ID** option on the **Projector Info** menu displays a code number, check this list of Event ID codes for the solution to the projector problem associated with the code.

If you cannot resolve the problem, contact your network administrator or Epson for technical support.

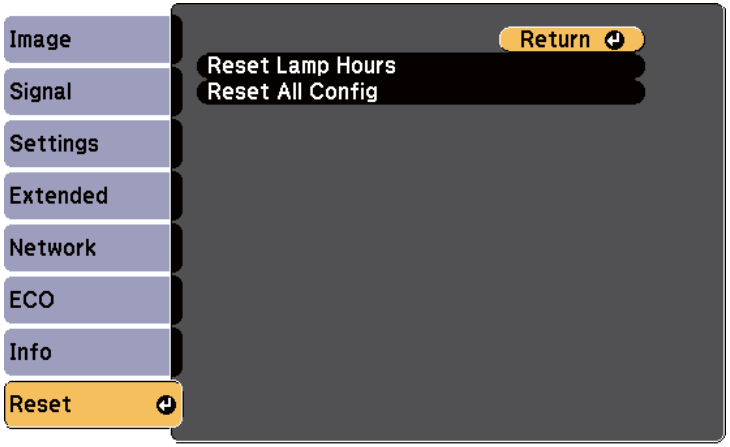
Event ID code	Cause and solution
0432 0435	The network software did not start. Turn the projector off and then on again.
0433	Cannot display the transferred images. Restart the network software.
0434 0481 0482 0485	Unstable network communication. Check the network communication status, wait a few moments, and try connecting to the network again.
0483 04FE	The network software quit unexpectedly. Check the network communication status, then turn the projector off and then on again.
0484	Communication with computer was disconnected. Restart the network software.
0479 04FF	A projector system error has occurred. Turn the projector off and then on again.
0523	When attempting to connect using Miracast, the WPS connection timed out. Move the projector and mobile device closer together and try connecting again.
0524	When attempting to connect using Miracast, an unknown error occurred during the WPS process between the projector and mobile device. Set **Miracast** to **Off** in **Wireless LAN** from the **Network** menu, then set it back to **On**, and restart the projector.
0525	When attempting to connect using Miracast, the security settings between the projector and mobile device do not match. Set **Miracast** to **Off** in **Wireless LAN** from the **Network** menu, then set it back to **On**, and restart the projector.
0526	When attempting to connect using Miracast, the WPA2 handshake was not completed correctly. Set **Miracast** to **Off** in **Wireless LAN** from the **Network** menu, then set it back to **On**, and restart the projector.

Event ID code	Cause and solution
0527	When attempting to connect using Miracast, the WPA2 four-way handshake failed, and the connection could not be established. Set **Miracast** to **Off** in **Wireless LAN** from the **Network** menu, then set it back to **On**, and restart the projector.
0528	After connecting using Miracast, IP address acquisition failed, or the projector was unable to provide a valid IP address. Set **Miracast** to **Off** in **Wireless LAN** from the **Network** menu, then set it back to **On**, and restart the projector.
0529	Miracast control communication (RTSP message exchange) failed. Disconnect the Miracast connection and then reconnect.
0530	When attempting to connect using Miracast, video or audio streaming could not be performed correctly. Move the projector and mobile device closer together and try connecting again.
0532	When attempting to connect using Miracast, there is a video or audio codec incompatibility between the mobile device and projector, such as differences in H.264/H.265, or an unsupported format is being used. Check if the resolution and codec settings on the mobile device are compatible with Miracast specifications.
0535	The Miracast session ended unexpectedly. Restart the projector and mobile device and try connecting again.
0536	When attempting to connect using Miracast, an unexpected communication disconnection occurred, such as an application crash. Restart the projector and try connecting using Miracast again.
0542	When attempting to connect using Miracast, an unknown P2P connection error occurred. Restart the projector and mobile device and try connecting again.
0543	When attempting to connect using Miracast, a video format error occurred. You cannot project using the projector due to an unsupported resolution or frame rate. Check if your mobile device is compatible with Miracast specifications.

Event ID code	Cause and solution
0544	The mobile device you tried to connect to the projector using Miracast is on the block list, and the connection has been denied. Remove the device from the block list and try connecting again.
0891	Cannot find an access point with the same SSID. Set your computer, access point, and projector to the same SSID.
0892	The WPA2/WPA3 authentication type does not match. Make sure the wireless network security settings are correct.
0893	The TKIP/AES encryption type does not match. Make sure the wireless network security settings are correct.
0894	Communication with an unauthorized access point was disconnected. Contact your network administrator.
0895	Communication with a connected device was disconnected. Check your device connection status.
0898	Failed to acquire DHCP. Make sure the DHCP server is operating correctly. If you are not using DHCP, set the **DHCP** setting to **Off** in the projector's **Network** menu. ☛ **Network** > **Network Configuration** > **Wireless LAN** > **IP Settings** > **DHCP**
0899	Other communication errors.
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.

Projector Reset Options - Reset Menu

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



Setting	Options	Description
Reset Lamp Hours	—	Reset the projector's lamp usage timer to zero when you replace the lamp.
Reset All Config	—	Resets most of the projector settings to their default values.

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

- E-Zoom
- User's Logo
- Display Background *
- Startup Screen *
- Date & Time
- A/V Mute *
- Schedule Settings
- Language
- Network menu items
- Lamp Hours
- Password

* Only when you set the **User's Logo Protection** setting to **On** in the **Password Protection** setting menu.

After selecting the projector's menu settings for one projector, you can use the following methods to copy the settings to other projectors, as long as they are the same model.

- by using a USB flash drive
- by connecting a computer and projector using a USB cable

Menu settings such as the following are not copied to the other projector.

- **Network** menu settings (except for the **Notifications** menu and the **Others** menu)
- **Lamp Hours** and **Status** from the **Projector Info** menu

- Perform batch setup before adjusting the image settings such as keystone distortion correction. Since image adjustment values are also copied to another projector, the adjustments you made before performing the batch setup are overwritten and the projected screen you adjusted may change.
- When copying the menu settings from one projector to another, user's logo is also copied. Do not register the information that you do not want to share between multiple projectors as a user's logo.
- Make sure **Batch Setup Range** is set to **Limited** if you do not want to copy the following settings:
  - **Password Protection** settings
  - **Network** menu settings (except for the **Notifications** menu and the **Others** menu)

  ☛ **Extended** > **Operation** > **Advanced** > **Batch Setup Range**

⚠ Caution

Epson takes no responsibility for batch setup failures and associated repair costs due to power outages, communication errors, or other problems that may cause such failures.

Related Links

- "Transferring Settings From a USB Flash Drive" p.138
- "Transferring Settings From a Computer" p.139

Transferring Settings From a USB Flash Drive

You can copy menu settings from one projector to another of the same model using a USB flash drive.

- The USB flash drive must use a FAT16/32 format and not incorporate any security function. Delete any files on the drive before using it for batch setup or the settings may not be saved correctly.
- You can also use this batch setup method from the projector's menu.

1. Disconnect the power cord from the projector, and check that all of the projector's indicators have turned off.
2. Connect an empty USB flash drive directly to the projector's USB-A port.
3. Hold down the [Esc] button on the remote control or the control panel and connect the power cord to the projector.
4. When all of the projector's indicators turn on, release the [Esc] button.

   The indicators start flashing and the batch setup file is written to the USB flash drive. When writing is finished, the projector turns off.

⚠ Caution

Do not disconnect the power cord or the USB flash drive from the projector while the file is being written. If the power cord or USB flash drive is disconnected, the projector may not start correctly.

5 Remove the USB flash drive.

> The file name for the batch setup file is PJCONFDATA.bin. If you need to change the file name, add text after PJCONFDATA using only alphanumeric characters. If you change the PJCONFDATA section of the file name, the projector may not be able to recognize the file correctly.

6 Disconnect the power cord from the projector to which you want to copy settings, and check that all of the projector's indicators have turned off.

7 Connect the USB flash drive containing the saved batch setup file to the projector's USB-A port.

8 Hold down the [Menu] button on the remote control or the control panel and connect the power cord to the projector.

9 When all of the projector's indicators turn on, release the [Menu] button.
When all of the indicators start flashing, the settings are being written. When writing is finished, the projector turns off.

> **⚠ Caution**
> Do not disconnect the power cord or the USB flash drive from the projector while the file is being written. If the power cord or USB flash drive is disconnected, the projector may not start correctly.

10 Remove the USB flash drive.

Transferring Settings From a Computer

You can copy menu settings from one projector to another of the same model by connecting the computer and projector with a USB cable.

> - You can use this batch setup method with the following operating system versions:
>   - Windows 10 and later
>   - macOS 12.x and later
> - You can also use this batch setup method from the projector's menu.

1 Disconnect the power cord from the projector, and check that all of the projector's indicators have turned off.

2 Connect a USB cable to the computer's USB port and to the projector's USB-B port.

3 Hold down the [Esc] button on the remote control or the control panel and connect the power cord to the projector.

4 When all of the projector's indicators turn on, release the [Esc] button.
The computer recognizes the projector as a removable disk.

5 Open the removable disk icon or folder, and save the batch setup file to the computer.

> The file name for the batch setup file is PJCONFDATA.bin. If you need to change the file name, add text after PJCONFDATA using only alphanumeric characters. If you change the PJCONFDATA section of the file name, the projector may not be able to recognize the file correctly.

6 Eject the USB device (Windows) or drag the removable disk icon to the Trash (Mac).

7 Disconnect the USB cable.
The projector turns off.

8. Disconnect the power cord from the projector to which you want to copy settings, and check that all of the projector's indicators have turned off.

9. Connect the USB cable to the computer's USB port and to the projector's USB-B port.

10. Hold down the [Menu] button on the remote control or the control panel and connect the power cord to the projector.

11. When all of the projector's indicators turn on, release the [Menu] button.
The computer recognizes the projector as a removable disk.

12. Copy the batch setup file (PJCONFDATA.bin) that you saved to your computer to the top level folder of the removable disk.

> Do not copy any files or folders other than the batch setup file to the removable disk.

13. Eject the USB device (Windows) or drag the removable disk icon to the Trash (Mac).

14. Disconnect the USB cable.
When all of the indicators start flashing, the settings are being written. When writing is finished, the projector turns off.

> **⚠ Caution**
> Do not disconnect the power cord from the projector while the file is being written. If the power cord is disconnected, the projector may not start correctly.

Related Links
- "Batch Setup Error Notification" p.140

Batch Setup Error Notification

The projector's indicators notify you if an error occurs during a batch setup operation. Check the status of the projector's indicators and follow the instructions described in the table here.

Indicator status	Problem and solutions
• Lamp: Orange - flashing fast • Temp: Orange - flashing fast	The batch setup file may be corrupt, or the USB flash drive or USB cable may not be connected correctly. Disconnect the USB flash drive or the USB cable, unplug and then plug in the projector's power cord, and then try again.
• Power: Blue - flashing fast • Status: Blue - flashing fast • Lamp: Orange - flashing fast • Temp: Orange - flashing fast	Writing the settings may have failed and an error may have occurred in the projector's firmware. Stop using the projector, remove the power plug from the electrical outlet. Contact Epson for help.

Related Links
- "Projector Indicator Status" p.157

Maintaining the Projector

Follow the instructions in these sections to maintain your projector.

Related Links

- "Projector Maintenance" p.142
- "Cleaning the Lens" p.143
- "Cleaning the Projector Case" p.144
- "Air Filter and Vent Maintenance" p.145
- "Projector Lamp Maintenance" p.148
- "Updating the Firmware" p.152

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

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

⚠ Warning

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

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 clean and dry lens-cleaning paper.
- If the lens is dusty, blow off dust using a blower, and then wipe the lens.

⚠ Warning

- Before cleaning the lens, turn off the projector and unplug the power cord.
- Do not use any flammable gas sprays such as air dusters to blow off dust. The high heat generated by the projector may cause a fire.

Attention

- Do not wipe the lens right after you turn off the projector. Doing so could damage the lens.
- Do not use any harsh materials to clean the lens and do not subject the lens to any impacts; otherwise, it could be damaged.

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.

Attention

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

Regular filter maintenance is important to maintaining your projector. Clean the air filter when a message appears telling you the temperature inside the projector has reached a high level. It is recommended that you clean these parts over a 6,000-hour period. Clean them more often than this if you use the projector in a particularly dusty environment.

Attention

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

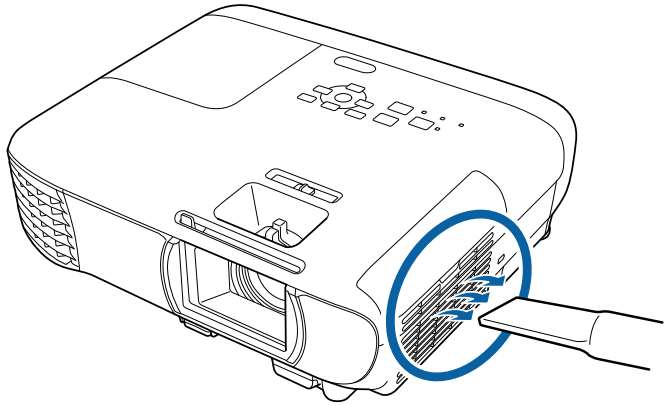
Related Links

- "Cleaning the Air Filter and Vents" p.145
- "Replacing the Air Filter" p.145

Cleaning the Air Filter and Vents

Clean the projector's air filter or vents if they get dusty, or if you see a message telling you to clean them.

1. Turn off the projector and unplug the power cord.
2. Gently remove the dust using a small vacuum designed for computers or a very soft brush (such as a paintbrush).



You can remove the air filter so that you can clean both sides. Do not rinse the air filter in water, or use any detergent or solvent to clean it.

Attention

Do not use canned air. The gases may leave a flammable residue or push dust and debris into the projector's optics or other sensitive areas.

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

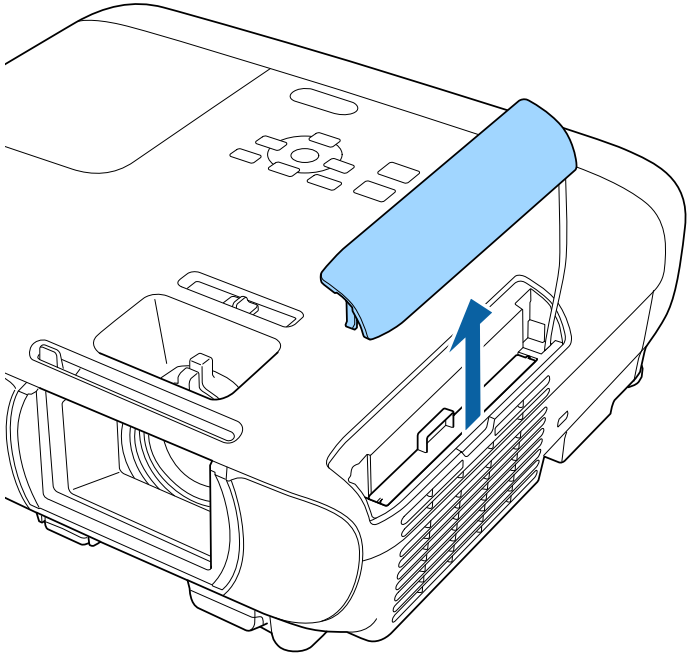
Replacing the Air Filter

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

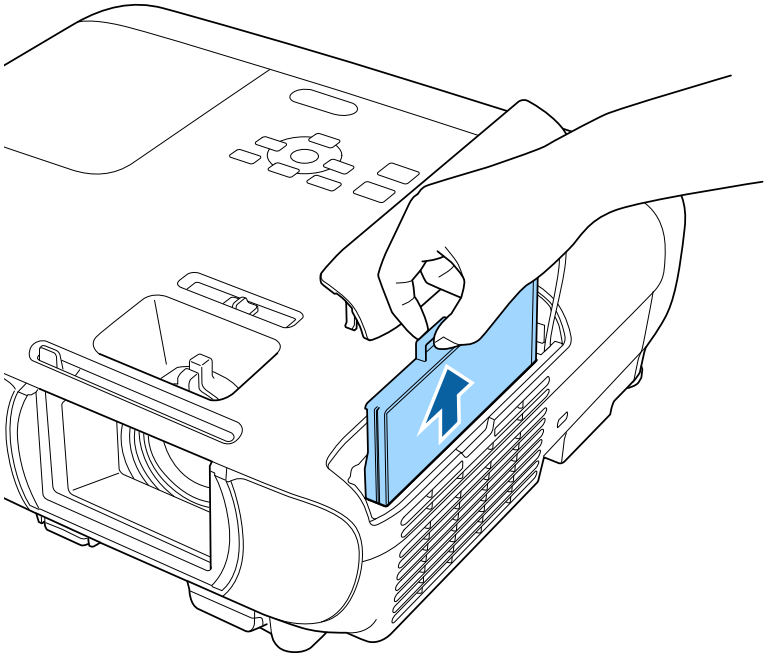
- After cleaning the air filter, you see a message telling you to clean or replace it.
- The air filter is torn or damaged.

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

1. Turn off the projector and unplug the power cord.
2. Open the air filter cover.



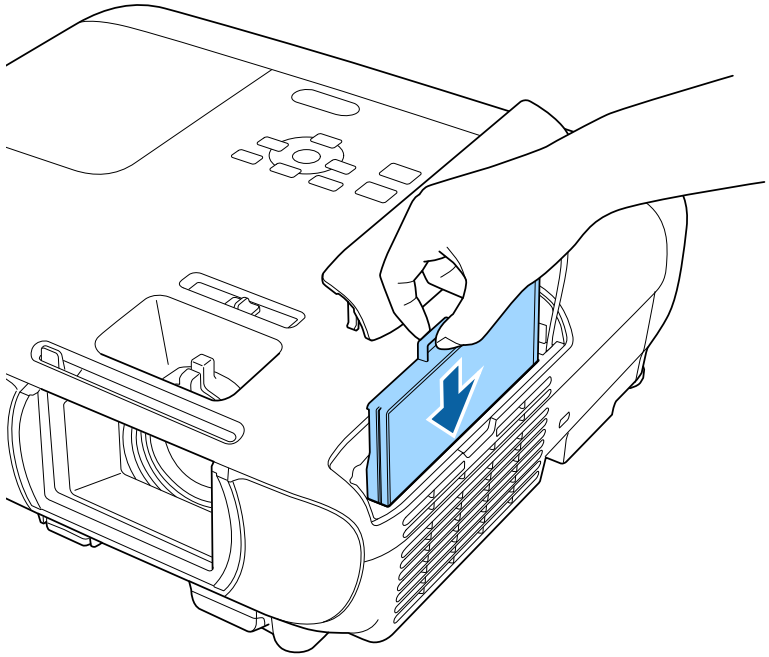
3. Pull the air filter out of the projector.



Dispose of used air filters according to local regulations.

- Filter frame: ABS
- Filter: Polyurethane foam

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



5 Close the air filter cover.

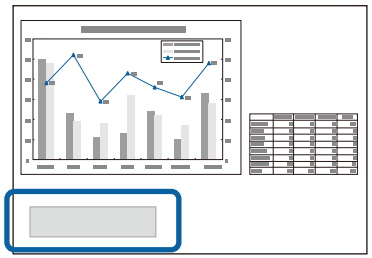
Related Links

- "Replacement Parts" p.173

The projector monitors the number of hours the lamp is used and displays this information in the projector's menu system.

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

- The projected image gets darker or quality declines
- A message is displayed when you turn on the projector telling you to replace the lamp (the message is displayed 100 hours before the expected end of the lamp life and appears for 30 seconds)



- The projector's power indicator is flashing blue and its lamp indicator is flashing orange.

Attention

- If you continue to use the lamp after the replacement period has passed, the possibility that the lamp may explode increases. When the lamp replacement message appears, replace the lamp with a new one as soon as possible, even if it is still working.
- Do not repeatedly turn off the power and then immediately turn it back on. Turning the power on and off frequently may shorten the lamp's operating life.
- Depending on the characteristics of the lamp and the way it has been used, the lamp may become darker or stop working before the lamp warning message appears. You should always have a spare lamp unit ready in case it is needed.
- We recommend the use of genuine Epson replacement lamps. The use of non-genuine lamps may affect projection quality and safety. Any damage or malfunction caused by the use of non-genuine lamps may not be covered by Epson's warranty.

Related Links

- "Replacing the Lamp" p.148
- "Resetting the Lamp Timer" p.151
- "Projector Specifications" p.177
- "Projector Indicator Status" p.157

Replacing the Lamp

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

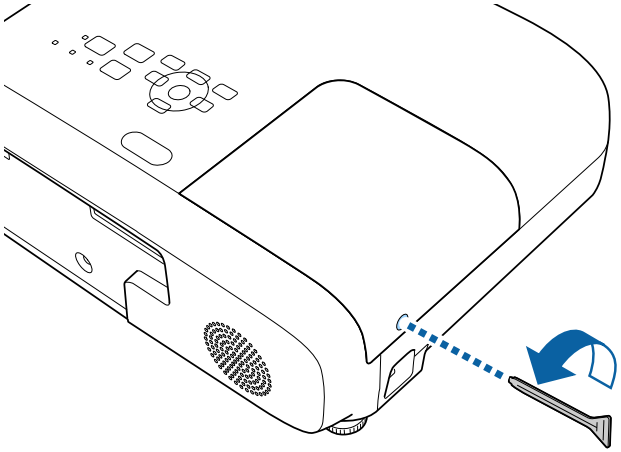
⚠ Warning

- Let the lamp fully cool before replacing it to avoid injury.
- Never disassemble or modify the lamp. If a modified or disassembled lamp is installed in the projector, it could cause a fire, electric shock, or other damage or injury.

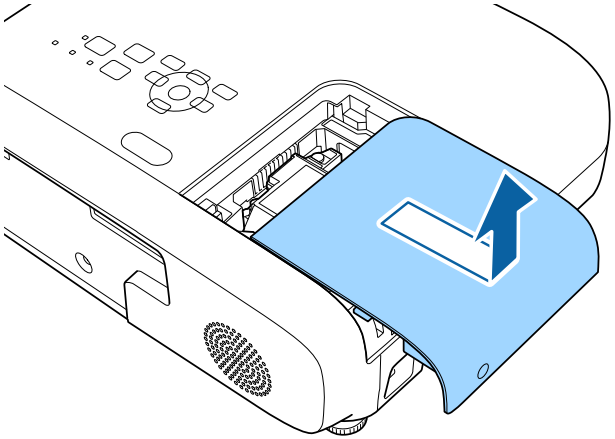
1. Turn off the projector and unplug the power cord.
2. Allow the projector lamp to cool down for at least one hour.
3. Use the screwdriver included with the replacement lamp to loosen the screw securing the lamp cover.

⚠ Warning

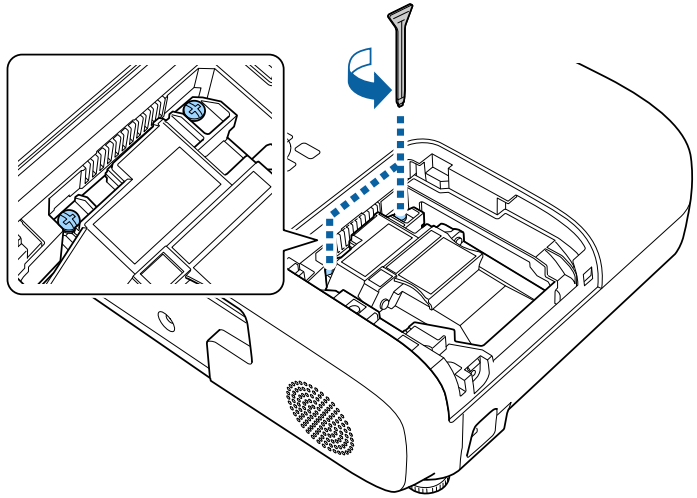
When replacing the lamp, there is a possibility that the lamp may be broken. If replacing the lamp of a projector which has been installed on the ceiling, you should always assume that the lamp is cracked, and you should stand to the side of the lamp cover, not underneath it. Remove the lamp cover gently. Be careful when removing the lamp cover as shards of glass may fall out and could cause an injury. If any shards of glass get into your eyes or mouth, contact a doctor immediately.



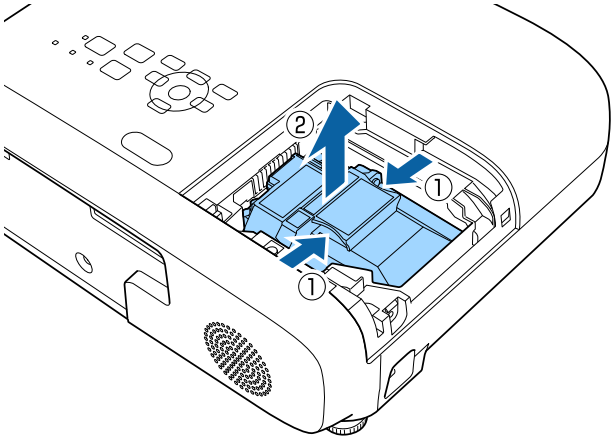
4 Slide the lamp cover out and lift it off.



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

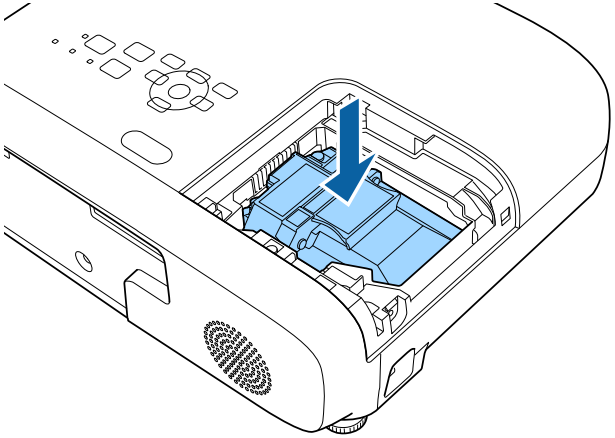


6 Grip the raised section of the lamp and remove it.



- If you notice the lamp is cracked when removing the lamp, contact Epson for help.
- The lamp(s) in this product contain mercury (Hg). Check your local laws and regulations regarding disposal or recycling. Do not put in the trash.

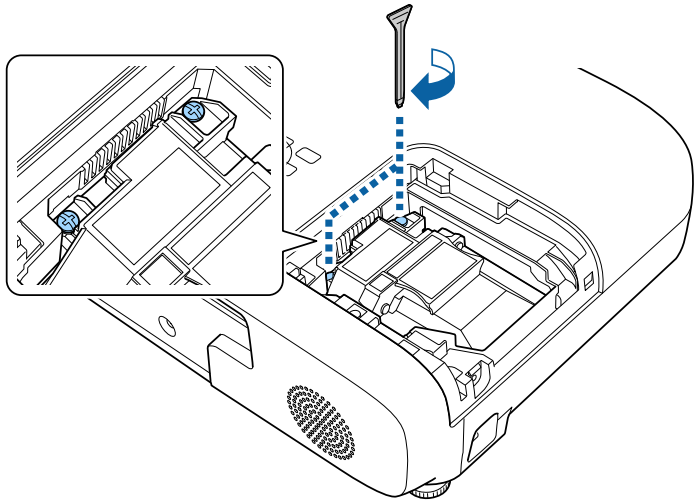
7 Gently insert the new lamp into the projector. If it does not fit easily, make sure it is facing the right way.



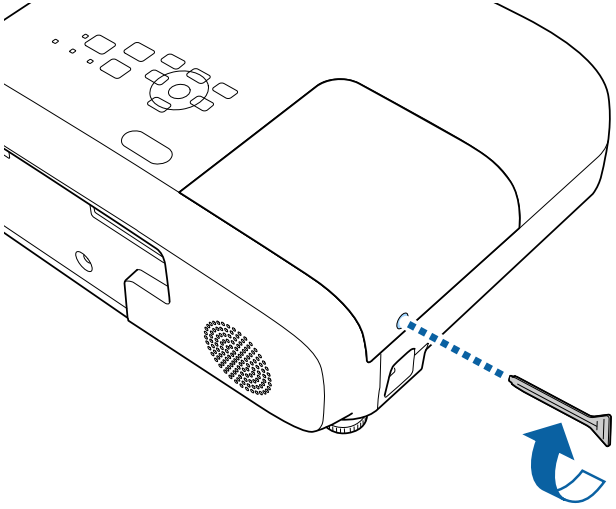
Attention

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

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



9 Replace the lamp cover and tighten the screw to secure it.



- Make sure the lamp cover is securely installed or the lamp will not turn on.
- Do not replace the lamp cover with too much force and make sure the lamp cover is not deformed.

Reset the lamp timer to zero to monitor the new lamp's usage.

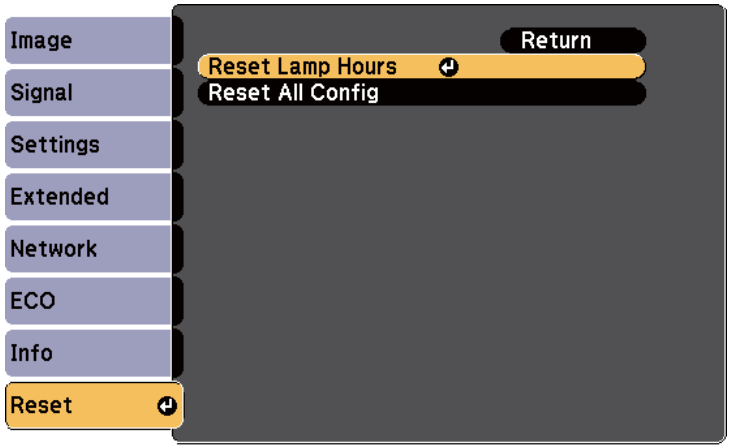
Related Links
- "Replacement Parts" p.173

Resetting the Lamp Timer

You must reset the lamp timer after replacing the projector's lamp to clear the lamp replacement message and to monitor lamp usage correctly.

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

1. Turn on the projector.
2. Press the [Menu] button, select the **Reset** menu, and press [Enter].
3. Select **Reset Lamp Hours** and press [Enter].



You see a prompt asking if you want to reset the lamp hours.

4. Select **Yes** and press [Enter].
5. Press [Menu] or [Esc] to exit the menus.

Related Links
- "Updating Firmware Using a USB Storage Device" p.152
- "Updating the Firmware over the Network" p.153

Updating Firmware Using a USB Storage Device

You can update the projector's firmware using a USB storage device.

- Responsibility for updating the firmware lies with the customer. If a firmware update fails due to problems such as a power failure or communication problems, a fee will be charged for any necessary repairs.
- When updating the firmware using a USB storage device, you must set **Log Save Destination** to **Internal Memory**.

  ☛ **Extended** > **Operation** > **Advanced** > **Log Save Destination**

1. Download the projector firmware file from the Epson Web site.
   Visit epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Latin America) and search for your product.

2. Copy the downloaded firmware file to the root folder (highest folder in the hierarchy) of the USB storage device.

   - The USB storage device must be formatted in FAT format.
   - Do not copy any other files to the USB storage device.
   - Do not change the firmware's file name. If the file name is changed, the firmware update will not start.
   - Check that the firmware file you copied is the correct file for your projector model. If the firmware file is not correct, the firmware update will not start.

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

   Connect the USB storage device directly to the projector. If the USB storage device is connected using a USB hub, the firmware update may not be applied correctly.

4. Press the [Menu] button, select the **Info** menu, and press [Enter].

5. Select **Firmware Update** and press [Enter].

   During the network firmware update, you cannot select **Firmware Update**. Even if you can select it, the projector update will not start even if you select **Yes** from **Update by USB**. Wait until the network firmware update is complete before updating the projector.

6. Select **Update by USB** and press [Enter].

7. Select **Yes** to start the firmware update.
   The Firmware Update screen is displayed.

8. Select **List update** and press [Enter].

9. Select the file listed and press [Enter].

10. Select **Transfer** and press [Enter] to start the firmware update.

    - Do not disconnect the power cord from the projector while the firmware is updating. If the power cord is disconnected, the projector may not start correctly.
    - Do not disconnect the USB storage device from the projector while the firmware is updating. If the USB storage device is disconnected, the update may not be applied correctly.

All of the projector's indicators start flashing and the firmware update starts.

11 Once the update is complete, **Reboot** is displayed. Select **Reboot** and press [Enter].

When the update finishes, check the projector's **Info** menu to make sure that the **Version** information has been updated to the correct firmware version.

- When all indicators flash rapidly, the firmware update may have failed. Disconnect the power cord from the projector, and then reconnect it to the projector. If the indicators continue to flash even after reconnecting the power cord, remove the power plug from the electrical outlet and contact Epson.
- If the firmware update fails due to a timeout or other issues, check the following.
  - Make sure there is enough free space on the USB storage device.
  - Make sure the USB storage device is not write-protected.

Updating the Firmware over the Network

Once the latest firmware has been uploaded to the server, you can update the projector's firmware over the network.

The procedures for updating the firmware vary depending on the settings in **Firmware Update Set.** from the **Network** menu.

- **Notify**: When the projector is turned on, a firmware update confirmation screen is displayed.

  Select **OK** to start the update.
- **Do not notify**: You can update the firmware from the **Info** menu.
- **Auto update at midnight**: When the projector is in standby mode, the firmware is automatically updated between 12:00 AM and 4:00 AM.
- **Off**: Disables firmware updates over the network.

You need to configure a DNS server to update the firmware over the network.

Depending on your network, set **DHCP** to **On** in **IP Settings** from the **Wireless LAN** menu. If **DHCP** is set to **Off** or if you want to specify a DNS server address, enter the IP address in **DNS Server 1** or **DNS Server 2**.

☛ **Network** > **Network Configuration** > **Wireless LAN**

If **Firmware Update Set.** is set to **Do not notify** in the **Network** menu, follow the steps below to update the firmware.

If **Firmware Update Set.** is set to **Notify** and you did not select **OK** when turning on the projector, or if it is set to **Auto update at midnight** but the update was not performed because the projector was on, you can update the firmware using the same procedure.

1 Press [Menu], select **Info**, and then press [Enter].

2 Select **Firmware Update** and press [Enter].

3 Select **Update over Network** and press [Enter].

- If the latest firmware has not been uploaded to the server, you cannot select **Update over Network**.
- If **Firmware Update Set.** is set to **Off** in the **Network** menu, you cannot select **Update over Network**.

4 Select **Yes** to start the firmware update.

Do not disconnect the power cord from the projector while the firmware is updating. If the power cord is disconnected, the projector may not start correctly.

All of the projector's indicators start flashing and the firmware update starts. When the update finishes normally, the projector enters standby status (only the power indicator is lit blue). If **Direct Power On** is set to **On** in the projector's **Extended** menu, the projector turns back on again.

When the update finishes, check the projector's **Info** menu to make sure that the **Version** information has been updated to the correct firmware version.

When all indicators flash rapidly, the firmware update may have failed. Disconnect the power cord from the projector, and then reconnect it to the projector. If the indicators continue to flash even after reconnecting the power cord, remove the power plug from the electrical outlet and contact Epson.

Related Links

- "Projector Network Settings - Network Menu" p.123
- "Projector Information Display - Info Menu" p.134

Solving Problems

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

Related Links

- "Projection Problems" p.156
- "Projector Indicator Status" p.157
- "Using the Projector Help Displays" p.160
- "Solving Image or Sound Problems" p.161
- "Solving Projector or Remote Control Operation Problems" p.166
- "Solving Network Problems" p.168
- "Solutions When HDMI Link does not Function" p.171

Projection Problems

If the projector is not working properly, turn it off, unplug it, and then plug it back in and turn it on.

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

- The indicators on the projector may indicate the problem.
- The projector's Help system can display information about common problems.
- The solutions in this manual can help you solve many problems.

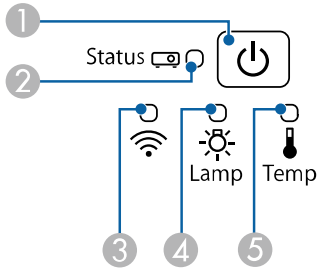
If none of these solutions help, contact Epson for technical support.

After repairing the projector, Epson may return the projector to you in its initial status. Make sure you make a note of the account information of each online service before you contact your local dealer or the nearest Epson repair center.

Projector Indicator Status

The indicators on the projector indicate the projector status and let you know when a problem occurs. Check the status and color of the indicators and then refer to this table for a solution.

- If the indicators display a pattern not listed in the table below, turn the projector off, unplug it, and contact Epson for help.



1. Power indicator
2. Status indicator
3. Wireless LAN indicator
4. Lamp indicator
5. Temp (temperature) indicator

Projector status

Indicator and status	Problem and solutions
Power: Lit blue Status: Lit blue Lamp: Off Temp: Off	Normal operation.

Indicator and status	Problem and solutions
Power: Lit blue Status: Flashing blue Lamp: Off Temp: Off	Warming up, shutting down, or cooling down. When warming up, wait about 30 seconds for an image to appear. All buttons are disabled during warm-up, shutting down, and cooling down.
Power: Lit blue Status: Off Lamp: Off Temp: Off	Standby, sleep mode, or monitoring. When you press the power button, projection starts.
Power: Flashing blue Status: Off Lamp: Off Temp: Off	Preparing for monitoring and all features are disabled.
Power: Flashing blue Status: Indicator status varies Lamp: Indicator status varies Temp: Flashing orange	Projector is too hot. • Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects. • Clean or replace the air filter. • Make sure the environmental temperature is not too hot.

Indicator and status	Problem and solutions
Power: Off Status: Flashing blue Lamp: Off Temp: Lit orange	Projector has overheated and turned off. Leave it turned off to cool down for 5 minutes. • Make sure that the vents and air filter are not clogged with dust or obstructed by nearby objects. • Make sure the environmental temperature is not too hot. • Clean or replace the air filter. • If operating the projector at high altitude, set the **High Altitude Mode** setting to **On** in the projector's menu. ☛ **Extended** > **Operation** > **High Altitude Mode** • If the problem persists, unplug the projector and contact Epson for help.
Power: Off Status: Flashing blue Lamp: Lit orange Temp: Off	Lamp has a problem. • Check to see if the lamp is burned out, broken, or installed incorrectly. Reseat or replace the lamp as necessary. • Clean the air filter. • If operating the projector at high altitude, set the **High Altitude Mode** setting to **On** in the projector's menu. ☛ **Extended** > **Operation** > **High Altitude Mode** • If the problem persists, unplug the projector and contact Epson for help. Lamp cover has a problem. • Check that the lamp and the lamp cover are securely installed. The lamp does not turn on if the lamp and the lamp cover are not installed correctly.
Power: Flashing blue Status: Indicator status varies Lamp: Flashing orange Temp: Indicator status varies	Replace the lamp soon to avoid damage. Do not continue using the projector.
Power: Off Status: Flashing blue Lamp: Off Temp: Flashing orange	A fan or sensor has a problem. Turn the projector off, unplug it, and contact Epson for help.
Power: Off Status: Flashing blue Lamp: Flashing orange Temp: Off	Internal projector error. Turn the projector off, unplug it, and contact Epson for help.
Power: Off Status: Flashing blue Lamp: Flashing orange Temp: Flashing orange	Auto iris error. Turn the projector off, unplug it, and contact Epson for help.
Power: Off Status: Flashing blue Lamp: Lit orange Temp: Lit orange	Power error (Ballast). Turn the projector off, unplug it, and contact Epson for help.

Wireless LAN status

Wireless LAN indicator status	Problem and solutions
Lit blue	Wireless LAN is available.
Flashing blue (quickly)	Connecting to a device.

Wireless LAN indicator status	Problem and solutions
Flashing blue (slowly)	An error has occurred. Turn off the projector and then on again.
Off	Wireless LAN is not available. Make sure the wireless LAN settings are correct.

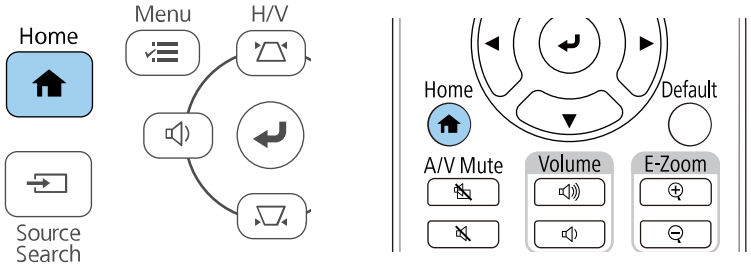
Related Links

- "Cleaning the Air Filter and Vents" p.145
- "Replacing the Air Filter" p.145
- "Replacing the Lamp" p.148

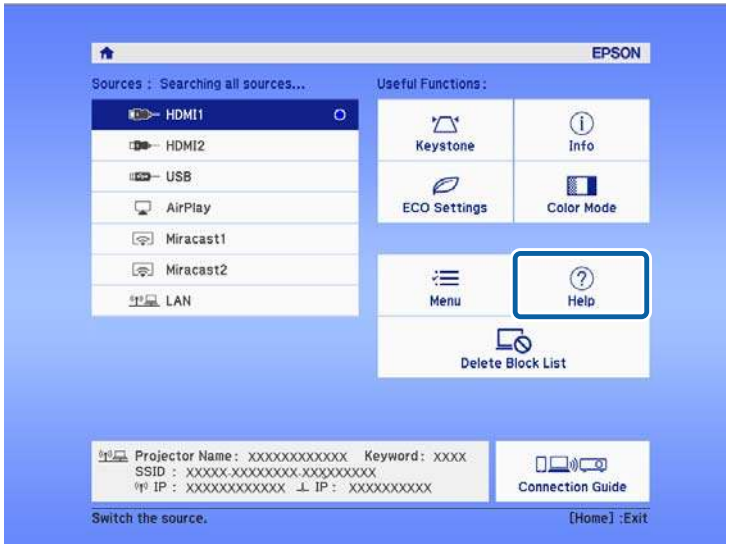
You can display information to help you solve common problems using the projector's Help system.

1 Turn on the projector.

2 Press the [Home] button on the control panel or remote control.

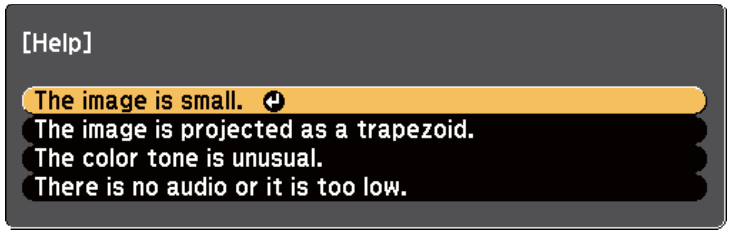


3 Select **Help** on the Home screen.



The Help menu is displayed.

4 Use the up and down arrow buttons to highlight the problem you want to solve.



5 Press [Enter] to view the solutions.

6 Perform one of the following actions when you are finished.

- To select another problem to solve, press [Esc].
- To exit the help system, press [Menu].

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

Related Links
- "Solutions When No Image Appears" p.161
- "Solutions When "No Signal" Message Appears" p.161
- "Solutions When "Not Supported" Message Appears" p.162
- "Solutions When Only a Partial Image Appears" p.162
- "Solutions When the Image is not Rectangular" p.163
- "Solutions When the Image Contains Noise or Static" p.163
- "Solutions When the Image is Fuzzy or Blurry" p.164
- "Solutions When the Image Brightness or Colors are Incorrect" p.164
- "Solutions to Sound Problems" p.164
- "Solutions When Image File Names are not Displayed Correctly in PC Free" p.165

Solutions When No Image Appears

If no image appears, try the following solutions:

- Make sure the lens cover is open all the way.
- Press the [A/V Mute] button on the remote control to see if the image was temporarily turned off.
- Make sure all necessary cables are securely connected and the power is on for the projector and connected video sources.
- If you are projecting from a streaming media player, make sure it is powered by the power supply USB cable on the projector.
- Make sure the connected device meets the HDMI CEC standard. See the documentation supplied with the device for more information.
- Press the projector's power button to wake it from standby or sleep mode. Also, check if the connected computer is in sleep mode or displaying a blank screen saver.
- If the projector does not respond when you press the control panel buttons, the buttons may be locked for security. Unlock the buttons in the **Control Panel Lock** setting or use the remote control to turn on the projector.

  ☛ **Settings** > **Lock Setting** > **Control Panel Lock**
- Adjust the **Brightness** setting in the projector's **Image** menu.
- Select **High** as the **Power Consumption** setting.

  ☛ **ECO** > **Power Consumption**
- Check the **Display** setting in the projector's **Extended** menu to make sure **Messages** is set to **On**.
- The projector may not be able to project copyrighted videos that you play back on a computer. For more details, see the manual supplied with the computer.
- 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.

Related Links
- "Input Signal Settings - Signal Menu" p.117
- "Image Quality Settings - Image Menu" p.115
- "Projector Setup Settings - ECO Menu" p.132
- "Projector Setup Settings - Extended Menu" p.120
- "Unlocking the Projector's Buttons" p.76

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 play to begin your presentation, if necessary.

- Check that all cables required for projection are securely connected.
- If you are projecting from a laptop computer, make sure it is set up to display on an external monitor.
- If necessary, turn off the projector and the connected computer or video source, and then turn them back on.
- Set the CEC function for the connected device again and restart the device.
- If you are projecting from an HDMI source, replace the HDMI cable with a shorter one.

Related Links
- "Displaying From a Laptop" p.162
- "Displaying From a Mac Laptop" p.162

Displaying From a Laptop

If the message **No Signal** is displayed when projecting from a 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**. Wait a few seconds for an image to appear.
2. To display on the laptop's monitor and the projector, try pressing the same keys again.
3. If the same image is not displayed by the laptop and projector, check the Windows **Display** utility to make sure the external monitor port is enabled and extended desktop mode is disabled.
4. If necessary, check your video card settings and set the multiple display option to **Clone** or **Mirror**.

Displaying From a Mac Laptop

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

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

Solutions When "Not Supported" Message Appears

If the message **Not supported** is displayed, try the following solutions:

- Make sure the correct input signal is selected in the projector's **Signal** menu.
- Make sure the computer's display resolution does not exceed the projector's resolution and frequency limits. If necessary, select a different display resolution for your computer.

Related Links
- "Input Signal Settings - Signal Menu" p.117
- "Supported Monitor Display Resolutions" p.176

Solutions When Only a Partial Image Appears

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

- Select a different image aspect ratio using the **Aspect** setting in the projector's **Signal** menu.

- If you zoomed into or out of the image using the [E-Zoom] buttons, press the [Default] button to return to the original image size.
- Check your computer display settings to disable dual display and set the resolution within the projector's limits.
- Check the resolution assigned to your presentation files to see if they are created for a different resolution.
- Make sure you selected the correct projection mode. You can select this using the **Projection** setting in the projector's **Extended** menu.

Related Links
- "Input Signal Settings - Signal Menu" p.117
- "Projector Setup Settings - Extended Menu" p.120
- "Supported Monitor Display Resolutions" p.176

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.
- Set **Auto V-Keystone** to **On** in the projector's **Settings** menu. The projector automatically corrects the image every time you move the projector.

  ☛ **Settings** > **Keystone** > **H/V-Keystone** > **Auto V-Keystone**
- Set **H-Keystone Adjuster** to **On** in the projector's **Settings** menu. Then adjust the horizontal keystone slider until the image is evenly rectangular.

  ☛ **Settings** > **Keystone** > **H/V-Keystone** > **H-Keystone Adjuster**
- Press the keystone buttons on the projector to adjust the image shape.
- Adjust the Quick Corner setting to correct the image shape.

  ☛ **Settings** > **Keystone** > **Quick Corner**

Related Links
- "Auto V-Keystone" p.41
- "Correcting the Image Shape with the Keystone Buttons" p.42
- "Correcting the Image Shape with Quick Corner" p.43
- "Correcting the Image Shape with the Horizontal Keystone Slider" p.41

Solutions When the Image Contains Noise or Static

If the projected image contains 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
- Check the settings in 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 in the projector's **Image** menu.

  ☛ **Image** > **Image Enhancement** > **Noise Reduction**

  ☛ **Image** > **Image Enhancement** > **Deinterlacing**
- Select a computer video resolution and refresh rate that are compatible with the projector.
- If you adjusted the image shape using the projector controls, try decreasing the **Sharpness** setting in the projector's **Image** menu to improve image quality.
- If you connected an extension power cable, try projecting without it to see if it caused interference in the signal.

Related Links
- "Input Signal Settings - Signal Menu" p.117
- "Image Quality Settings - Image Menu" p.115
- "Supported Monitor Display Resolutions" p.176

Solutions When the Image is Fuzzy or Blurry

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

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

> 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.

- Adjust the **Sharpness** setting in the projector's **Image** menu to improve image quality.
- If you are projecting from a computer, use a lower resolution or select a resolution that matches the projector's native resolution.

Related Links

- "Auto V-Keystone" p.41
- "Input Signal Settings - Signal Menu" p.117
- "Image Quality Settings - Image Menu" p.115
- "Supported Monitor Display Resolutions" p.176
- "Focusing the Image Using the Focus Ring" p.46
- "Cleaning the Lens" p.143

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:

- Try different color modes for the image and environment using the **Color Mode** setting in the projector's **Image** menu.
- Check your video source settings.
- Adjust the available settings in the projector's **Image** menu for the current input source, such as **Brightness**, **Contrast**, **Tint**, and **Color Saturation**.
- Make sure you selected the correct **Video Range** setting in the projector's **Signal** menu, if available for your image source.

  ☛ **Signal** > **Advanced** > **Video Range**
- Make sure all the cables are securely connected to the projector and your video device. If you connected long cables, try connecting shorter cables.
- If you are using **ECO** as **Power Consumption**, try selecting **High**.

  ☛ **ECO** > **Power Consumption**

> At high altitudes or locations subject to high temperatures, the image may become darker and you may not be able to adjust the **Power Consumption** setting.

- Position the projector close enough to the screen.
- If the image has been progressively darkening, you may need to replace the projector lamp soon.

Related Links

- "Adjusting Image Quality (Color Mode)" p.51
- "Input Signal Settings - Signal Menu" p.117
- "Image Quality Settings - Image Menu" p.115
- "Projector Setup Settings - ECO Menu" p.132

Solutions to Sound Problems

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

- Adjust the projector's volume settings.

- Press the [A/V Mute] button on the remote control to resume video and audio if they were temporarily stopped.
- Check your computer or video source to make sure the volume is turned up and the audio output is set for the correct source.
- Check the audio cable connections between the projector and your video source.
- Select the correct audio input in the **A/V Settings** setting in the projector's **Extended** menu.
- If you do not hear sound from an HDMI source, set the connected device to PCM output.
- When you are connecting the projector to a Mac using an HDMI cable, make sure your Mac supports audio through the HDMI port.
- If the volume for the computer is set to the minimum while the projector is set to the maximum, the noise may be mixed. Turn up the computer's volume and turn down the projector's volume. (When you use Epson iProjection (Windows/Mac).)

Related Links
- "Projector Connections" p.21
- "Projector Feature Settings - Settings Menu" p.118
- "Projector Setup Settings - Extended Menu" p.120
- "Projector Setup Settings - ECO Menu" p.132
- "Controlling the Volume with the Volume Buttons" p.53

Solutions When Image File Names are not Displayed Correctly in PC Free

If any file names are longer than the display area or include unsupported symbols, the file names are shortened or changed in PC Free. Shorten or change the file name.

Check the solutions in these sections if you have problems operating the projector or remote control.

Related Links
- "Solutions to Projector Power or Shut-Off Problems" p.166
- "Solutions to Problems with the Remote Control" p.166
- "Solutions to Password Problems" p.167
- "Solution When "The Battery that Saves Your Clock Settings is Running Low" Message Appears" p.167

Solutions to Projector Power or Shut-Off Problems

If the projector does not turn on when you press the power button or it turns off unexpectedly, try the following solutions:

- Make sure the power cord is securely connected to the projector and to a working electrical outlet.
- If the power button on the remote control does not turn on the projector, check its batteries and make sure at least one of the remote receivers are available in the **Remote Receiver** setting in the projector's **Settings** menu.
- The projector's buttons may be locked for security. Unlock the buttons in the **Control Panel Lock** setting or use the remote control to turn on the projector.

  ☛ **Settings** > **Lock Setting** > **Control Panel Lock**
- If the projector's lamp turns off unexpectedly, it may have entered sleep mode after a period of inactivity. Perform any operation to wake the projector. To turn off sleep mode, select **Off** as the **Sleep Mode** setting in the projector's **ECO** menu.
- If the projector's lamp turns off unexpectedly, the A/V mute timer may be enabled. To turn off the A/V mute timer, select **Off** as the **A/V Mute Timer** setting in the projector's **ECO** menu.
- If the projector's lamp turns off unexpectedly, the lens cover timer may be enabled. To turn off the lens cover timer, select **Off** as the **Lens Cover Timer** setting in the projector's **ECO** menu.
- If the projector's lamp turns off, the status indicator is flashing, and the temp (temperature) indicator is lit, the projector has overheated and turned off.
- 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.
- The power cord may be defective. Disconnect the cord and contact Epson for help.

Related Links
- "Projector Setup Settings - ECO Menu" p.132
- "Projector Indicator Status" p.157
- "Projector Feature Settings - Settings Menu" p.118
- "Unlocking the Projector's Buttons" p.76

Solutions to Problems with the Remote Control

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

- Check that the remote control batteries are installed correctly and have power. If necessary, replace the batteries.
- Make sure you are operating the remote control within the reception angle and range of the projector.
- Make sure the projector is not warming up or shutting down.
- Check to see if a button on the remote control is stuck down, causing it to enter sleep mode. Release the button to wake the remote control up.
- Strong fluorescent lighting, direct sunlight, or infrared device signals may be interfering with the projector's remote receivers. Dim the lights or move the projector away from the sun or interfering equipment.

- Make sure at least one of the remote receivers are available in the **Remote Receiver** setting in the projector's **Settings** menu.
- If the **Remote Receiver** setting is disabled, hold down the [Menu] button on the remote control for at least 15 seconds to reset the setting to its default.
- If you assigned an ID number to the projector to operate multiple projectors from the remote control, you may need to check or change the ID setting.
- Press the 0 (zero) button on the remote control while holding down the [ID] button. By selecting 0 on the remote control, you can operate all of the projectors regardless of the projector ID settings.
- If you lose the remote control, you can order another one from Epson.

Related Links
- "Remote Control Operation" p.27
- "Projector Feature Settings - Settings Menu" p.118
- "Selecting the Projector You want to Operate" p.70
- "Installing Batteries in the Remote Control" p.26

Solutions to Password Problems

If you cannot enter or remember a password, try the following solutions:

- 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 for help. Provide the request code and proof of ownership for assistance in unlocking the projector.
- If you lose the remote control you cannot enter a password. Order a new one from Epson.

Attention

If you perform **Reset network settings.** in the projector's **Network** menu, all of the passwords that have been set for the **Network** menu are also reset and you need to set them again. To prevent the passwords from being reset by unauthorized users, set **Network Protection** to **On** in the **Password Protection** menu.

Solution When "The Battery that Saves Your Clock Settings is Running Low" Message Appears

If the message **The battery that saves your clock settings is running low.** is displayed, contact Epson for help.

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

Related Links
- "Solutions When Wireless Authentication Fails" p.168
- "Solutions When You Cannot Access the Projector Through the Web" p.168
- "Solutions When Network Alert E-Mails are not Received" p.168
- "Solutions When the Image Contains Static During Network Projection" p.169
- "Solutions When You Cannot Connect Using Miracast" p.169
- "Solutions When the Image or Sound Contains Static During Miracast Connection" p.169
- "Solutions When You Cannot Connect Using AirPlay" p.170
- "Solutions When the Image or Sound Contains Static During AirPlay Connection" p.170

Solutions When Wireless Authentication Fails

If you are having trouble with the authentication, try the following solutions:

- If the wireless settings are correct, but authentication fails, you may need to update the **Date & Time** settings.

  ☛ **Extended** > **Operation** > **Date & Time**

- Check the **Security** settings in the projector's **Network** menu.

  ☛ **Network** > **Network Configuration** > **Wireless LAN**

- If the access point security is WPA3-EAP, change the access point setting to WPA2/WPA3-EAP.

Related Links
- "Projector Setup Settings - Extended Menu" p.120
- "Network Menu - Wireless LAN Menu" p.125

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.

- Make sure you use the following user IDs. (You cannot change the user IDs.)
  - To access the **Basic Control** option, enter **EPSONREMOTE**.
  - To access other options and save settings, enter **EPSONWEB**.
- For the password, enter the password set in the projector's **Network** menu. No password is set by default.
- 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 **A/V Output** in the projector's **A/V Settings** is set to **Always On** and the projector is in standby mode, make sure the network device is turned on. After turning on the network device, turn on the projector.

  ☛ **Extended** > **A/V Settings** > **A/V Output**

The user ID and password are case sensitive.

Related Links
- "Network Menu - Basic Menu" p.124

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 shuts down the projector, the email may not be delivered.)
- Make sure you set up the projector e-mail alert settings correctly in the projector's network **Notifications** menu or in the network software.
- Set **A/V Output** in **A/V Settings** to **Always On** so that the network software can monitor the projector in standby mode.

  ☛ **Extended** > **A/V Settings** > **A/V Output**

Related Links
- "Network Menu - Notifications Menu" p.128
- "Projector Setup Settings - ECO Menu" p.132

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, and change their positions to improve communication.
- Make sure that the access point, the computer, the mobile device and the projector are not too far apart. Move them closer together and try to connect again.
- Check for interference from other equipment, such as a Bluetooth device or microwave. Move the interfering device farther away or expand your wireless bandwidth.
- Reduce the number of connected devices if the connection speed declines.

Solutions When You Cannot Connect Using Miracast

If you are unable to connect to the projector using Miracast, try the following solutions:

- Check the projector's settings and restart the projector.
  - Set **Miracast** to **On** from **Wireless LAN** in the **Network** menu.
  - Set **Miracast** to **Off** from **Wireless LAN** in the **Network** menu, and select **On** again.
- Check the mobile device's settings.
  - Make sure the settings on the mobile device are correct.
  - When connecting again immediately after disconnecting, it may take some time until the connection is established. Reconnect after waiting for a while.
  - Restart the mobile device.
  - Once you have connected using Miracast, the projector connection information may be recorded on the mobile device. However, you may not be able to reconnect to the projector from the recorded information. Select the projector from the list of available devices.

Related Links
- "Projector Network Settings - Network Menu" p.123
- "Wireless Network Projection from a Mobile Device (Miracast)" p.88

Solutions When the Image or Sound Contains Static During Miracast Connection

If the projected image or sound contains static when connecting using Miracast, try the following solutions:

- Avoid covering the Wi-Fi antenna of the mobile device.

- If you use a Miracast connection and an internet connection at the same time, the image may stop or contain noise. Disconnect the internet connection to expand your wireless bandwidth and improve the connection speed of the mobile device.
- Make sure the projection contents meet the Miracast requirements.
- Depending on the settings of the mobile device, the connection may be lost when the device enters power saving mode. Check the electrical power saving settings on the mobile device.
- Update to the latest version of the wireless driver or firmware on the mobile device.

Related Links
- "Wireless Network Projection from a Mobile Device (Miracast)" p.88

Solutions When You Cannot Connect Using AirPlay

If you cannot connect using AirPlay, check the following solutions.

- Check the projector's settings.
  - Check that your Apple device and the projector are using the same network connection.
  - Set AirPlay to On from the AirPlay and HomeKit settings screen.
- Restart the projector.
- Check that the settings on your Apple device are correct.
- If the date and time are not correctly set on the projector, the AirPlay connection may be disconnected while projecting.

  Set the correct date and time in **Date & Time** and **Daylight Saving Time** from the **Extended** menu.
- Check if the network you are using is configured to block specific network port communications.

Related Links
- "Projector Network Settings - Network Menu" p.123
- "Using AirPlay" p.92

Solutions When the Image or Sound Contains Static During AirPlay Connection

If the video or audio is distorted when using AirPlay, check the following solutions.

- Check for obstacles between the access point, Apple device, and projector, and change their positions to improve the signal strength.
- Check that the Wi-Fi antenna part of your Apple device is not covered.
- Check that the content is suitable for streaming or mirroring using AirPlay.
- Depending on your Apple device settings, the connection may be lost during power saving. Check the power saving settings on your Apple device.
- Update your Apple device software to the latest version.

Related Links
- "Using AirPlay" p.92

Solutions When HDMI Link does not Function

If you cannot operate the connected devices using the HDMI Link features, try the following solutions:

- Make sure the cable meets the HDMI CEC standard.
- Check if the device is available in the **Device Connections** list. If the device does not appear in the **Device Connections** list, it does not meet the HDMI CEC standards. Connect a different device.

  ☛ **Settings** > **HDMI Link** > **Device Connections**
- Check that all cables required for HDMI Link are securely connected.
- Make sure the connected devices are turned on and in standby status. See the documentation supplied with the device for more information.
- If you connect a new device or change the connection, set the CEC function for the connected device again and restart the device.

Related Links

- "Projector Feature Settings - Settings Menu" p.118
- "HDMI Link Features" p.55

Appendix

Check these sections for the technical specifications and important notices about your projector.

Related Links

- "Optional Accessories and Replacement Parts" p.173
- "Screen Size and Projection Distance" p.174
- "Supported Monitor Display Resolutions" p.176
- "Projector Specifications" p.177
- "External Dimensions" p.180
- "List of Safety Symbols and Instructions" p.181
- "Warning Label" p.183
- "Glossary" p.184
- "Notices" p.186

The following optional accessories and replacement parts are available. Please purchase these products as and when needed.

The following list of optional accessories and replacement parts is current as of: January 2025.

Details of accessories are subject to change without notice and availability may vary depending on the country of purchase.

Related Links
- "Screens" p.173
- "Mounts" p.173
- "External Devices" p.173
- "Replacement Parts" p.173

Screens

60" portable screen ELPSC27

80" portable screen ELPSC28

100" portable screen ELPSC29
Portable roll-type screens. (aspect ratio 4:3)

70" portable screen ELPSC23

80" portable screen ELPSC24

90" portable screen ELPSC25
Portable roll-type screens. (aspect ratio 16:10)

64" portable screen ELPSC31
Portable magnetic screens. (aspect ratio 4:3)

50" portable screen ELPSC32
A compact screen that can be carried easily. (aspect ratio 4:3)

80" Mobile X-Type Screen ELPSC21
Portable X-type screens. (aspect ratio 16:9)

Multi Aspect Screen ELPSC26
Portable multi-aspect screen.

Mounts

Ceiling mount ELPMB23
Use when installing the projector on a ceiling.

Safety Wire Set ELPWR01
Use when connecting the projector to the installation mount to prevent the projector from falling down.

Ceiling pipe (450 mm) ELPFP13

Ceiling pipe (700 mm) ELPFP14
Use when installing the projector on a high ceiling.

Special expertise is required to suspend the projector from a ceiling. Contact Epson for help.

External Devices

Document Camera ELPDC30/ELPDC21/ELPDC13/ELPDC07
Use when projecting image such as books, OHP documents, or slides.

Soft carrying case ELPKS69
Use this to carry the projector by hand.

Android TV™ device ELPAP12
Use this streaming media player to watch online content.

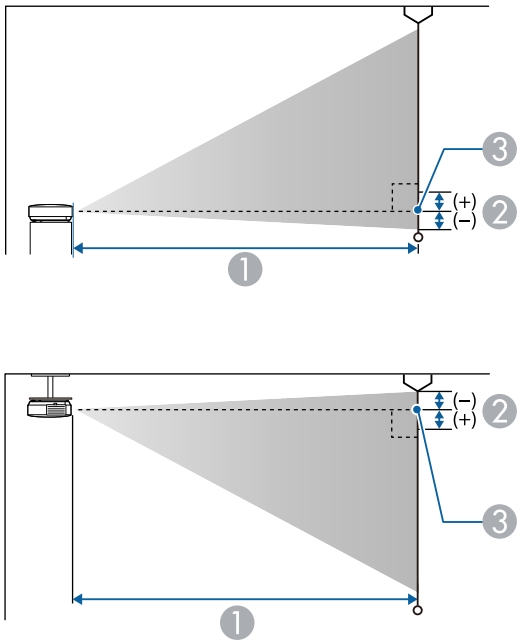
Replacement Parts

Lamp unit ELPLP97
Use as a replacement for used lamps.

Air filter ELPAF32
Use as a replacement for used air filters.

Screen Size and Projection Distance

Check the table here to determine how far to place the projector from the screen based on the size of the projected image.



1. Projection distance
2. Distance from the center of the lens to the base of the screen (or to the top of the screen, if suspended from a ceiling)
3. Center of lens

16:9 screen size		❶	❷
inch	cm	Minimum (Wide) to Maximum (Tele)	
31"	69 × 39	27 -32 inches (67 - 82 cm)	-1.1 inches (-3 cm)
40"	89 × 50	34 - 42 inches (88 - 107 cm)	-1.4 inches (-4 cm)
50"	111 × 62	43 - 53 inches (110 - 134 cm)	-1.8 inches (-5 cm)
60"	133 × 75	52 - 63 inches (133 - 161 cm)	-2.2 inches (-5 cm)
80"	177 × 100	70 - 85 inches (178 - 216 cm)	-2.9 inches (-7 cm)
100"	221 × 125	88 - 106 inches (223 - 270 cm)	-3.6 inches (-9 cm)
150"	332 × 187	132 - 160 inches (336 - 407 cm)	-5.4 inches (-14 cm)
200"	443 × 249	177 - 214 inches (448 - 543 cm)	-7.2 inches (-18 cm)
250"	554 × 311	221 - 267 inches (561 - 679 cm)	-9 inches (-23 cm)
305"	675 × 380	270 inches (685 cm)	-10.9 inches (-28 cm)

4:3 screen size		❶	❷
inch	cm	Minimum (Wide) to Maximum (Tele)	
28"	57 × 43	27 - 33 inches (69 - 84 cm)	-1.1 inches (-3 cm)
30"	61 × 46	32 - 38 inches (80 - 98 cm)	-1.3 inches (-3 cm)
40"	81 × 61	42 - 52 inches (108 - 131 cm)	-1.8 inches (-4 cm)
50"	102 × 76	53 - 65 inches (135 - 164 cm)	-2.2 inches (-6 cm)
60"	122 × 91	64 - 78 inches (163 - 198 cm)	-2.6 inches (-7 cm)
80"	163 × 122	86 - 104 inches (218 - 265 cm)	-3.5 inches (-9 cm)
100"	203 × 152	108 - 130 inches (273 - 331 cm)	-4.4 inches (-11 cm)
150"	305 × 229	162 - 196 inches (411 - 498 cm)	-6.6 inches (-17 cm)
200"	406 × 305	216 - 262 inches (549 - 665 cm)	-8.8 inches (-22 cm)
249"	506 × 380	269 inches (684 cm)	-10.9 inches (-28 cm)

16:10 screen size		❶	❷
inch	cm	Minimum (Wide) to Maximum (Tele)	
29"	63 × 39	27 - 33 inches (68 - 83 cm)	-1.1 inches (-3 cm)
40"	86 × 54	37 - 45 inches (95 - 115 cm)	-1.6 inches (-4 cm)
50"	108 × 67	47 - 57 inches (119 - 145 cm)	-1.9 inches (-5 cm)
60"	129 × 81	57 - 69 inches (144 - 174 cm)	-2.3 inches (-6 cm)
70"	151 × 94	66 - 80 inches (168 - 204 cm)	-2.7 inches (-7 cm)
80"	172 × 108	76 - 92 inches (192 - 233 cm)	-3.1 inches (-8 cm)
100"	215 × 135	95 - 115 inches (241 - 292 cm)	-3.9 inches (-10 cm)
150"	323 × 202	143 - 173 inches (363 - 440 cm)	-5.8 inches (-15 cm)
200"	431 × 269	191 - 231 inches (485 - 587 cm)	-7.8 inches (-20 cm)
250"	538 × 337	239 - 289 inches (607 - 735 cm)	-9.7 inches (-25 cm)
282"	607 × 380	270 inches (685 cm)	-10.9 inches (-28 cm)

Supported Monitor Display Resolutions

See the online *Notices* guide for detailed information on compatible refresh rates and resolutions for each compatible video display format.

Related Links

- "Getting the Latest Version of the Documents" p.8

Product name	Home Cinema 1100
Dimensions (W × H × D)	11.9 × 3.4 × 9.8 inches (302 × 87 × 249 mm) (not including raised section)
LCD panel size	0.62"
Display method	3LCD
Number of pixels	Full HD (1,920 (W) × 1,080 (H) dots) × 3
Screen resolution	2,073,600 pixels (1,920 × 1,080)
Focus adjustment	Manual
Zoom adjustment	1 to 1.2 (Optical Zoom)
Lamp	UHE lamp, 210 W Model No.: ELPLP96
Lamp life	High Power Consumption mode: Up to 6,000 hours ECO Power Consumption mode: Up to 12,000 hours
Air filter maintenance cycle	6,000 hours
Max. audio output	2 W
Speaker	1
Power supply	100-240V AC±10% 50/60Hz 3.6 - 1.7 A
Power consumption (100 to 120 V area)	Operating: 349 W
Power consumption (220 to 240 V area)	Operating: 332 W
Standby power consumption	0.3 W
Operating altitude	Altitude 0 to 10,000 feet (3,048 m)
Operating temperature *	Altitude of 0 to 7,500 feet (2,286 m): 41 to 104°F (5 to 40°C) (No condensation) Altitude of 7,500 to 10,000 feet (2,287 to 3,048 m): 41 to 95°F (5 to 35°C) (Humidity of 20 to 80%, No condensation)
Storage temperature	14 to 140°F (-10 to 60°C) (Humidity of 10 to 90%, No condensation)
Mass	Approx. 6.2 lb (2.8 kg)

* Lamp 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 of 7,500 to 10,000 feet (2,287 to 3,048 m); however, this may vary depending on the surrounding environment.)

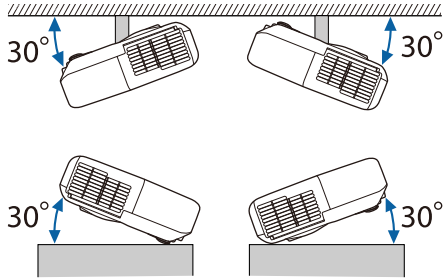
This product is also designed for IT power distribution system with phase-to-phase voltage 230V.

The rating label is attached on the bottom of the projector.

This product is certified for wireless communication in Zambia. See the following URL for the certification number.

https://download2.ebz.epson.net/sec_pubs_visual/zicta/

Angle of tilt



If you use the projector tilted at an angle of more than 30˚ it could be damaged and cause an accident.

Related Links

- "Connector Specifications" p.178
- "Wireless Channels Supported Frequency" p.178

Connector Specifications

See the List of Functions for details on the ports on your projector.

Audio Out port	Stereo mini pin jack
HDMI1 port	HDMI (Audio is only supported by PCM)
HDMI2 port	HDMI (Audio is only supported by PCM)
USB-A port	USB connector (Type A)
USB-B port	USB connector (Type B)

- USB-A and USB-B port supports USB 2.0. However, USB ports are not guaranteed to operate all devices that support USB.
- USB-B port does not support USB 1.1.

Wireless Channels Supported Frequency

Check the **Region Code** displayed under **Wireless LAN** in **Network information**, and see the table below to check the supported frequencies for the corresponding region code.

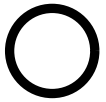
Region Code	EU	TW	ME	KR	US
2.4GHz Ch1 - Ch11 (2.400 - 2.473GHz)	Yes	Yes	Yes	Yes	Yes
2.4GHz Ch12, 13 (2.473 - 2.4835GHz)	Yes	No	Yes	Yes	No
5GHz Ch36, 40, 44, 48 (5.15 – 5.25GHz)	Yes	Yes	Yes	Yes	Yes
5GHz Ch52, 56, 60, 64 (5.25 – 5.35GHz)	Yes*	Yes*	Yes*	Yes*	Yes*
5GHz Ch100 – Ch144 (5.47 – 5.725GHz)	Yes* (Ch100-140)	Yes* (Ch100-140)	No	Yes* (Ch100-140)	Yes* (Ch100-116, 132-144)
5GHz Ch149 – Ch165 (5.725 – 5.85GHz)	No	Yes	No	Yes	Yes
6GHz Ch1 – Ch93 (5.945 – 6.425GHz)	Yes*	Yes*	No	Yes*	Yes*
6GHz Ch97 – Ch113 (6.425 – 6.525GHz)	No	No	No	Yes*	Yes*
6GHz Ch117 – Ch185 (6.525 – 6.875GHz)	No	No	No	Yes*	Yes*

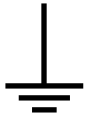
Region Code	EU	TW	ME	KR	US
6GHz Ch189 – Ch233 (6.875 – 7.125GHz)	No	No	No	Yes* (Ch189-229)	Yes*

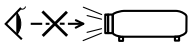
* When connecting to an access point

See the online *Notices* guide for external dimension diagrams.

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

No.	Symbol mark	Approved standards	Description
❶		IEC60417 No. 5007	"ON" (power) To indicate connection to the mains.
❷		IEC60417 No. 5008	"OFF" (power) To indicate disconnection from the mains.
❸		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.
❹		ISO7000 No. 0434B, IEC3864-B3.1	Caution To identify general caution when using the product.
❺		IEC60417 No. 5041	Caution, hot surface To indicate that the marked item can be hot and should not be touched without taking care.
❻		IEC60417 No. 6042 ISO3864-B3.6	Caution, risk of electric shock To identify equipment that has risk of electric shock.
❼		IEC60417 No. 5957	For indoor use only To identify electrical equipment designed primarily for indoor use.

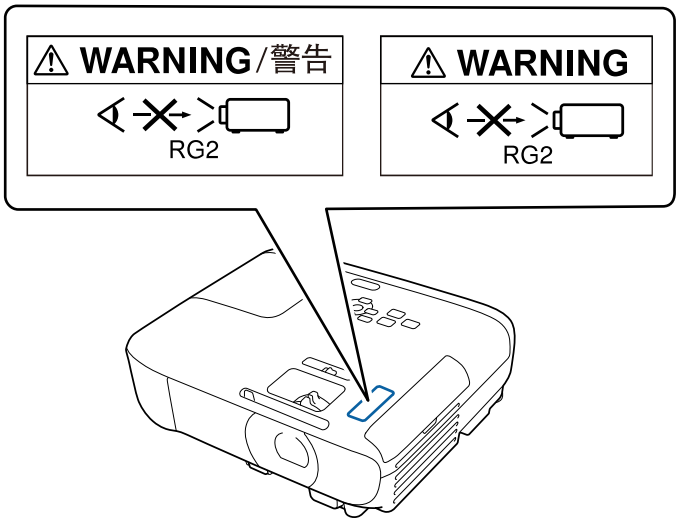
No.	Symbol mark	Approved standards	Description
❽		IEC60417 No. 5926	Polarity of d.c. power connector To identify the positive and negative connections (the polarity) on a piece of equipment to which a d.c. power supply may be connected.
❾		—	The same as No. 8.
❿		IEC60417 No. 5001B	Battery, general On battery powered equipment. To identify a device for instance a cover for the battery compartment, or the connector terminals.
⓫		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.
⓬		—	The same as No. 11.
⓭		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.
⓮		IEC60417 No. 5017	Earth To identify an earth (ground) terminal in cases where neither the symbol No. 13 is explicitly required.

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

No.	Symbol mark	Approved standards	Description
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.
㉖		IEC60417 No. 6056	Caution (Moving Fan Blades) As a safety precaution, stay away from the moving fan blades.
㉗		IEC60417 No. 6043	Caution (Sharp Corners) To indicate sharp corners that should not be touched.
㉘		—	To indicate that looking into the lens while projecting is prohibited.
㉙		ISO7010 No. W027 ISO 3864	Warning, Optical radiation (such as UV, visible radiation, IR) Taking care to avoid injury to eyes and skin when in the vicinity of optical radiation.
㉚		IEC60417 No. 5109	Not to be used in residential areas. To identify electrical equipment which is not suitable for a residential area.

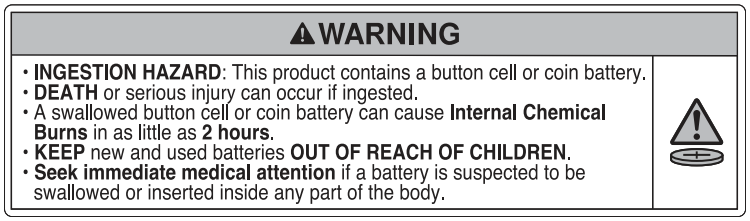
The warning label is attached to the projector.

As with any bright source, do not stare into the beam, RG2 IEC/EN 62471-5:2015.



⚠ Warning

- 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 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.



- This product contains an inaccessible, non-replaceable coin battery. Coin batteries are an ingestion hazard.
- Keep new and used coin batteries out of the reach of children. Even used batteries may cause severe injury or death.
- Seek immediate medical attention if a battery is ingested and follow any other consensus medical advice. Call a local poison control center for treatment information.
- Remove and immediately recycle or dispose of used batteries according to local regulations. Do NOT dispose of batteries in household trash.
- Do not force discharge, recharge, or disassemble batteries, heat them above the manufacturer's specified temperature rating, or incinerate them. Doing so may result in injury due to venting, leakage or explosion, resulting in chemical burns.
- Do not charge non-rechargeable batteries.
- Battery type: BR2032
- Voltage: 3.0 V DC

This section briefly explains the difficult terms that are not explained in the text of this guide. For details, refer to other commercially available publications.

Aspect Ratio	The ratio between an image's length and its height. Screens with a horizontal:vertical ratio of 16:9, such as HDTV screens, are known as wide screens. SDTV and general computer displays have an aspect ratio of 4:3.
Contrast	The relative brightness of the light and dark areas of an image can be increased or decreased to make text and graphics stand out more clearly, or to make them appear softer. Adjusting this particular property of an image is called contrast adjustment.
DHCP	An abbreviation of Dynamic Host Configuration Protocol, this protocol automatically assigns an IP address to equipment connected to a network.
Full HD	A screen size standard with a resolution of 1,920 (horizontal) × 1,080 (vertical) dots.
Gateway Address	This is a server (router) for communicating across a network (subnet) divided according to subnet mask.
HDCP	HDCP is an abbreviation for High-bandwidth Digital Content Protection. It is used to prevent illegal copying and protect copyrights by encrypting digital signals sent over DVI and HDMI ports. Because the HDMI port on this projector supports HDCP, it can project digital images protected by HDCP technology. However, the projector may not be able to project images protected with updated or revised versions of HDCP encryption.
HDMI™	An abbreviation for High Definition Multimedia Interface. HDMI™ is a standard aimed at digital consumer electronics and computers. This is the standard by which HD images and multichannel audio signals are digitally transmitted. By not compressing the digital signal, the image can be transferred at the highest quality possible. It also provides an encryption function for the digital signal.
HDTV	An abbreviation for High-Definition Television that refers to high-definition systems which satisfy the following conditions: • Vertical resolution of 720p or 1080i or greater (p = Progressive, i = Interlace) • Screen aspect ratio of 16:9
Interlace	Transmits information needed to create one screen by sending every other line, starting from the top of the image and working down to the bottom. Images are more likely to flicker because one frame is displayed every other line.
IP Address	A number to identify a computer connected to a network.
Progressive	Projects information to create one screen at a time, displaying the image for one frame. Even though the number of scan lines is the same, the amount of flicker in images decreases because the volume of information has doubled compared with an interlace system.
Refresh Rate	The light-emitting element of a display maintains the same luminosity and color for an extremely short time. Because of this, the image must be scanned many times per second to refresh the light-emitting element. The number of refresh operations per second is called the Refresh rate and is expressed in hertz (Hz).
SDTV	An abbreviation for Standard Definition Television that refers to standard television systems which do not satisfy the conditions for HDTV High-Definition Television.
SNMP	An abbreviation for Simple Network Management Protocol, which is the protocol for monitoring and controlling devices such as routers and computers connected to a TCP/IP network.
sRGB	An international standard for color intervals that was formulated so that colors that are reproduced by video equipment can be handled easily by computer operating systems (OS) and the Internet. If the connected source has an sRGB mode, set both the projector and the connected signal source to sRGB.

SSID	SSID is identification data for connecting to another device on a wireless LAN. Wireless communication is possible between devices with the same SSID.
Subnet Mask	This is a numerical value that defines the number of bits used for the network address on a divided network (subnet) from the IP address.
SVGA	A screen size standard with a resolution of 800 (horizontal) × 600 (vertical) dots.
SXGA	A screen size standard with a resolution of 1,280 (horizontal) × 1,024 (vertical) dots.
Trap IP Address	This is the IP address for the destination computer used for error notification in SNMP.
VGA	A screen size standard with a resolution of 640 (horizontal) × 480 (vertical) dots.
XGA	A screen size standard with a resolution of 1,024 (horizontal) × 768 (vertical) dots.
WXGA	A screen size standard with a resolution of 1,280 (horizontal) × 800 (vertical) dots.
WUXGA	A screen size standard with a resolution of 1,920 (horizontal) × 1,200 (vertical) dots.

Check these sections for important notices about your projector.

Related Links

- "FCC Compliance Statement" p.186
- "Innovation, Science and Economic Development Canada (ISED) Notices" p.186
- "Restriction of Use" p.187
- "Operating System References" p.187
- "Trademarks" p.187
- "Copyright Notice" p.188
- "Copyright Attribution" p.188

FCC Compliance Statement

FCC Compliance Statement For United States Users

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification or Declaration of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Innovation, Science and Economic Development Canada (ISED) Notices

Contains IC: 1052D-NH7

CAN ICES (B) / NMB (B)

Operating frequency range: 2.402-2.480GHz, 5.18-5.24GHz, 5.26-5.32GHz, 5.50-5.72GHz, 5.745-5.825GHz, 5.845-5.885GHz, 5.955-7.115GHz

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference,

(2) This device must accept any interference, including interference that cause undesired operation of the device.

This device is restricted for indoor use only. Especially, ISED regulations state that operation in 5150-5250MHz & 5850-5895MHz is for indoor use only.

This equipment (without Bluetooth® remote controller) complies with ISED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISED radio frequency (RF) Exposure rules.

CAUTION: Exposure to Radio Frequency Radiation

1. To comply with the Canadian RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

2. To comply with RSS-102 RF exposure compliance requirements, this equipment should be installed and operated, keeping the radiator at least 7.9 inches (20cm) or more away from the person's body.

Wireless caution for Wi-Fi 6E

The following uses of this device are prohibited by ISED, RSS-248 regulations.

- Devices shall not be used for control of or communications with unmanned aircraft systems.
- Devices shall not be used on oil platforms.
- Devices shall not be used on aircraft, except for the low-power indoor access points, indoor subordinate devices, low-power client devices, and very low-power devices operating in the 5925-6425 MHz band, that may be used on large aircraft as defined in the Canadian Aviation Regulations, while flying above 3,048 meters (10,000 feet).
- Devices shall not be used on automobiles.
- Devices shall not be used on trains.
- Devices shall not be used on maritime vessels.

Restriction of Use

When this product is used for applications requiring high reliability/safety such as transportation devices related to aviation, rail, marine, automotive etc.; disaster prevention devices; various safety devices etc; or functional/precision devices etc, 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 etc, please make your own judgment on this product's suitability after a full evaluation.

Operating System References

- Microsoft® Windows® 10 operating system
- Microsoft® Windows® 11 operating system

In this guide, the operating systems above are referred to as "Windows 10" and "Windows 11". Furthermore, the collective term "Windows" is used to refer to them all.

- macOS 12.x
- macOS 13.x
- macOS 14.x

In this guide, the operating systems above are referred to as "macOS 12.x", "macOS 13.x", and "macOS 14.x". Furthermore, the collective term "Mac" is used to refer to them all.

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