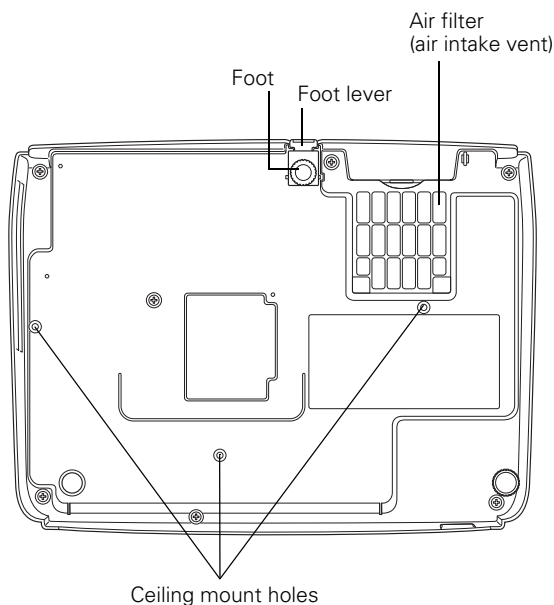
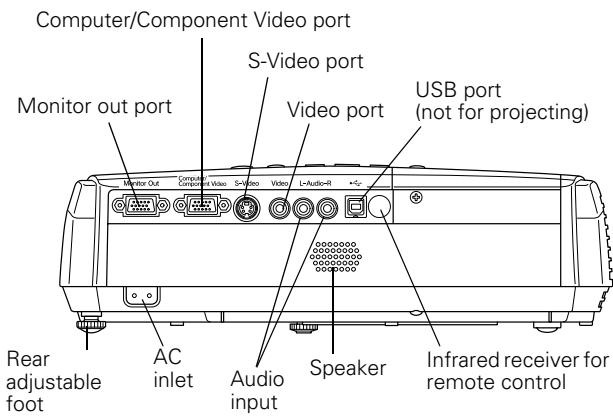
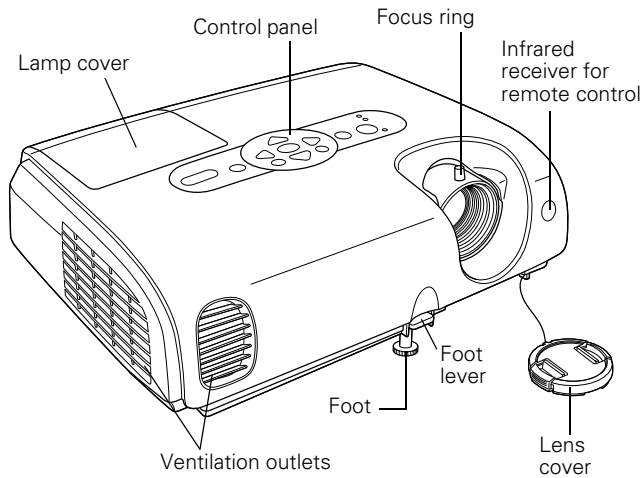


Projector Parts



Projector Specifications

General

Type of display	Poly-silicon Thin Film Transistor (TFT) active matrix with Micro Lens Array
Size of liquid crystal panels	Diagonal: 0.5 inch (12.5 mm) × 3
Lens	F=1.4 mm, f=16.6 mm
Focus adjustment	Manual
Zoom ratio	Digital zoom 1.0 to 1.35, lens at maximum size
Resolution	800 × 600 pixels (native format) SXGA (1280 × 1024) max (resized)
Number of pixels	480,000 × 3
Brightness	1600 (high brightness) ANSI lumens 1400 (low brightness) ANSI lumens
Contrast ratio	500:1
EPSON Control Code	ESC/VP 21 (available online)
Image size (diagonal)	30 to 300 inches (0.9 to 12.1 m)
Projection distance	2.9 to 29.5 ft (0.9 to 9.0 m), Wide mode 3.9 to 39.7 ft (1.2 to 12.1 m), Tele mode
Projection methods	Front, rear, upside-down (ceiling mount)
Sound output	1W monaural
Optical aspect ratio	4:3 (horizontal : vertical)
Keystone correction angle	±30° vertical ±20° vertical at 16:9 aspect ratio
Keystone correction ratio	9.6:1 offset
Supported video interface standards	NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL60, SECAM

Projection Lamp

Type	UHE (Ultra High Efficiency)
Power consumption	135W
Lamp life	About 2000 hours (high brightness) About 3000 hours (low brightness)
Part number	V13H010L33

Remote Control

Range	20 feet (6 meters)
Battery	2 AAA

Dimensions

Height	3.4 inches (86 mm) 3.9 inches (98 mm) with foot extended
Width	12.9 inches (327 mm)
Depth	9.7 inches (246 mm)
Weight	approximately 5.5 lb (2.5 kg)

Electrical

Rated frequency	50/60 Hz
Power supply	100 to 120 V model: 100 to 120 VAC, 1.0 to 2.2 A 200 to 240 V model: 200 to 240 VAC, 1.3 A
Power consumption	Operating: 195W Standby: 4.0W

Environmental

Temperature (non-condensing)	Operating: 41 to 95° F (5 to 35° C), Storage: 14 to 140° F (–10 to 60° C)
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Safety

United States	FCC Part 15B Class B UL1950 Rev. 3
Canada	DOC SOR/88-475 CSA C22.2 No. 950-95 (cUL)
CE Marking	Directive 73/23/EEC EN 60950 Directive 89/336/EEC EN 55022 Class B EN 55024

Compatible Video Formats

The projector supports the video formats listed in the following tables. To project computer images, the computer's video card must be set at a refresh rate that's compatible with the projector. See your computer documentation for details.

Computer

Signal	Refresh Rate (Hz)	Resolution (dots)	Resized display resolution (dots)
VGA	60	640 × 480	800 × 600
VGAEGA	70	640 × 350	800 × 438
VESA	72 / 75 / 85, iMac*	640 × 480	800 × 600
SVGA	56 / 60 / 72 / 75 / 85, iMac*	800 × 600	800 × 600
XGA	43i / 60 / 70 / 75 / 85, iMac*	1024 × 768	800 × 600
SXGA	70/75/85	1152 × 864	800 × 600
SXGA	60/75/85	1280 × 960	800 × 600
SXGA	60/75/85	1280 × 1024	750 × 600
MAC13"	67	640 × 480	800 × 600
MAC16"	75	832 × 624	800 × 600
MAC19"	60/75	1024 × 768	800 × 600
MAC21"	75	1152 × 870	794 × 600
SDTV (480i)	60	640 × 480	800 × 600
SDTV (480p)	60	640 × 480	800 × 600
HDTV (720p)	60	1280 × 720	800 × 450
HDTV (1080i)	60	1920 × 1080	800 × 450

* Connection is not possible if the equipment does not have a VGA output port.

Component Video

Signal	Refresh Rate (Hz)	Resolutions (dots)	
		Aspect ratio 4:3	Aspect ratio 16:9
SDTV(480i)(D1)	60	800 × 600	800 × 450
SDTV(625i)	50	800 × 600	800 × 450
SDTV(525p)(D2)	60	800 × 600	800 × 450
HDTV(720p) 16:9 (D4)	60	800 × 600	800 × 450
HDTV(1080i) 16:9 (D3)	60	800 × 600	800 × 450

Composite Video/S-Video

Signal	Resolutions (dots)	
	Aspect ratio 4:3	Aspect ratio 16:9
TV(NTSC)	800 × 600	800 × 450
TV(PAL, SECAM)	800 × 600	800 × 450

It may be possible to project signals which are not listed above. However, not all functions may be supported with such signals.

Positioning the Projector

Follow these guidelines to get the best results when projecting:

- ❑ Place the projector on a sturdy, level surface, between 3 and 40 feet from the screen.
- ❑ Make sure there is plenty of space for ventilation around and under the projector.
- ❑ Make sure the projector is within 10 feet of a grounded electrical outlet or extension cord and within 5 feet of the image source.
- ❑ Face the projector squarely toward the screen.

The projector supports 4 viewing setups, as shown below. If it is installed in a rear or overhead position, you need to select the correct projection option from the Setting menu after you turn it on.

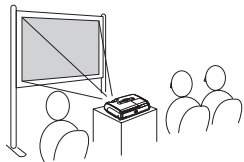
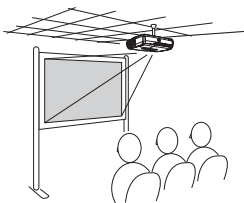
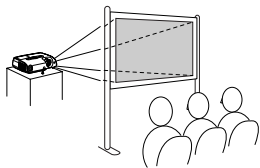


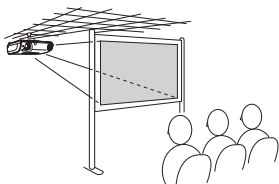
Table
Convenient for temporary front projection. Choose **Front** from the menu.



Ceiling
Professional installation recommended. Choose **Front/Ceiling** from the menu.



Rear
For permanent installation behind a translucent screen. Choose **Rear** from the menu.

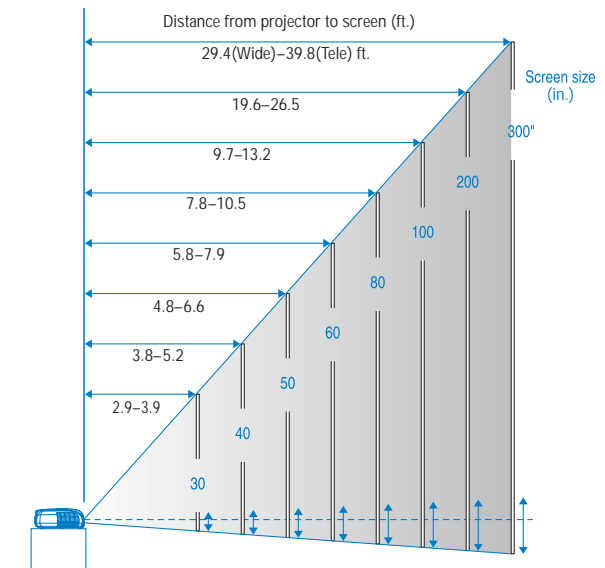


Rear/Ceiling
Professional installation behind a translucent screen recommended. Choose **Rear/Ceiling** from the menu.

If the projector is tilted in the front or the back, you may need to adjust the image shape. See page 7.

Image Size and Projection Distance

The distance between the projector and the screen determines the basic size of the projected image, as shown below. Because other adjustments—such as those made with the **Aspect** and **Keystone** buttons—also affect the size of the image, the numbers shown in the illustration should be considered for general guidelines, not exact measurements.



Use the formulas given below to either find out how large your image will be when you know the distance from the projector to the screen, or to find out how far from the screen to place the projector when you want an image of a certain size. Since the size of the image can be changed by rotating the zoom ring, formulas are given for both the minimum and maximum sizes.

To determine the diagonal size (inches) of an image when you know the projection distance (feet):

Wide: Maximum diagonal size (inches) = $10.161727 \times \text{distance (feet)} + 0.9347$

Tele: Maximum diagonal size (inches) = $7.527206 \times \text{distance (feet)} + 0.69237$

To determine the projection distance (feet) when you know the diagonal size (inches) of the screen image:

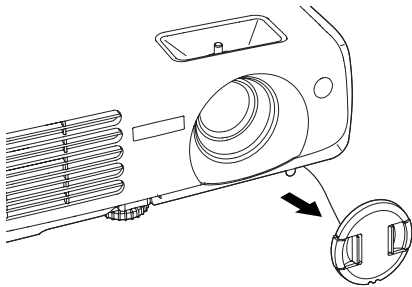
Wide: Maximum projection distance (feet) = $0.09841 \times \text{diagonal size (inches)} - 0.09198$

Tele : Maximum projection distance (feet) = $0.13285 \times \text{diagonal size (inches)} - 0.09198$

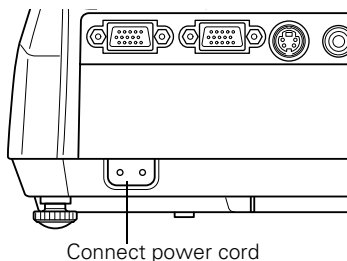
Turning the Projector On and Off


Once you've connected the projector to your computer or other equipment, follow these instructions to turn it on and display an image:

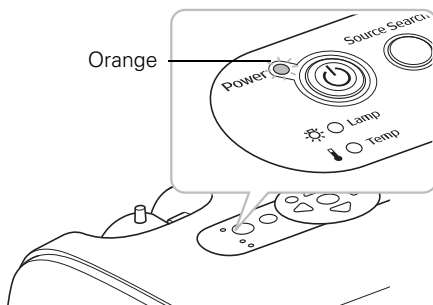
1. Make sure the power is turned off for the projector and any sources connected to it.
2. Remove the lens cover.



3. Connect the power cord to the projector and plug the other end into a standard electrical outlet.




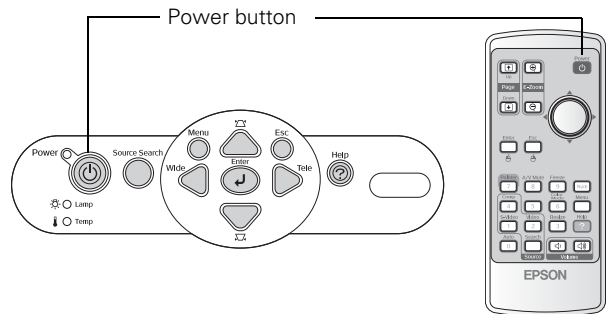
The  Power light on the projector turns orange, indicating that the projector is receiving power, but is not yet turned on.




Note: The projector will not respond to any buttons on the control panel or remote control while the power light is flashing orange.

4. If you are connecting to a device other than a computer, turn on your equipment. (If you are connecting to a computer, don't turn it on yet.)

5. Press the  Power button on the remote control or the top of the projector to turn on the projector.



You hear a beep, the  Power light flashes green as the projector warms up, and the projection lamp comes on in about 5 seconds.

Note: You may see a blue screen with the No Signal message displayed. This is normal.

6. If you are using a computer, turn it on now.
7. Start your video or presentation. If you have connected more than one video or computer source, you may need to press the Computer or S-Video/Video button on the remote control or the Source button on the projector to select the one you want to watch. (See "Switching Between Picture Sources" on page 6 for more information.)


If the image is upside-down or reversed, you need to turn on the Rear, Ceiling, or Rear/Ceiling option in the Setting menu.

If a projected image fails to appear, see "Troubleshooting" on page 5.

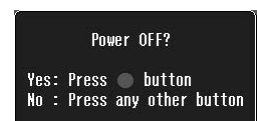
Once you see your image, see page 6 for instructions on focusing and making other image adjustments.




Turning Off the Projector


When you're ready to shut down the projector, follow these steps:

1. Turn off any video or computer sources connected to the projector first.
2. Press the  Power button on the projector or remote control to turn off the projector.

You see a confirmation message: If you don't want to turn it off, press any button or ignore the message. (It disappears in about 7 seconds.)



- Press the  Power button again. The lamp is turned off and the  Power light flashes orange as the projector cools down. When the projector has cooled, the  Power light stays orange and the exhaust fan shuts off.

Note: If you want to turn the projector on again, wait until the orange light stops flashing. Then press the  Power button.

- Unplug the power cord from the electrical outlet.




Caution: Do not disconnect the power cord while the power light is flashing orange because it may cause problems with the projector.

- Replace the lens cover.

Troubleshooting


If you see a blank screen

If you see a blank screen or the No Signal message, check the following:

- ☐ Make sure the  Power light on the projector is green and not flashing and the lens cover is off.
- ☐ Try turning off the notebook and restarting it.
- ☐ If you've connected more than one computer and/or video source, you may need to press the **Source** button on top of the projector to select your video source. (Allow a few seconds for the projector to sync up after pressing it.)
- ☐ If you're using Windows,[®] hold down the Fn key and press the function key that lets you display on an external monitor. It may have an icon such as  or , or it may be labelled CRT/LCD. (Allow a few seconds for the projector to sync up after pressing it.)

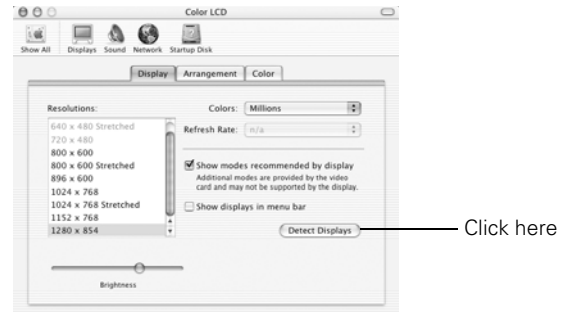
If the projector and notebook don't display the same image

If you're using a Windows notebook:

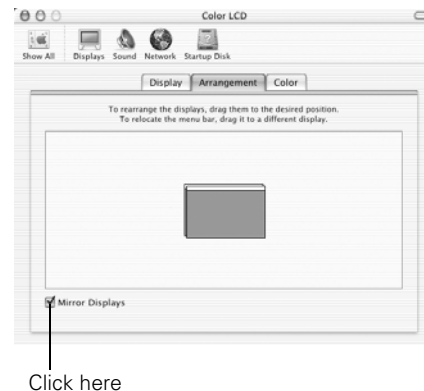
- ☐ On most systems, the  or CRT/LCD key lets you toggle between the LCD screen and the projector, or display on both at the same time.
- ☐ You might need to use the Display utility in the Control Panel to enable both the LCD screen and external monitor port. Check your notebook's manual or online help for details.
- ☐ If you have dual monitor support, you may need to uncheck the option to extend your Windows desktop in the Display Properties.

If you're using a Macintosh[®] notebook with Mac OS[®] X:

- Select System Preferences from the Apple[®] menu and click Displays.
- Click Detect Displays.

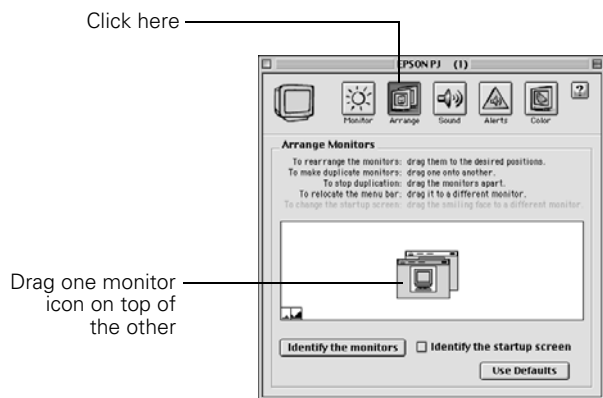


- To display the entire desktop on both your projector screen and LCD screen, click the Arrangement or Arrange tab. (If you don't see this tab, make sure it is not hidden by another window on your screen.)
- Click Mirror Displays in the lower corner of the screen. One of the monitor icons automatically moves on top of the other.



If you're using a Macintosh notebook with Mac OS 9.x or earlier:

1. From the Apple menu, select Control Panels, then click Monitors and Sound.
2. Click the Arrange icon, and then drag one monitor icon on top of the other.



Note: If the Arrange option isn't available, you may need to select one of the Simulscan resolution settings. Click the Monitor icon and then select a Simulscan resolution from the ones in the Resolution box. (Allow a few seconds for the projector to sync up after making the selection.)

Switching Between Picture Sources

You can connect the projector to multiple video sources simultaneously. Then you use the buttons on the projector or remote control to switch between them:

- ☐ Press the Source Search button on the projector to switch between computer or component video, S-video, and composite video sources.
- ☐ On the remote control, press the Computer button to select a computer or component video source. Press the Video/S-Video button to select a composite or S-Video source.

After you select a source, the screen goes dark for a moment before the image appears. The name of the source appears briefly on the screen.

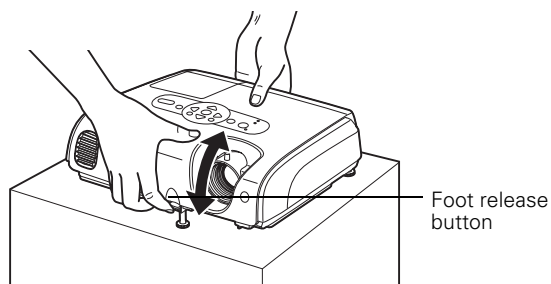
Adjusting the Image

The following sections describe how to adjust the image once it is displayed.

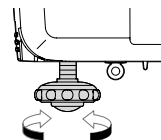
Adjusting the Height of the Image

The projector should be as perpendicular to the screen as possible. If the image is too low, you can raise it by extending the projector's front foot.

1. Stand behind the projector. Press the foot release buttons and lift the front of the projector. This unlocks the foot.



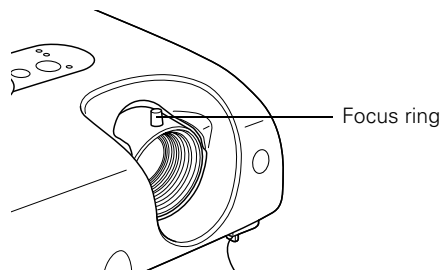
2. Once the image is positioned where you want it, release the button to lock the foot in place.
3. If you need to straighten the image, rotate the foot in the back of the projector to raise or lower the side.



If the image is no longer square after raising it, see page 7.

Focusing the Image

Rotate the focus ring to sharpen the image.



Note: If a computer image is still out of focus, you can increase the clarity by pressing the Auto button on the remote control. See page 8.

Adjusting the Image Size

You can adjust your image size using the zoom buttons on the projector, or zoom into a portion of the image using the E-Zoom buttons on the remote control.

Using the Zoom Buttons

To enlarge or reduce your image size in small increments, press the Wide button to enlarge the image or press the Tele button to reduce it.



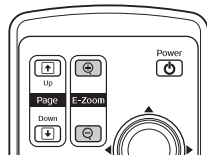
Note: You can also move the projector closer to or farther from the screen to adjust the image size.

Using the E-Zoom Buttons

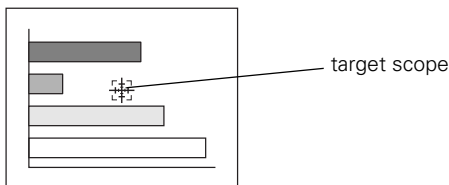
The image is enlarged or reduced.

1. Press the E-Zoom \oplus button on the remote control.

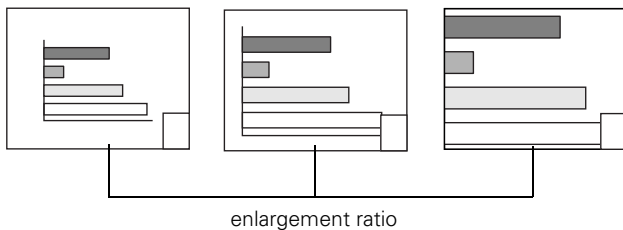
A target scope is displayed on the screen.



2. Press the \blacktriangle \blacktriangledown \blacktriangleleft \blacktriangleright buttons to move the target scope to the center of the part you wish to enlarge/reduce.



3. Push E-Zoom \oplus to enlarge the image. Push E-Zoom \ominus to reduce the enlarged image.



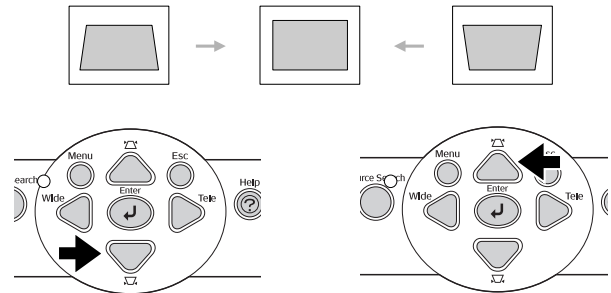
- ☐ E-Zoom \oplus : Enlarges part of the image without changing the size of the projection area.
 - ☐ E-Zoom \ominus : Reduces the part of the image that has been enlarged using the \oplus button.
 - ☐ You can scroll with the \blacktriangle \blacktriangledown \blacktriangleleft \blacktriangleright buttons.
- Press **ESC** to cancel.

Adjusting the Image Shape

When the projector is raised in the front or back, the display distorts in the shape of a trapezoid.

Note: You can correct only vertical distortion with this function.

Press the \blacktriangle or \blacktriangledown buttons to correct the distortion.



Note: The screen size changes when keystone correction is performed.

If the images become uneven in appearance after keystone correction is performed, decrease the sharpness setting.

Images can be corrected without distortion when the projector is tilted to a maximum of $\pm 10^\circ$.

When the projector must be placed off to the side of the screen, you can use the Image Shift option to adjust the screen so it appears straight. See the *User's Guide* for details.

Adjusting the Image Quality

You may need to adjust the projector's Tracking and Sync settings on the Image menu if your computer image has any of these quality problems:

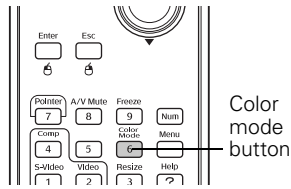
- ☐ Flashing or blurry image
- ☐ Vertical or horizontal stripes
- ☐ Only a portion of the image is displayed

See the *User's Guide* for more information.

Note: You can also increase computer image clarity by pressing the Auto button on the remote control to optimize the tracking, sync, and position settings. Turn off E-Zoom and A/V Mute before using the Auto button.

Selecting the Color Mode

There are seven color modes. The mode changes each time you press the **Color Mode** button on the remote control. Make a selection appropriate for the image and current conditions.



❑ Photo (Computer or RGB video)

Images are vivid and high-contrast. Ideal for projecting still pictures, such as photos, in a bright room. Photos that are under- or over-exposed look best in this mode.

❑ Sports (Component video, S-video, or composite video)

The images are vivid. Ideal for watching TV programs in a bright room.

❑ Presentation

Ideal for giving presentations in a bright room

❑ Theatre

Gives images a natural tone. Ideal for watching films in a dark room.

❑ Blackboard

When projecting onto a blackboard (green board), gives your images a natural tint, just like projecting onto a screen.

❑ sRGB

Conforms to the sRGB color standard. If the connected source has an sRGB mode, set both the projector and the connected source to sRGB.

❑ Game

Excels at emphasizing dark gradations. Ideal for playing video games in a bright room.

Note: You can also change the color mode through the Image menu.

Using the Automatic Setup

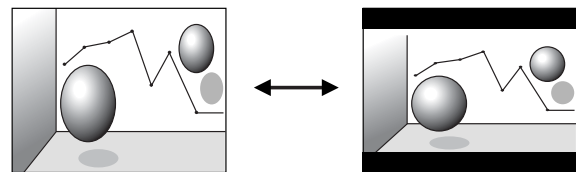
If you are projecting from a computer, the projector automatically adjusts the input signals to produce the best image quality. Automatic setup adjusts the Tracking, Sync, and other image settings.

However, if Auto Setup in the Image menu is set to OFF, you need to press the **Auto** button on the remote control while projecting from a computer to have the projector make the adjustments.

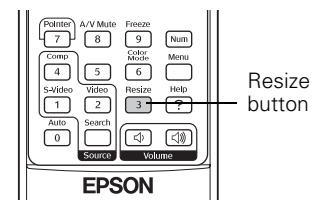
Sometimes the signals may not be adjusted correctly, depending on the type of signals being output by the computer. In such cases, use the Image menu to adjust the tracking and sync settings manually.

Selecting the Aspect Ratio

The aspect ratio is the ratio between an image's width and its height. Standard images have an aspect ratio of 4:3 and HDTV and DVD images have an aspect ratio of 16:9. If your video source is 16:9, you can change the aspect ratio to view the video in 16:9 wide-screen format.



Press the **Resize** button on the remote control to change the aspect ratio.



Turning Off the Picture and Sound

Press the **A/V Mute** button on the remote control to darken your screen and turn off the sound. When you're ready to resume, press **A/V Mute** again.

If you press the button while projecting from a video source, and you don't pause the video, it continues to play even though you can't see or hear it. When you press the **A/V Mute** button again to resume, the playback does not resume at the exact point you paused it.

Note: You can make the blank screen blue, instead of black, whenever you press the A/V Mute button by selecting it as the background color in the Extended > Display menu.

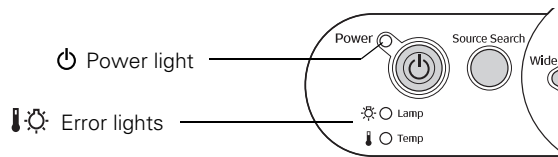
Freezing the Action

Press the **Freeze** button on the remote control to temporarily freeze the action on the screen. This freezes any moving images on the screen until you press the **Freeze** button again.

Like the A/V Mute feature, if you are projecting a video, the video and audio continue while the projected image is paused, so when you press the **Freeze** button again to resume, the playback does not resume where you stopped it.

Projector Status Lights

If your projector isn't working correctly, first turn it off, wait for it to cool, and unplug it. Then plug the power cord back in and turn on the projector. If this doesn't solve the problem, check the lights on top of the projector. They alert you to problems with projector operations.



Light	Status	Description and action
Power	off	The projector is unplugged. If you want to turn it on, make sure the power cable is connected securely at both ends, then press the Power button to turn on the projector.
Power	orange	The projector is in sleep (or standby) mode. You can unplug it to turn it off or press the Power button to turn it on.
Power	flashing green	The projector is warming up. Warming up takes about 30 seconds (the EPSON logo appears after approximately 5 seconds). When warming up is complete, the indicator changes to steady green.
Power	green	The projector is operating normally.
Power	flashing orange	The projector lamp is off and the projector is cooling down. Wait until the light stops flashing. (The cool-down period lasts about 20 seconds.) Then, if you want to turn it off, unplug it. If you want to turn it on, press the Power button. (You can't turn the projector on, and you should never unplug it, when the light is flashing orange.)
Power	red	The projector has an internal error. Stop using the projector, disconnect the power cable from the electrical outlet, and contact Epson.
Power	red	The projector has a fan related error or sensor error. Stop using the projector, disconnect the power cable from the electrical outlet, and contact Epson.

Light	Status	Description and action
Power	red	The projector has an internal temperature error (overheating). The lamp turns off automatically and projection stops. Wait for 5 minutes, then check the following: make sure the air filter and air exhaust vent are clear and that the projector is not positioned against a wall. If the air filters are blocked, clean or replace them. After checking, press the Power button to turn the power back on. If this does not solve the problem, stop using the projector, disconnect the power cable from the wall outlet, and contact Epson.
Power	red	There is a lamp timer failure or the lamp is out. Take out the lamp and check if it is broken. If the lamp is not broken, put it back in and then turn the power on. If the lamp still does not turn on, replace it with a new lamp. If this does not solve the problem, stop using the projector and disconnect the power cable from the electrical outlet. Then contact Epson. If the lamp is broken, replace it with a new lamp. If replacing the lamp yourself, be careful to avoid pieces of broken glass. Check that the lamp and the lamp cover are securely installed. If not, the lamp will not turn on.
Power	red	High-speed cooling is in progress. This is normal, but if the temperature rises too high again, projection will stop. Check that the air filters and air exhaust vent are clear and that they are not up against a surface such as a wall. If the air filters are clogged, clean or replace them.
Power	orange	The lamp needs to be replaced. Replace the lamp with a new one. If you continue to use the lamp after it has passed the replacement period, the possibility that the lamp may break will increase. Replace the lamp with a new one as soon as possible. The Power indicator status will vary depending on the projector status at the time.

Using the Remote Control

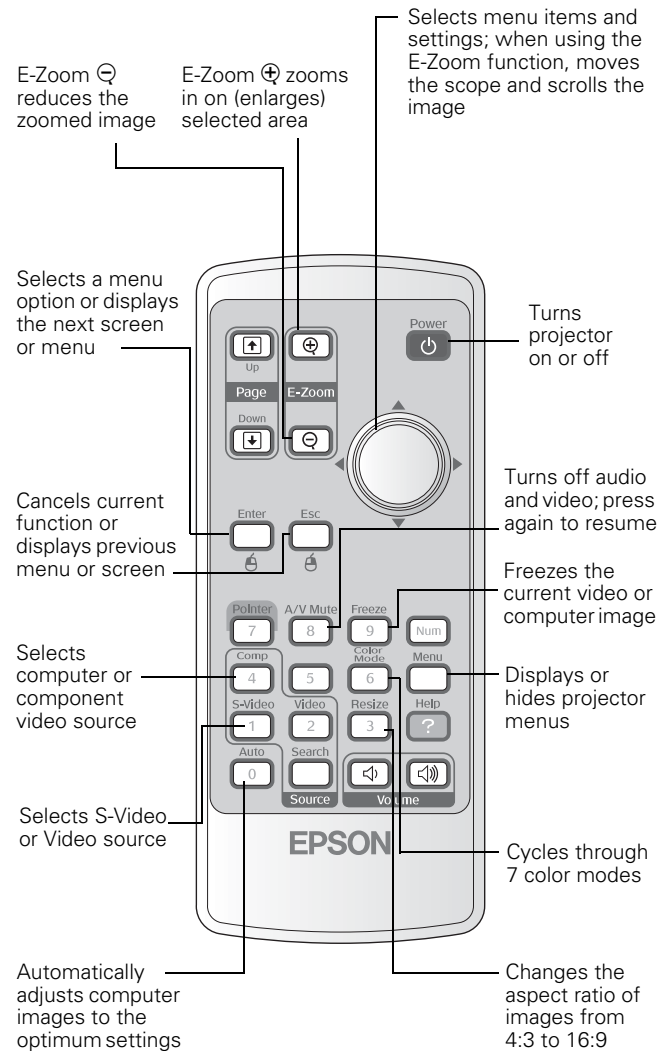
The remote control uses a line-of-sight infrared signal. It lets you access the projector's features from anywhere in the room—up to 20 feet away. (This distance may be shorter if the remote control batteries are low.)

The projector may not respond to remote control commands in these conditions:

- ☐ You are too far away—not within 20 feet (6 meters)—or not within 30° to the left or right of the front or rear sensor or 15° above or below it
- ☐ The battery is weak or not installed correctly
- ☐ Ambient light is too bright
- ☐ A fluorescent light is shining into the infrared receiver

- ❑ A strong light source (such as direct sunlight) shines into the infrared receiver
- ❑ Other equipment emitting infrared energy is present (such as a radiant room heater)

Remote Control Buttons



Using the Menus

The on-screen menus let you adjust and customize the projector features from the remote control:

- ❑ **Image** controls the look and quality of the projected image (from a computer or video source).
- ❑ **Setting** adjusts features such as the keystone setting, blank screen color, sleep mode, and rear or ceiling projection.
- ❑ **Info** provides information about the current projector and lamp settings.
- ❑ **Reset** restores the factory defaults to all the projector settings and lets you reset the lamp timer when you've replaced the projector's lamp.

Changing Menu Settings

You use the Menu, \leftarrow , and Esc buttons on the remote control to change menu settings.

1. Press the **Menu** button. The top configuration menu is displayed.
2. Press the \uparrow or \downarrow buttons to select the Top Menu item.
3. Press the \leftarrow button. Sub Menu 1 is displayed.
4. Press the \uparrow or \downarrow buttons to select the Sub Menu 1 items, then press the \leftarrow button.
5. For Sub Menu 2, press the \uparrow or \downarrow buttons in the same way, then press the \leftarrow button.
6. Settings can be changed in the following ways:
 - ❑ Press the \leftarrow or \rightarrow buttons to change the setting values.
 - ❑ Press the \uparrow or \downarrow buttons to select the menu item. Then press the \leftarrow button.
The current setting has a green dot by the name and the current menu selection is highlighted in orange.
Press the \leftarrow button to confirm the selection.
 - ❑ Press the \leftarrow or \rightarrow buttons to select the value. Then, press the \leftarrow button.
 - ❑ Press the \uparrow \downarrow \leftarrow \rightarrow buttons to move the image display position.
7. Set other items in the same way.
Press the **Esc** button to return to the previous item or menu, or select **Return**.
8. Press the **Menu** button to finish.

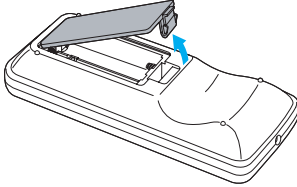
Note: The \oplus mark is displayed after items which select a setting or lead to a sub menu.

Replacing Remote Control Batteries

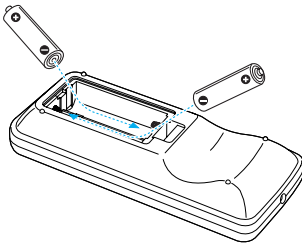
When the batteries run out, follow the steps below to replace them. The remote requires 2 AAA batteries.

Note: Make sure you read the Safety Instructions in the User's Guide before handling the batteries.

1. Push in the battery cover catch and lift up to remove the battery cover.

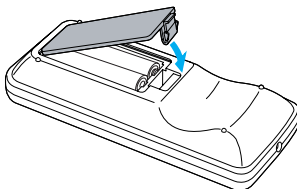


2. Insert the batteries.



Check the positions of the (+) and (–) marks inside the battery holder to ensure that the batteries are inserted the correct way.

3. Replace the battery cover.



4. Press the battery compartment cover until it clicks into place.

Cleaning the Projector Case

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

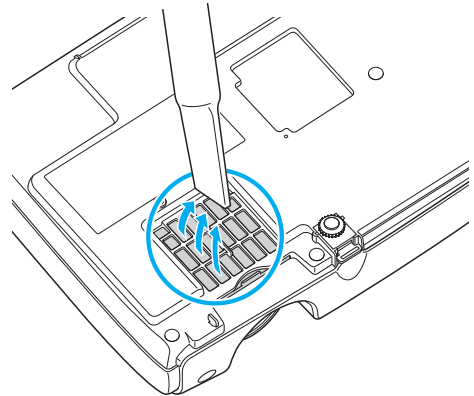
- ❑ To remove dirt or dust, wipe the outside with a soft, dry, lint-free cloth.
- ❑ To remove stubborn dirt or stains, clean the case using a soft cloth moistened with water and a neutral detergent. Dry it using a separate cloth.

Caution: Do not use alcohol, benzene, thinner, wax, or other chemicals. These can damage the case.

Cleaning the Air Filter

If the air filter becomes clogged with dust, it can cause overheating and damage the projector. Follow these steps to clean the filter:

It is recommended that you clean the air filter at least once every three months. Clean it more often if using the projector in particularly dusty environments.



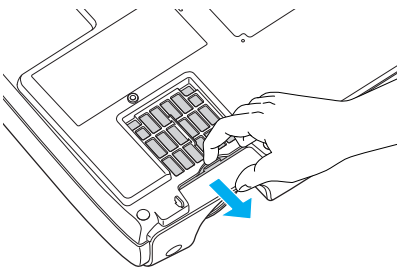
Note: If the air filter is broken or if a warning message reappears after it has been cleaned, it should be replaced with a new air filter. See the next section.

Replacing the Air Filter

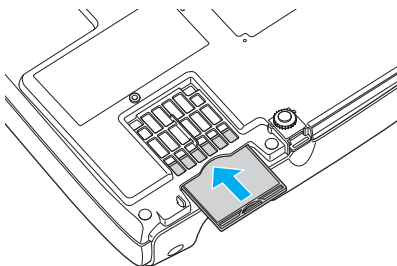
If you need to replace the air filter, you can obtain it from an authorized Epson reseller. To find the nearest reseller, please call 800-GO-EPSON (800-463-7766). To purchase online, visit www.epsonstore.com (U.S. sales only). In Canada, please call 800-463-7766 for reseller referral.

If the air filter is broken or if the warning message reappears after it has been cleaned, it should be replaced. The air filter can be replaced even if the projector is installed on a ceiling.

1. Turn off the projector's power. When the confirmation buzzer beeps twice, disconnect the power cable.
2. Remove the air filter. Put your finger into the recess behind the air filter tab and slide it forward to remove it.



3. Install the new air filter. Slide the air filter covers in from the outside and push them in until they click into place.

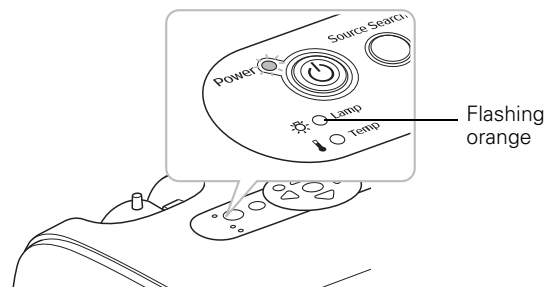


Note: Dispose of used air filters properly in accordance with your local regulations. The air filter frame is made of polycarbonate and ABS plastic. The air filter is made of polyurethane foam.

Replacing the Lamp

It is time to replace the lamp when:

- ❑ The message "Replace the Lamp." appears on the screen when projection starts
- ❑ When the Lamp indicator is flashing orange



- ❑ The projected image gets darker or starts to deteriorate

The lamp replacement message appears after the following periods of time in order to maintain the initial brightness and quality of the projected images:

- ❑ When used continuously at the high brightness setting (approximately 1900 hours)
- ❑ When used continuously at the low brightness setting (approximately 2900 hours)

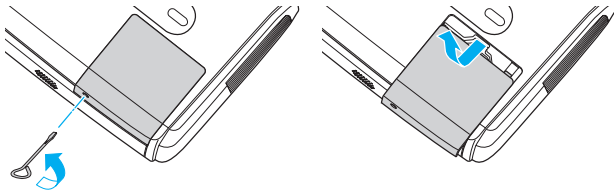
Note: If you continue to use the lamp after this period, the possibility of the lamp breaking becomes greater. When the lamp replacement message appears, replace the lamp with a new one as soon as possible, even if it is still working. Depending on the lamp and the way it has been used, the lamp may become darker or stop working before the lamp warning message appears.

You can obtain a spare lamp from an authorized Epson reseller. To find the nearest reseller, please call 800-GO-EPSON (800-463-7766). To purchase online, visit www.epsonstore.com (U.S. sales only). In Canada, please call 800-463-7766 for reseller referral.

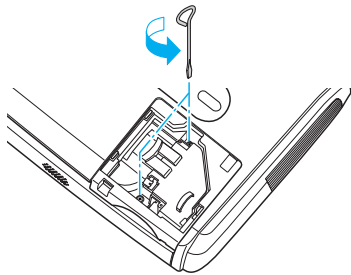
Caution: If you are replacing the lamp because it has stopped working, it is possible that the lamp is broken. If replacing the lamp of a projector which has been installed on a ceiling, you should always assume that the lamp is broken and be extremely careful when removing the lamp cover. Wait until the lamp has cooled down sufficiently before removing the lamp cover. To give the lamp enough time to cool down after turning off the power, wait for about one hour.

1. After you turn off the projector's power, and it beeps twice, disconnect the power cable.
2. Wait until the lamp has cooled down, then remove the lamp cover from the base of the projector.

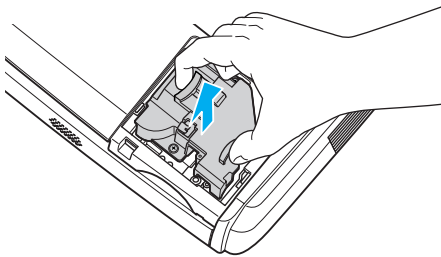
3. Loosen the lamp cover screw with the screwdriver that is supplied with the spare lamp (or your own cross head [Phillips] screwdriver).
4. Then slide the lamp cover straight forward and lift it to remove.



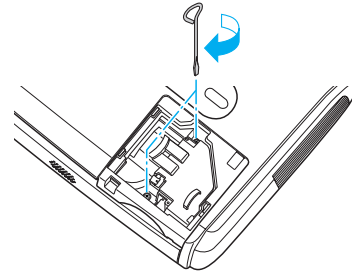
5. Loosen the two lamp screws with the screwdriver that is supplied with the spare lamp (or your own cross head [Phillips] screwdriver).



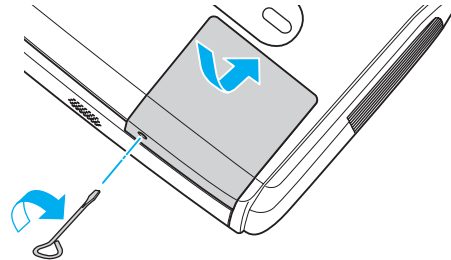
6. Take out the lamp. Hold the lamp as shown in the illustration below and lift it up and out of the projector. If the lamp is broken, replace it with a new lamp, or contact Epson for further advice. If replacing the lamp yourself, be careful to avoid pieces of broken glass.



7. Insert the new lamp so that it fits in place correctly. Once it is fully inserted, tighten the two screws.



8. Slide the lamp cover onto the projector and tighten the cover screw.



Note: Install the lamp securely. If the lamp cover is removed, the lamp turns off automatically as a safety precaution. Moreover, the lamp will not turn on if the lamp or the lamp cover is not installed correctly. The lamp contains mercury. Dispose of used lamps properly in accordance with your local regulations.

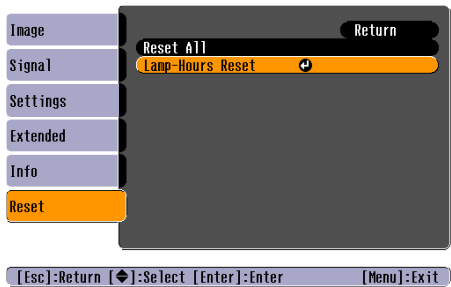
Resetting the Lamp Timer

The projector has a built-in counter which keeps track of the lamp operating time. When the cumulative operating time reaches a certain point, it causes the replacement warning message to be displayed. Therefore, the counter needs to be reset after the lamp has been replaced with a new one. You can do this using the configuration menu.

Note: Do not reset the lamp operating time except after the lamp has been replaced, otherwise the lamp replacement period will not be indicated correctly.

1. Connect the power cable and turn on the projector.

2. Select **Reset** from the configuration menu, and then select **Lamp-Hours Reset**.



3. When **Execute?** appears, select **Yes**.

The lamp operating time is reset.

The lamp usage timer doesn't register until you've used the lamp for at least 10 hours.

Optional Accessories

You can purchase screens, carrying cases, or other accessories from an Epson authorized reseller. For product information and to find the nearest authorized reseller, please call 800-GO-EPSON (800-463-7766) or browse our catalog of products at www.epson.com, select the product you are interested in, and click "Where to Buy." To purchase online, please visit the Epson Store at www.epsonstore.com (U.S. sales only). In Canada, please call 800-463-7766 for a reseller referral. This list of optional accessories is current as of January 2005. Details of accessories are subject to change without notice.

Epson provides the following optional accessories:

Part Number	Part Name
V13H010L33	Replacement lamp
V13H134A08	Air filter set (2)
ELPSC06	50" Portable screen (4:3 aspect ratio)
ELPSC07	60" Portable pop-up screen (4:3 aspect ratio)
ELPSC08	80" Portable pop-up screen (4:3 aspect ratio)
ELPSC09	83.6" Hanging pull-down screen (4:3 aspect ratio)
ELPMBUNI	Ceiling mount
ELPMBFCP	False ceiling plate
ELPMBSEC	Ceiling mount secure cable kit
ELPMBAPL	Suspension adapter
ELPMBACC	Adjustable Ceiling Channel
ELPSV01	S-Video cable
ELPKC19	Component video cable (9.8 feet/3 m) for mini D-Sub 15-pin/RCA×3
ELPDA01	Distribution amplifier
ELPKS35-S	Samsonite® wheeled softcase
ELPKS43	Samsonite soft shoulder case for projector and notebook
ELPKS54	ATA molded hardshell case
V12H162020	ELPDC05 High resolution document imager
ELPSL01	Kensington® security lock

Related Documentation

CPD-19502	Epson PowerLite S3 Projector Quick Setup Poster
CPD-19503	CD-ROM containing the Epson PowerLite S3 User's Guide
Parts Price Lists	Available on the Epson Insider Website only