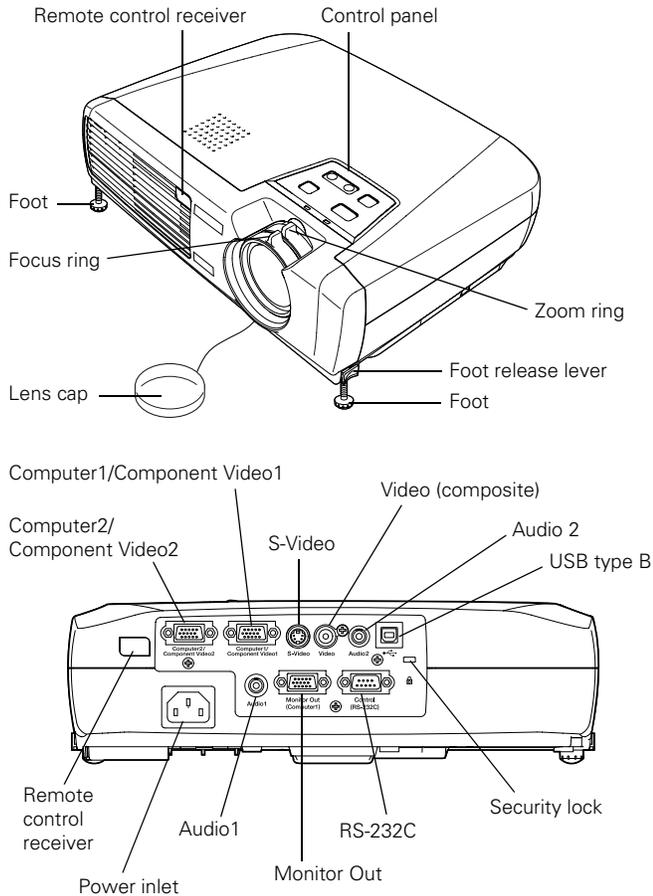


Projector Parts



Projection distance	2.9 to 34.4 feet (0.9 to 10.5 meters)
Projection methods	Front, rear, ceiling
Focus adjustment	Manual
Zoom adjustment	Manual
Internal sound system	1 W monaural
Optical aspect ratio	4:3 (horizontal:vertical)
Zoom ratio	1:1.2
Noise level	38 dB (High brightness mode) 33 dB (Low brightness mode)
Keystone correction angle	± 15° vertical (maximum)

Projection Lamp

Power consumption	200 W UHE
Lamp life	High brightness: about 2000 hours Low brightness: about 3000 hours
Part number	V13H010L27

Remote Control

Range	20 feet (6 meters)
Battery	CR2025 lithium

Mouse Compatibility

Supports USB

Specifications

General

Type of display	Poly-silicon TFT active matrix
LCD panels (3)	Diagonal size: 0.7 inches (17.8 mm)
Lens	F=1.70 to 1.87, focal length=21.3 to 25.6 mm
Resolution (native format)	74c: 1024 × 768 pixels 54c: 800 × 600 pixels
Color reproduction	Full color, 16.8 million colors
Brightness (ANSI)	2000 lumens (High brightness mode) 1500 lumens (Low brightness mode)
Contrast ratio	500:1
Image size	30 to 300 inches (0.8 to 7.6 meters)

Dimensions

Height	3.4 to 3.8 inches (87 to 97 mm), feet extended
Width	12.4 inches (315 mm)
Depth	9.5 inches (240 mm)
Weight	6.4 lb (2.9 kg)

Electrical

Rated frequency	50/60 Hz
Power supply	100 to 120 VAC, 2.6 A 200 to 240 VAC, 1.3 A
Power consumption	Operating: 280 W Standby: 3 W

EPSON PowerLite 54c/74c Projector

Environmental

Temperature Operating: 41 to 95 °F (5 to 35 °C)
Storage: 14 to 140 °F (-10 to 60 °C)

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

Safety and Approvals

United States FCC 47CFR Part15B Class B (DoC)
UL1950 Rev. 3

Canada ICES-003 Class B
CSA C22.2 No. 950-95 (cUL)

CE Marking Directive 73/23/EEC, 89/336/EEC
EN 55022, EN 55024

Compatible Video Formats

The projector supports NTSC, PAL, and SECAM international video standards, as well as the monitor and HDTV display formats listed below.

To project images output from a computer, the computer's video card must be set at a refresh rate (vertical frequency) that's compatible with the projector; see the following table for compatible formats. If necessary, images are automatically resized to display in the projector's "native" format (such as XGA for the 74c or SVGA for the 54c). In addition, the frequencies of some computers may not allow images to display correctly; see your computer's documentation for details.

Mode	Refresh Rate (Hz)	Resolution
VGAEGA	70	640 × 350
VGA—60	60	640 × 480
VESA—72	72	640 × 480
VESA—75	75	640 × 480
VESA—85	85	640 × 480
SVGA—56	56	800 × 600 ¹
SVGA—60	60	800 × 600 ¹
SVGA—72	72	800 × 600 ¹
SVGA—75	75	800 × 600 ¹
SVGA—85	85	800 × 600 ¹
XGA—43i	43	1024 × 768 ²
XGA—60	60	1024 × 768 ²
XGA—70	70	1024 × 768 ²
XGA—75	75	1024 × 768 ²
XGA—85	85	1024 × 768 ²
SXGA1—70	70	1152 × 864
SXGA1—75	75	1152 × 864
SXGA1—85	85	1152 × 864
SXGA2—60	60	1280 × 960
SXGA2—75	75	1280 × 960
SXGA2—85	85	1280 × 960
SXGA3—43i	43	1280 × 1024
SXGA3—60	60	1280 × 1024
SXGA3—75	75	1280 × 1024
SXGA3—85	85	1280 × 1024
UXGA—48i	48	1600 × 1200 ³
UXGA—60	60	1600 × 1200 ³
MAC13	67	640 × 480
MAC16	75	832 × 624
MAC19—60	59	1024 × 768 ²
MAC19	75	1024 × 768 ²
MAC21	75	1152 × 870
NTSC	60	—
NTSC 4:3	60	—
PAL	50	—
M-PAL	60	—
N-PAL	50	—
PAL—60	60	—
SECAM	50	—
HDTV (480i)	59.94	720 × 480
HDTV (480p)	59.94	720 × 480
HDTV (575i)	50	720 × 574
HDTV (575p)	50	720 × 574
HDTV (720p)	50	720 × 574
HDTV (1080i)	60	1280 × 720
HDTV (1080i) 33.75/	60	1920 × 1080
31.25	50	1920 × 1080

¹ Resized on the PowerLite 74c only; native mode on the PowerLite 54c.

² Resized on the PowerLite 54c only; native mode on the PowerLite 74c.

³ Resized on the PowerLite 74c only; not available on the PowerLite 54c.

Computer/Component Video Port Pin Assignments

The Computer 1/Component Video 1 and Computer 2/Component Video 2 ports are female video RGB, 15-pin, mini-D-style connectors.

Pin no.	Computer/component video port
1	Red video
2	Green video
3	Blue video
4	GND
5	GND
6	Red GND
7	Green GND
8	Blue GND
9	Reserved
10	Synchronous GND
11	GND
12	SDA
13	Horizontal sync / composite sync
14	Vertical sync
15	SCL

Positioning the Projector

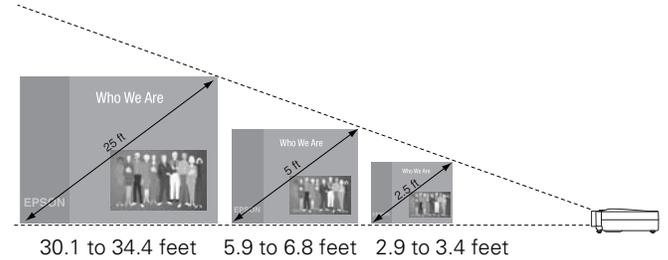
Before connecting the projector, you need to decide where to place it. The location you choose depends on the size of the room and what you are projecting.

- ❑ Place the projector on a sturdy, level surface, between 2.9 and 34.4 feet from the screen.
- ❑ Make sure there is plenty of space for ventilation around and under the projector. Leave at least 8 inches between the projector and a wall.
- ❑ Make sure the projector is within 6 feet of an electrical outlet or extension cord and within 5 feet of your computer and/or video source.
- ❑ Place the projector directly in front of the center of the screen, facing the screen squarely. Otherwise, your image will not be rectangular.

Note

It's easier to position the projector when the screen is directly in front of the room. If the screen is placed diagonally in a corner, it's much more difficult to aim the projector correctly at the screen and get a rectangular image.

Use the figure below as a guideline to help you determine how far from the screen to place the projector. Image size generally increases with distance, but may vary depending on how you position the zoom ring and whether you have adjusted the image size with other settings.



To calculate exact measurements, use the following formulas:

- ❑ To find the projection distance when you know the screen's diagonal dimension:

$$\text{Wide (inches)} = ((3.0625 \times \text{diagonal screen size [inches]}) - 2.4655) / 2.54$$

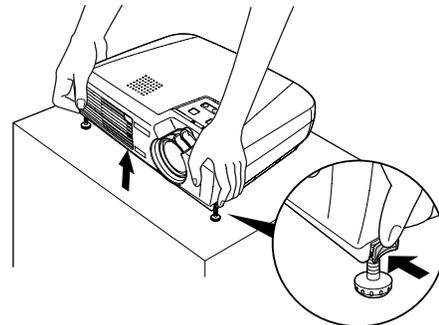
$$\text{Tele (inches)} = ((3.5063 \times \text{diagonal screen size [inches]}) - 2.0063) / 2.54$$

- ❑ To find how large a screen's diagonal dimension will be when you know the projection distance:

$$\text{Wide (inches)} = (\text{Projection distance [inches]} \times 0.82937) + 0.80505$$

$$\text{Tele (inches)} = (\text{Projection distance [inches]} \times 0.7244) + 0.57219$$

If you place the projector below the level of the screen, you'll have to tilt it up by extending the feet as shown. Tilting the projector upward causes the image to lose its rectangular shape, but the Auto Keystone feature corrects the distortion automatically. If the image does not regain its rectangular shape, the Auto Keystone feature may have been disabled. To turn it on, see page 6.



If you place the projector level with the bottom of the screen, the image will be rectangular and you won't have to adjust it. If you place the projector higher than the bottom of the screen, the image will still be rectangular, but you won't be able to fill the whole screen with the image.

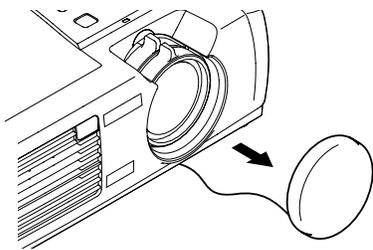
Starting Up the Projector

Make sure your projector and other equipment are set up and connected correctly. Then turn on your projector, as described below.

If you turn on your connected computer or video equipment before starting the projector, the projector automatically detects and displays the image source. If you turn on the projector first, or have multiple pieces of connected equipment, you may have to select the image source manually (as described on page 5).

Follow these steps to plug in and turn on the projector:

1. Remove the lens cap.



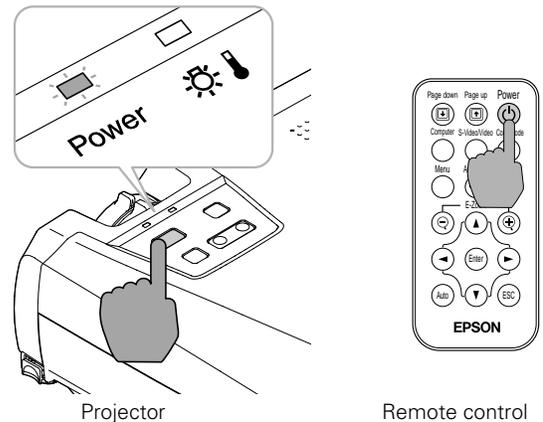
Caution

Do not use the projector with the lens cap in place. The heat generated by the lamp can damage the cap.

2. Connect one end of the power cord to the projector's power inlet. Then connect the other end to an electrical outlet.

The power light on top of the projector turns orange, indicating that the projector is receiving power but not yet turned on. Wait until the light stops flashing, but stays lit orange.

3. Press the  Power button on top of the projector or on the remote control.



The power light flashes green as the projector warms up, and the projection lamp comes on in about 30 seconds. The power light stays green.

Warning

Never look into the lens when the lamp is on. This can damage your eyes, and is especially dangerous for children.

- If you're using a computer, turn it on or restart it. In a few moments, you should see your computer display projected.
(Windows® only: If you see a message saying that it has found a plug-and-play monitor, click **Cancel**.)
- If you're projecting a video source, turn it on (if it is not already on). If you don't see the image, press the **Source** button on top of the projector or the **S-Video/Video** button on the remote control to switch to your video source. (If a component video source is connected to one of the projector's **Computer/Component Video** ports, press the **Computer** button to select the source.) Then press the **Play** button on your DVD player or other device.
- If you are prompted to enter a password, see "Starting the Projector with a Password" on page 10.

If a projected image fails to appear, see "What To Do If You See a Blank Screen" in the next column.

When you're done with your presentation, shut down the projector as described on page 7. Shutting down the projector correctly prevents premature lamp failure and possible damage from overheating.

What To Do If You See a Blank Screen

If you see a blank screen or the No Signal message after turning on your computer or video source, try the following:

- ❑ Make sure the cables are connected correctly.
- ❑ Make sure the power light is green and not flashing and the lens cover is off.
- ❑ Press the **Source** button on top of the projector to select the correct source. See page 5 for more information about selecting the image source.
- ❑ If you have connected a device to one of the projector's **Computer/Component Video** ports, check the **Input Signal** setting in the Image menu to make sure it is correct for the device.

If you're using a PC laptop:

- ❑ 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 it may be labelled **CRT/LCD**. Allow a few seconds for the projector to sync up after pressing it. Check your laptop's manual or online help for details.

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.

- ❑ Depending on your computer's video card, you might need to use the Display utility in the Control Panel to make sure that both the LCD screen and external monitor port are enabled. See your computer's documentation or online help for details.

If you're using a Macintosh laptop with OS X:

You may need to set up your system to display on the projector screen as well as the LCD screen. Follow these steps:

1. From the Apple menu, select **System Preferences**, then click **Displays**.
2. Select **VGA Display** or **Color LCD**, click **Arrange** or **Arrangement**, and make sure **Mirror Displays** is checked.

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

You may need to set up your system to display on the projector screen as well as the LCD screen. Follow these steps:

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

If the **Arrange** option isn't available, try selecting one of the Simulscan resolution settings. Click the **Monitor** icon, if necessary, and then select a **Simulscan** resolution. (Allow a few seconds for the projector to sync up after making the selection.)

Selecting the Image Source

If multiple devices are connected to the projector, you can switch between them as follows:

- ❑ On the projector, press the **Source** button until the correct device image is projected.
- ❑ On the remote control, press the **Computer1/2** button to select the device connected to the **Computer1/Component Video1** or **Computer2/Component Video2** port. For the **S-Video** or **Video** port device, press the **S-Video/Video** button.

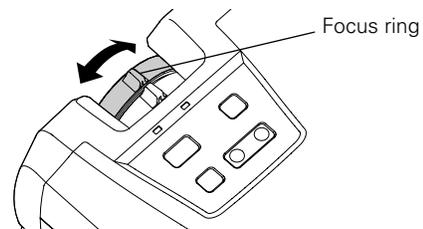
After you select a source, the screen goes dark for a moment before the image appears. The name of the selected source (such as **Computer1** or **S-Video**) appears briefly on the screen.

Adjusting the Image

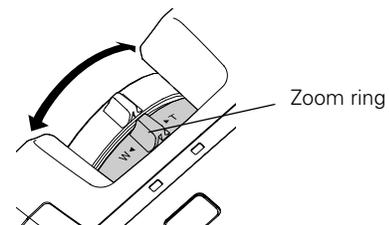
Once you see your image, you may need to make certain adjustments, as described in this section.

Focusing and Zooming Your Image

Rotate the focus ring to sharpen the image.



Rotate the zoom ring to reduce or enlarge the image.

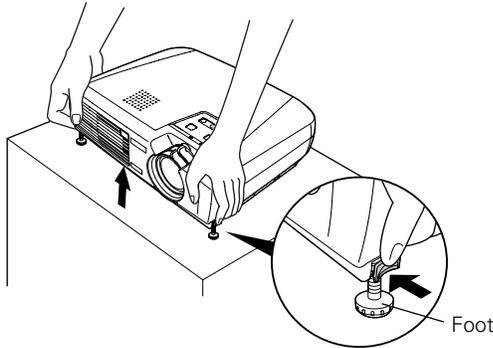


You can also change the image size by moving the projector closer to or farther away from the screen. You can use the **E-Zoom** buttons on the remote control to zoom in on a portion of the image. See page 8 for instructions.

Adjusting the Height of Your Image

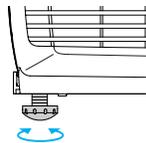
If the image is too low, you can raise it by extending the projector's feet.

1. Stand behind the projector. Press the blue foot release levers and lift the front of the projector. This unlocks the feet.



2. Once the image is positioned where you want it, release the levers to lock the feet in position.
3. To fine-tune the height of the image, rotate the projector's feet.

If the image is no longer rectangular after raising it, see the next section.

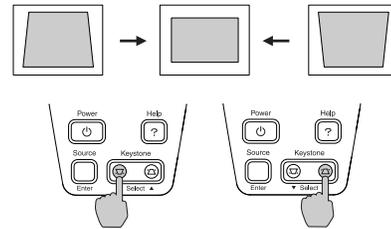


Adjusting the Image Shape

The projector automatically corrects images that are distorted when the projector is tilted up or down (up to a 15° tilt). The Keystone window appears on the screen while the projector makes the correction. If the projected image still isn't rectangular or has a "keystone" shape, do one or more of the following:

- ❑ If your image looks like or , you've placed the projector off to one side of the screen, at an angle. Move it directly in front of the center of the screen, facing the screen squarely.
- ❑ If your image looks like or , the Auto Keystone feature may have been disabled or you may need to manually adjust the keystone correction value. (Auto Keystone is not available when you're using ceiling or rear projection.) Follow the directions below:
 - ❑ To turn on Auto Keystone, press the **Menu** button on the remote control. Select the **Setting** menu, then press **Enter**. If **Auto Keystone** is **OFF**, press **▼** to highlight this option and press **Enter**. Select **ON** in the Auto Keystone window that appears and press **Enter** to save your changes. Exit the menu by pressing the **Menu** button.

- ❑ To manually adjust the keystone correction value, press the or side of the **Keystone** button on the projector to correct the shape of the image. After correction, your image will be slightly smaller.



You can also make keystone adjustments using the projector's Setting menu.

Adjusting the Brightness

The brightness of an image depends on the source you are projecting and the amount of light in the room. If the image is too bright or not bright enough, do one of the following:

- ❑ Change the **Brightness** setting in the **Image** menu.
- ❑ Select **Low** or **High** for the **Brightness Control** option in the **Advanced** menu. Low brightness mode extends the life of the lamp and decreases the fan noise.

Adjusting the Color Mode

You may want to adjust the color mode to select a different setting that is appropriate for the image you're projecting and the environment in which you're projecting it.

If you're projecting computer or RGB video images, the default color mode is **Presentation**, which is appropriate for presentations in bright rooms. For other images, the default color mode is **Dynamic**, which optimizes video images using natural colors.

The following table lists the 6 color modes available.

Color mode	Description
sRGB	Use when projecting computer images conforming to the sRGB color standard (the default setting when projecting from a computer with analog video).
Dynamic	Best for projecting movies with vivid color in bright rooms.
Presentation	Use when you're projecting a presentation in a bright room.
Theater	Use when projecting movies in a dark room.
Living Room	Best for playing video games or watching TV in a bright room.
Blackboard	Choose this fixed color mode when you need to project against a green blackboard.

To change the color mode, press the **Color Mode** button on the remote control until you see the mode you want. The currently selected setting appears in the upper right corner of the screen. You can also use the projector menu system to select the Color Mode in the Image menu.

Correcting Computer Images

If you've connected a computer and the image doesn't look right, or it doesn't fit properly on the screen, press the **Auto** button on the remote control. This automatically resets the projector's tracking, sync, resolution, and position settings. You must be projecting an image for this button to have any effect. Additionally, if the **Auto Setup** option in the Image menu is set to **OFF**, the Auto function will not work.

Sleep/Standby Mode

When the projector has not received any input signals for 30 minutes, it automatically turns off the projector lamp and enters "sleep mode." This conserves electricity, cools the projector, and extends the life of the lamp. If you are done using the projector, unplug the power cord. If you want to start projecting again, press the **Power** button.

Note

You can disable sleep mode through the Setting menu.

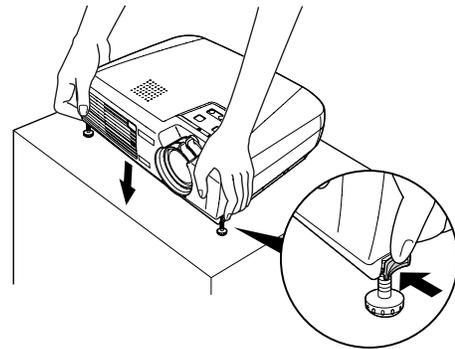
Shutting Down the Projector

When you've finished using the projector, follow the recommended procedure to shut it down. This extends the life of the lamp and protects the projector from possible overheating.

1. If you're using a computer, shut it down first.
2. To turn off the projector, press the **Power** button on the projector or remote control. You see a confirmation message. (If you don't want to turn it off, press any other button.)
3. Press the **Power** button again. The power light flashes orange for about twenty seconds as the projector cools down. When the projector has cooled, the orange light stays on and the exhaust fan shuts off.

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

4. Retract the front feet as shown.



5. Replace the lens cap and unplug the power cord.

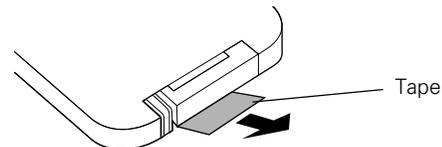
Caution

To avoid damaging the projector or lamp, never unplug the power cord when the power light is green or flashing orange.

6. If you're using a VCR or other video source, turn it off after you turn off the projector.
7. Disconnect all equipment, and store the projector in the soft case that came with it or in a protective case.

Using the Remote Control

Before using the remote control, pull out the tape from the battery tray as shown below.



When using the remote control, stand within 20 feet of the projector. Point the remote control either at the front or back of the projector or at the screen (the projector's front sensor can detect signals bounced off the screen). Press the button for the function you want to use.

Turning Off the Picture and Sound

You can use the **A/V Mute** button on the remote control to turn off the image and sound and darken your screen. This is useful if you want to temporarily re-direct your audience's attention without the distraction of a bright screen.

- To turn off the picture and sound, press the **A/V Mute** button. The screen goes dark.
- To turn the image and sound back on, press the button again.

You can create an image, such as a company logo or a picture, to display on the screen whenever you press the **A/V Mute** button. See the *User's Guide* for more information.

Stopping Action

Press the **Freeze** button to stop the action in your video or computer image and keep the current image on the screen. The sound will continue, however; and if you have connected an external monitor for simultaneous display, the action continues on the monitor even though it is paused on the screen.

Press the **Freeze** button again or press **Esc** to re-start it.

Zooming Your Image

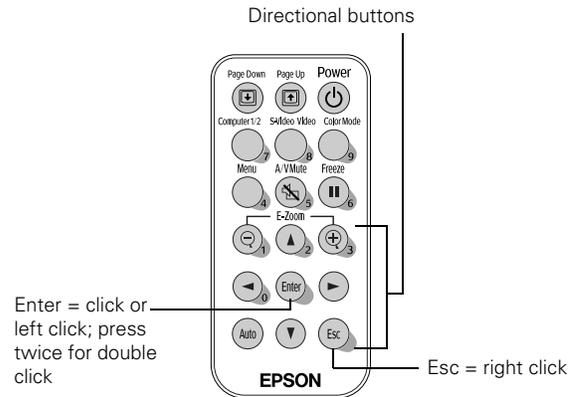
Follow these steps to zoom in on a portion of the image:

1. Press the **E-Zoom**  button on the remote control. You see a crosshair indicating the center of the zoom-in area.
2. Use the directional buttons to position the crosshair in the area you want to enlarge.
3. Continue pressing the **E-Zoom**  button to enlarge the selected area up to 4 times.
4. While the image is enlarged, you can:
 - Use the directional buttons to pan about.
 - Press the **E-Zoom**  button to zoom out.
5. When you're done, press the **Esc** button to return to the original size.

Using the Remote Control as a Wireless Mouse

When you use the remote control as a wireless mouse, you can control your computer or click through slideshow-style presentations (such as PowerPoint) from up to 20 feet away. To control your computer with the remote, make sure you have connected the USB mouse cable between the projector and your computer.

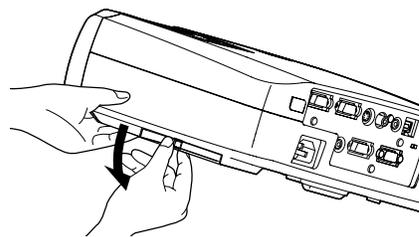
To move the mouse pointer on the screen, aim the remote at the screen and use the directional buttons to move the cursor.



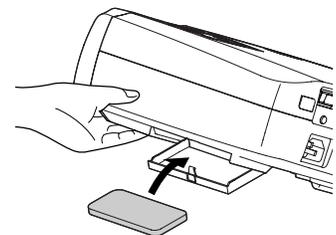
- To click (or left-click), press the **Enter** button.
- To right-click, press the **Esc** button.
- To double-click, press the **Enter** button twice.
- To click and drag, press down on the **Enter** button and use the directional buttons to move where you want to drag.
- To advance slides in a PowerPoint presentation in Slide Show mode, press the **Page up** or **Enter** button on the remote control. Press the **Page down** or **Esc** button to go back a slide.

Storing the Remote Control

Most of the projector's features can be accessed only with the remote control. To prevent losing it, store it in the projector's remote control storage compartment when you are not using it.



Open the door to the remote control tray



Place the remote inside and close the door

Replacing the Battery

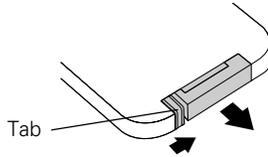
Caution

When replacing batteries, take the following precautions:

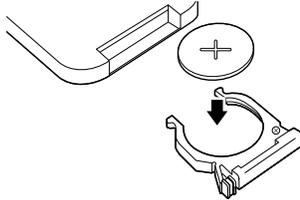
- ❑ Replace the battery as soon as it runs out. If the battery leaks, wipe away battery fluid with a soft cloth. If fluid gets on your hands, wash them immediately.
- ❑ Do not expose batteries to heat or flame.
- ❑ Dispose of used batteries according to local regulations.
- ❑ Remove the battery if you won't be using the projector for a long period of time.

Follow these steps to replace the battery:

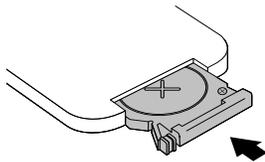
1. Press the tab towards the center of the remote and slide the battery tray out of the remote control.



2. Remove the old battery and insert a CR2025 watch battery as shown.



3. Slide the battery tray back into the remote until it clicks into place.



Using Password Protection

If you assign a password for the projector, a screen appears requesting the password whenever the projector is turned on. If the password is entered incorrectly three times in succession, the projector's operation is locked. To try again, the user needs to disconnect the projector and reconnect it. If an incorrect password is entered nine times in a row, the projector is locked and remains locked until an authorized person at EPSON can unlock it.

You can also create a user's logo for the projector, to be displayed as the startup screen and/or AV/Mute screen. Unauthorized users cannot turn it off or change it. This feature discourages theft and provides a way to identify the projector should it be stolen.

Additionally, to make sure a borrowed projector is returned, you can temporarily disable the password for a set period of time. When that time has elapsed, the password function is reactivated and the password must be entered before the projector can be used.

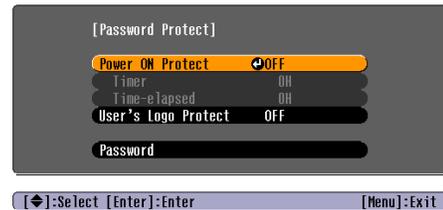
Follow the instructions below to first set the password, and then turn on the password and/or user logo protection. Be sure to set the password before you enable the feature; otherwise, you may lock yourself out of the projector.

Note

If you should happen to enable the password before you set one, and you see the prompt to enter the password, enter the default password 0000 to proceed.

Setting a Password

1. Press the **Freeze** button on the remote control for about 7 seconds, until you see the Password Protect menu:



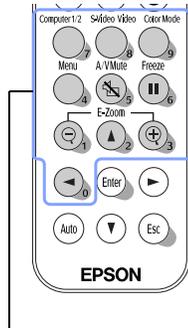
If a password has already been set, you see the Password Protect Release screen. See "Starting the Projector with a Password" in the next column.

2. Select **Password** and press **Enter**. You see the message **Change the password?**
3. Select **Yes** and press **Enter**.

4. Enter a 4-digit password using the numeric keypad on the remote control.

The password will be displayed as ****. After you enter the last digit, a confirmation screen appears. Enter the password again.

5. After you finish setting the password, press the **Esc** button to return to the Password Protect menu.



Use these buttons like a numeric keypad to enter the password

Make a note of the password and keep it in a safe place in case you forget it.

Turning On the Password and User's Logo

To enable the password and User's Logo, follow these steps:

1. Press the **Freeze** button on the remote control until you see the Password Protect menu.
2. Select **Power ON Protect** and press **Enter**.
3. Select **ON**, then press **Esc**.
4. If you want to disable the password temporarily so someone can use the projector without entering the password, select **Timer** and press **Enter**. Use the numeric keypad to enter the number of hours (from 0 to 999) you want the password feature disabled. If you want the projector to request the password every time it is turned on, set the timer to **0H**.

The timer starts counting as soon as you close the Password Protect menu. (You can check the elapsed time in this menu next to **Time elapsed**.)

When the period defined in the Time-elapsed setting has passed, and the password is entered correctly, the elapsed time will be reset to **0** and the timer will start again. So remember to disable or change this setting when you need to.

5. To enable your screen logo, select **User's Logo Protect** and press **Enter**. Select **ON** and press **Enter**.

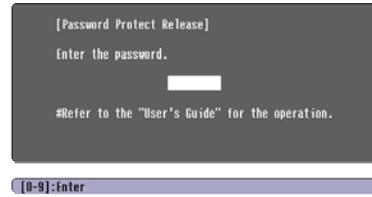
When this feature is on, the logo appears whenever the projector is turned on (if the Startup Screen is enabled) and as the A/V Mute screen (if you enabled the logo for the **Background Color** setting). None of the User's Logo features can be changed when the User's Logo Protect function is enabled.

6. Press **Menu** to close the Password Protect menu.

If you lose the remote control, you will not be able to enter the password; so keep the remote control in a safe place at all times. You can store it in the compartment under the projector. See "Storing the Remote Control" on page 8.

Starting the Projector with a Password

When the password function is enabled, you see this screen when you turn on the projector:



Use the numeric keypad buttons to enter the password. Once you have entered the password correctly, the password screen closes, and projection begins.

If the password is not correct, you see the message "Wrong password. Please try again." If you enter an incorrect password three times in succession, you see the message "The projector's operation will be locked. Request code xxxxx" and the projector switches to standby mode for approximately 5 minutes. Write down the request code. Then disconnect the projector's power cord from the electrical outlet, reconnect it, and turn the projector back on.

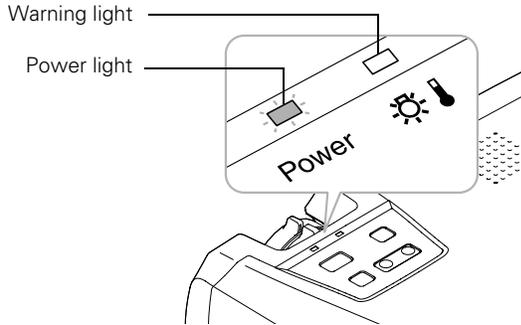
When you see the Password Protect Release screen again, you can try to enter the correct password.

If you have forgotten the password, contact EPSON with the request code number that appears in the Password Protect Release screen for assistance.

If you enter an incorrect password nine times in a row, the projector remains locked and you must contact EPSON to unlock it.

Projector Status Lights

The lights on top of the projector indicate the projector's status and let you know when a problem occurs.



Power light	Warning light	Status	Description
—	Flashing red at 1-second intervals	Internal error	There is an internal error in the projector. Turn the projector off and unplug it. Contact EPSON for help.
—	Flashing red at 0.5-second intervals	Lamp failure	The lamp is burned out or not installed correctly, or the lamp cover is open. Close the cover or replace or reseat the lamp, if necessary, as described on page 12.
—	Red	Overheating	The projector has overheated and turned itself off. Let it cool for a few minutes, then turn it back on. Make sure there is plenty of space around and under the projector for ventilation. Also clean the air filter (see page 11). If it continues to overheat, you may need to replace the air filter.
—	Flashing orange (quickly)	High temperature warning	The projector is too hot. Make sure the temperature surrounding the projector does not exceed 95 °F and there is plenty of space around and under the projector for ventilation. Clean the air filter, if necessary. See page 11 for instructions.
Orange	Off	Standby (sleep) mode	The projector is in standby or sleep mode. You can unplug it or press the  Power button to turn it on.

Power light	Warning light	Status	Description
Flashing green	Off	Warming up	The projector is warming up. Wait for the image to appear.
Green	Off	Operating	The projector is operating normally.
Flashing orange	Off	Cooling down	The projector is cooling down. Wait for the orange light to stay on without flashing before unplugging it.

Cleaning the Lens

Clean the lens whenever you notice dirt or dust on the surface.

- Use a canister of compressed air to remove dust.
- To remove dirt or smears on the lens, use lens-cleaning paper. If necessary, moisten a soft cloth with lens cleaner and gently wipe the lens surface.

Caution

Do not use glass cleaner to clean the lens.

Cleaning the Projector Case

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

- To remove dirt or dust, wipe the case with a soft, dry, lint-free cloth.
- To remove stubborn dirt or stains, moisten a soft cloth with water and a mild detergent. Then wipe the case.
- Do not use wax, alcohol, benzene, paint thinner, or other chemical detergents. These can damage the case.

Cleaning and Replacing the Air Filter

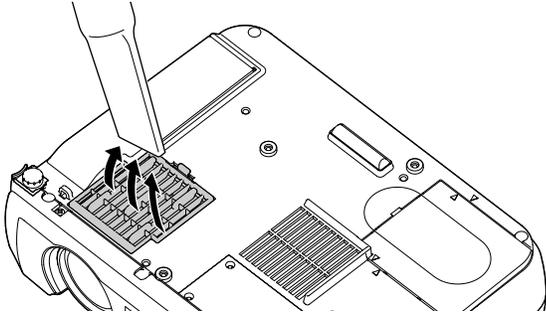
Clean the air filter on the bottom of the projector after every 100 hours of use. If it is not cleaned periodically, it can become clogged with dust, preventing proper ventilation. This can cause overheating and damage the projector. When the filter is clogged, the projector displays the message "The projector is overheated."

To clean the air filter, follow these steps:

1. Turn off the projector, allow it to cool down, and unplug the power cord.

- Turn the projector upside-down, as shown below.

To clean the filter, EPSON recommends using a small vacuum cleaner designed for computers and other office equipment. If you don't have one, gently clean the filter using a very soft brush (such as an artist's camel-hair brush).

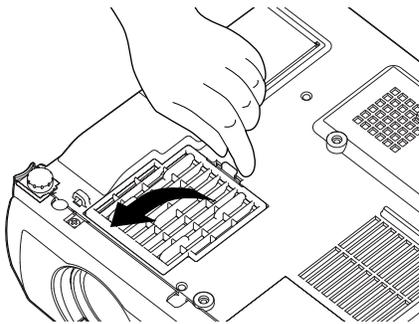


If the dirt is difficult to remove or if the filter is torn, replace it. Contact your dealer or call EPSON at (800) 873-7766 to obtain a new one. The air filter set (part number V13H134A05) contains five filters. In Canada, please call (800) 463-7766 to locate a dealer.

Note

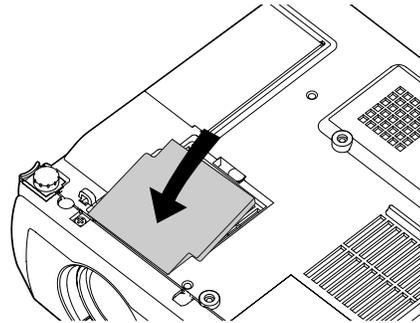
When you get a replacement lamp for your projector, a new air filter is included. You should replace the filter when you replace the lamp.

- If you need to replace the filter, lift the tab on the filter cover and pull it upward to remove it.

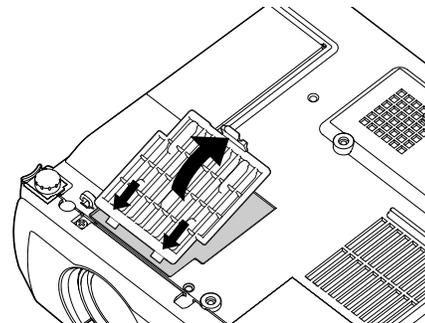


- Remove the filter.

- Install the new filter as shown below.



- Replace the filter cover by inserting the tabs and then pressing down the other end until it clicks into place.



Replacing the Lamp

The projection lamp typically lasts for about 2000 hours of use (in High brightness mode) or 3000 hours (in Low brightness mode). It is time to replace the lamp when:

- The projected image gets darker or starts to deteriorate.
- The  warning light is flashing red at 0.5-second intervals.
- The message **Lamp Replace** appears on the screen when the lamp comes on. To maintain projector brightness and image quality, replace the lamp as soon as possible.

Note

*You can check how many hours the lamp has been used in the **About** menu.*

Contact your dealer or call EPSON at (800) 873-7766 in the United States for a replacement lamp. Request part number V13H010L27. In Canada, please call (800) 463-7766 to locate a dealer.

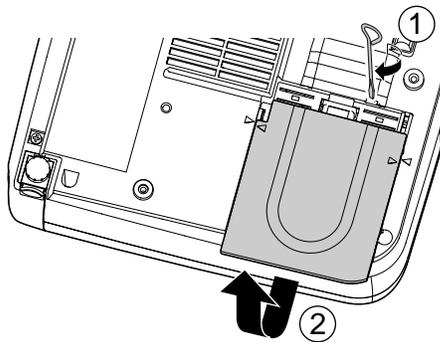
Follow these steps to replace the lamp:

1. Turn off the projector.
2. When the power light stops flashing and remains orange, unplug the power cord. If the projector has been on, allow it to cool down for at least half an hour (or until the lamp is cool).

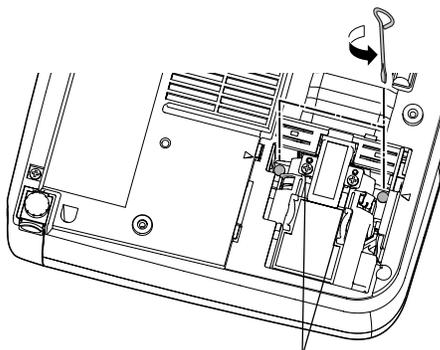
Warning

Let the lamp cool before replacing it. If the lamp breaks, handle the shards carefully to avoid injury.

3. Turn the projector upside-down to access the lamp compartment. Then use the screwdriver included with the replacement lamp to slide the edge of the lamp cover towards the side of the projector. Then lift off the cover.

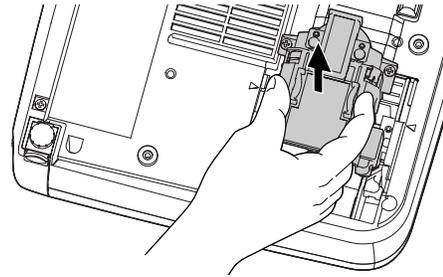


4. Use the screwdriver to loosen the two screws holding the lamp in place. The screws are deep inside the projector on the sides of the lamp. (You can't remove the screws.)



Don't remove these screws

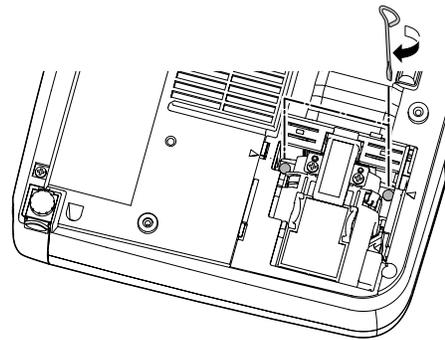
5. Hold the lamp by the top, as shown, and pull it straight out.



Warning

This product includes a lamp component that contains mercury. Please consult your state and local regulations regarding disposal or recycling. Do not put it in the trash.

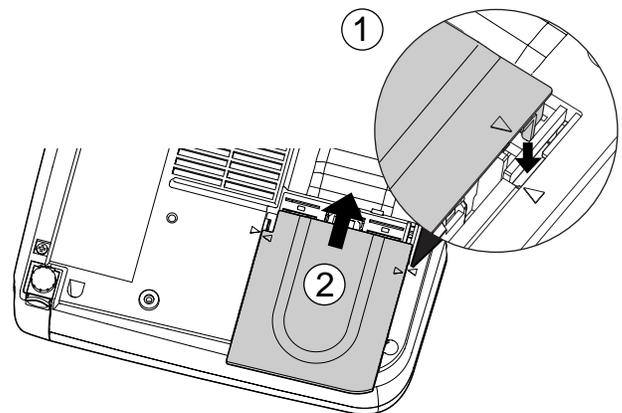
6. Gently insert the new lamp and tighten its screws.



Caution

Do not touch the glass portion of the lamp assembly. Touching the glass could result in premature lamp failure.

7. Position the lamp cover so the arrows on the lamp cover align with the arrows on the projector. Then slide in the cover until it clicks into place.



8. Reset the lamp timer as described below.

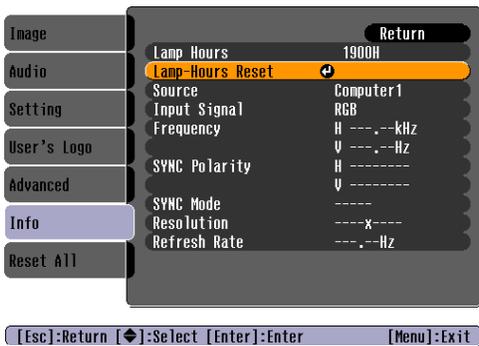
Resetting the Lamp Timer

You must reset the lamp timer after replacing the lamp to clear the Lamp Replace warning message. Follow the steps below.

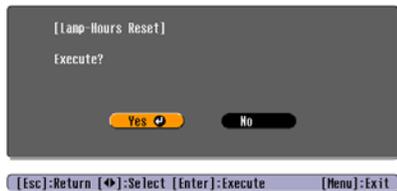
Note

Do not reset the lamp timer if you have not replaced the lamp. If you do, the Lamp Hours will not accurately reflect the number of hours that the lamp has been used.

1. Connect the power cable and turn on the projector.
2. Press the **Menu** button on the remote control and select the **Info** menu. Then press **Enter**. You see the following:



3. Press **Enter** to select the **Lamp-Hours Reset** option. You see the following:



4. Select **Yes** and press **Enter**.
5. Press **Esc** to return to the main menu or the **Menu** button to exit the menu system.

Optional Accessories

EPSON provides the following optional accessories.

Product	Product number
Replacement lamp	V13H010L27
Air filter set (includes 5 filters)	V13H134A05
Samsonite® wheeled soft case for projector and laptop Samsonite soft shoulder bag (projector/laptop) ATA molded hard-shell carrying case	ELPKS35-S ELPKS43 ELPKS45
Replacement remote control	V12H007T13
Component video cable (VGA-to-RCA)	ELPKC19
S-Video cable	ELPSV01
Macintosh adapter set	ELPAP01
50-inch portable screen	ELPSC06
60-inch portable pop-up screen	ELPSC07
80-inch portable pop-up screen	ELPSC08
High resolution document imager	ELPDC02
High resolution document camera	V12H064020
Kensington® security lock	ELPSL01
Ceiling mount	ELPMB39
False ceiling plate	ELPMBFCP
Suspension adapter	ELPMBAPL

Related Documentation

CPD-16804	EPSON PowerLite 54c/74c <i>User's Guide</i>
CPD-16808	EPSON PowerLite 54c/74c <i>Quick Setup</i>