**Projector Parts**

- Control panel
- Lamp cover
- Speaker
- Air filter (air intake vent)
- Remote control sensor
- Front adjustable feet
- Lamp cover
- Computer 1 and 2 (Component Video) ports
- Monitor Out port
- Audio Out port
- S-Video and audio ports
- Video and Audio L-R input ports
- Remote control sensor
- RS-232C serial port
- LAN port
- Rear foot
- Storage feet
- Power inlet
- Security lock port
- Handle
- Security cable slot
- Holes for attaching ceiling mount bracket
- Focus ring
- Zoom ring
- Status indicators
- Air exhaust vent

**Control Panel**

- Turns projector on and off
- Opens menu system
- Up/down arrows and keystone correction
- Cancel/exit
- Searches for source image
- Enter button automatically adjusts computer images
- Left/right arrows and Volume down/up

**Projector Specifications**

**General**

- Type of display: Poly-silicon TFT active matrix
- Size of LCD panels: Diagonal: 0.8 inch
- Resolution (native format): 1024 × 768 pixels (XGA)
- Color reproduction: 24 bit, 16.7 million colors
- Brightness: 3500 lumens (high brightness mode) or 2700 lumens (low brightness mode)
- Contrast ratio: 600:1
- Image size: 30 to 300 inches
- Projection distance: 2.7 to 48.2 feet (0.83 to 14.69 meters)
- Projection methods: Front, rear, upside-down (ceiling mount)
- Internal sound system: 5 W monaural
- Optical aspect ratio: 4:3 (horizontal:vertical)
- Zoom ratio: 1 to 1.6
- Noise level: 39 dB standard filter; 43dB smoke filter
- Keystone correction: ± 30° (vertical)

**Projection Lamp**

- Type: UHE (Ultra High Efficiency)
- Power consumption: 230 W
- Lamp life: Up to 3400 hours (high brightness mode) or 3900 hours (low brightness)
- Part number: V13H010L45
Remote Control
Range 19.7 feet (6 meters)
Batteries (2) Alkaline size AAA

Dimensions
Height 5.75 inches (146 mm) [not including feet]
Width 18.3 inches (465 mm)
Depth 13.39 inches (340 mm)
Weight 15.4 lb (7 kg)

Electrical
Rated frequency 50/60 Hz AC
Power supply 100 to 120 VAC, 3.8 A
200 to 240 VAC, 1.7 A
Power consumption Operating: 331 W
Standby: 0.4 W with Network Off,
10.4 W with Network On

Environmental
Temperature Operating: 32 to 104 °F (0 to 40 °C)
Storage: 14 to 140 °F (–10 to 60 °C)
Humidity Operating: 20 to 80% RH,
non-condensing
Storage: 10 to 90% RH,
non-condensing
Operating altitude 0 to 10,000 ft (0 to 3,048 m)

Safety
United States FCC Part 15B Class B
UL60950-1
Canada ICES-003 Class B
CSA C22.2 No. 60950-1

Compatible Video Formats
The projector supports NTSC, PAL, and SECAM international video standards, as well as the monitor display formats listed in the following table.

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, as shown in the table.

Some images are automatically resized to display in the projector’s “native” format (XGA). In addition, the frequencies of some computers may not allow images to display correctly; see your computer’s documentation for details.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Refresh Rate (Hz)</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>VGAEG</td>
<td>70</td>
<td>640 x 350*</td>
</tr>
<tr>
<td>VGA—60</td>
<td>60</td>
<td>640 x 480*</td>
</tr>
<tr>
<td>VGA—72</td>
<td>72</td>
<td>640 x 480*</td>
</tr>
<tr>
<td>VGA—75</td>
<td>75</td>
<td>640 x 480*</td>
</tr>
<tr>
<td>VGA—85</td>
<td>85</td>
<td>640 x 480*</td>
</tr>
<tr>
<td>SVGA—56</td>
<td>56</td>
<td>800 x 600*</td>
</tr>
<tr>
<td>SVGA—60</td>
<td>60</td>
<td>800 x 600*</td>
</tr>
<tr>
<td>SVGA—72</td>
<td>72</td>
<td>800 x 600*</td>
</tr>
<tr>
<td>SVGA—75</td>
<td>75</td>
<td>800 x 600*</td>
</tr>
<tr>
<td>SVGA—85</td>
<td>85</td>
<td>800 x 600*</td>
</tr>
<tr>
<td>XGA—60</td>
<td>60</td>
<td>1024 x 768</td>
</tr>
<tr>
<td>XGA—70</td>
<td>70</td>
<td>1024 x 768</td>
</tr>
<tr>
<td>XGA—75</td>
<td>75</td>
<td>1024 x 768</td>
</tr>
<tr>
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<td>85</td>
<td>1024 x 768</td>
</tr>
<tr>
<td>SXGA1—70</td>
<td>70</td>
<td>1152 x 864*</td>
</tr>
<tr>
<td>SXGA1—75</td>
<td>75</td>
<td>1152 x 864*</td>
</tr>
<tr>
<td>SXGA1—85</td>
<td>85</td>
<td>1152 x 864*</td>
</tr>
<tr>
<td>SXGA2—60</td>
<td>60</td>
<td>1280 x 960*</td>
</tr>
<tr>
<td>SXGA2—75</td>
<td>75</td>
<td>1280 x 960*</td>
</tr>
<tr>
<td>SXGA2—85</td>
<td>85</td>
<td>1280 x 960*</td>
</tr>
<tr>
<td>SXGA3—60</td>
<td>60</td>
<td>1280 x 1024*</td>
</tr>
<tr>
<td>SXGA3—75</td>
<td>75</td>
<td>1280 x 1024*</td>
</tr>
<tr>
<td>SXGA3—85</td>
<td>85</td>
<td>1280 x 1024*</td>
</tr>
<tr>
<td>UXGA—60</td>
<td>60</td>
<td>1600 x 1200*</td>
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<td>MAC13</td>
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<td>640 x 480*</td>
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<td>MAC16</td>
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<td>MAC19</td>
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<tr>
<td>MAC21</td>
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</tr>
<tr>
<td>NTSC</td>
<td>60</td>
<td>—</td>
</tr>
<tr>
<td>PAL</td>
<td>50</td>
<td>—</td>
</tr>
<tr>
<td>SECAM</td>
<td>50</td>
<td>—</td>
</tr>
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<td>720 x 480*</td>
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<tr>
<td>SDTV (576i)</td>
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<td>720 x 576*</td>
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<tr>
<td>SDTV (480p)</td>
<td>60</td>
<td>720 x 480*</td>
</tr>
<tr>
<td>SDTV (576p)</td>
<td>50</td>
<td>720 x 576*</td>
</tr>
<tr>
<td>HDTV (720p)</td>
<td>50/60</td>
<td>1280 x 720*</td>
</tr>
<tr>
<td>HDTV (1125i)</td>
<td>50/60</td>
<td>1920 x 1080*</td>
</tr>
</tbody>
</table>

*The image is resized using Epson's SizeWise™ Technology.
Positioning the Projector

Follow these guidelines to get the best results when projecting:

- Place the projector on a sturdy, level surface.
- Make sure there is plenty of space for ventilation around and under the projector. Do not set the projector on top of loose papers that could block the vent under the projector.
- Make sure the projector is within 10 feet (3 meters) of a grounded electrical outlet or extension cord.
- 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 Extended menu after you turn it on. (See the User’s Guide for instructions.)

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

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

Rear
For projecting 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. The diagram shows approximately how big your image will be (diagonally), based on where you set up the projector. Because other adjustments—such as those made with the zoom ring—also affect the size of the image, the numbers shown in the illustration should be considered as general guidelines, not exact measurements.

For more help determining the size of your image or where to position the projector, try the Image Size Calculator on the Multimedia Projectors page for your projector on Epson’s website.
Turning On 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 equipment connected, you may have to select the image source manually. See “Adjusting the Image and Presentation” on page 6.

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

1. Plug one end of the power cable into the projector, and the other end into a grounded electrical outlet.

2. Wait until the Power light stops flashing and turns orange.

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

(If this is your first time using the remote control, make sure the batteries are installed.)

Note: If the Direct Power On feature has been enabled, you don’t need to press the Power button to turn the projector on. Just plug the projector into an electrical outlet. When the Power light stays green, the projector is ready to use.

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

4. If you’ve connected a Windows-based computer to the projector, you may see a New Hardware Wizard saying your computer has found a plug-and-play monitor; if so, click Cancel.

The Power light flashes green as the projector warms up, and an image begins to appear. When the Power light stops flashing and remains green (in about 20 seconds) the projector is ready for use.
Selecting the Image Source

Selecting the image source lets you switch between images input from different pieces of equipment connected to the projector (such as a computer or DVD player).

If you don’t see the image you want, select it using the Source Search button on the projector or the Source buttons on the remote control.

The Source buttons work as follows:

- Use the Source Search button to switch between equipment connected to the Computer1, Computer2, Video, and S-Video ports.

- The remote control has four Source buttons. Use them to switch between equipment connected to the port identified on each button.

Note that the Computer1 and Computer2 ports can be set up to use different input signals (for example, Analog RGB or RGB Video)—so if you have equipment connected to one of these ports, it’s important to make sure the correct signal is selected to match the equipment you’re using. You can change the input signal settings using the projector’s menu system; see the User’s Guide for instructions.

What To Do If You See a Blank Screen

If you see a blank screen or a blue screen with the No Signal message, try the following:

- Make sure the cables are connected correctly, as described on the Quick Setup sheet and in your User’s Guide.

- Make sure the Power light is green and not flashing.

- If you’ve connected more than one computer and/or video source, you may need to press the Source Search button on the projector’s control panel or one of the Source buttons on the remote control to select the correct source. (Allow a few seconds for the image to appear after pressing the button.)

- If you’re using a PC notebook, press the function key on your keyboard that lets you display on an external monitor. It may be labelled CRT/LCD or have an icon such as . You may have to hold down the Fn key while pressing it. Allow a few seconds for the image to appear after changing the setting.

The Projector and Notebook Don’t Display the Same Image

If you’re projecting from a notebook, and you can’t see your image on the screen and on your computer at the same time, check the following for your computer system.

If you’re using a PC notebook:

- On most systems, there’s a function key that lets you toggle between the LCD screen and the projector, or display on both at the same time. It may be labelled CRT/LCD or with an icon such as . You may have to hold down the Fn key while pressing it. Allow a few seconds for the image to appear after changing the setting.

- If the function key doesn’t permit you to display simultaneously on both screens, you should check your monitor settings to make sure both the LCD screen and the external monitor port are enabled.

From the Control Panel, open the Display utility. In the Display Properties window, click the Settings tab, then click Advanced. The method for adjusting the settings varies by brand; you may need to click a Monitor tab, then make sure the external Monitor port is set as your primary display and/or enabled. See your computer’s documentation or online help for details.

If you’re using Mac 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 select Displays.
2. Make sure the VGA Display dialog box is selected.
3. Click the Arrange tab.
4. Make sure Mirror Displays is checked.
**Turning Off the Projector**

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

**Note:** When the projector has not received any input signals for 30 minutes, it automatically turns off the projection lamp and enters “sleep mode.” This conserves electricity, cools the projector, and extends the life of the lamp. If you want to start projecting again, press the **Power** button. If you are done using the projector, unplug the power cord. To turn off sleep mode, see the User’s Guide.

Turn off this product when not in use to prolong the life of the projector.

1. Turn off and disconnect any equipment plugged into the projector.
2. To turn off the projector, press the **Power** button twice.
3. When the **Power** light is steady orange, you can unplug the projector.
4. With Epson’s exclusive Instant Off® technology, there’s no cool-down period. When you’re done, just unplug the projector.

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

---

**Adjusting the Image and Presentation**

The following sections describe how to adjust the image and control your presentation.

**Focusing and Zooming Your Image**

Open the lens access door, then do the following:

- Use the **Focus** ring to sharpen the image.
- Use the **Zoom** ring to reduce or enlarge the image. Move the ring toward the **W** to increase the size, or toward the **T** to decrease it.

If the image still isn’t large enough, you may need to move the projector farther away from the screen. You can also 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 on the screen, you can use the front adjustable feet to raise it.

1. Lift the front of the projector and turn the front feet to adjust the position of the projected image.
2. If necessary, you can fine-tune the height by turning the projector’s front feet without lifting the front of the projector.

Raising the projector causes the image to become "keystone" shaped, but you can correct the distortion by pressing the $\uparrow$ or $\downarrow$ buttons on the projector as described in the next section.

**Adjusting the Image Shape**

In most cases, you can maintain a square or rectangular image by placing the projector directly in front of the center of the screen with the base of the lens level with the bottom of the screen.

If the projector is slightly tilted (within a range of 30° up or down), you can use the Keystone buttons on the projector’s control panel or the projector’s Keystone menu (see “Using Keystone Correction” on page 7) to correct vertical keystone distortion.

### Using Keystone Correction

To adjust your image when it is wider on the top or bottom, do the following:

- Press the $\uparrow$ or $\downarrow$ buttons on the projector until you are satisfied with the shape of the image.

---

Correcting Computer Images

If the projector is connected to a computer and the image doesn’t look right, press the Auto button on the remote control (or the $\leftarrow$ Enter button on the projector’s control panel). This automatically resets the projector’s tracking, sync, resolution, and position settings.

**Note:** You must be projecting an image for this button to have any effect. The Auto button works only with computer images. Make sure Auto Setup is turned on to adjust the source automatically.

If vertical stripes appear in the projected image and the Auto button doesn’t correct the problem, adjust the projector’s Tracking setting. See the User’s Guide for instructions.

If the image appears fuzzy or flickers and the Auto button doesn’t correct the problem, adjust the projector’s Sync setting. See the User’s Guide for instructions.

---

**Adjusting the Volume**

You can use the buttons on the remote control or projector to increase or decrease the volume for the projector’s built-in speaker or an external speaker system connected to the projector.

Press the $\uparrow$ button to increase the volume, or the $\downarrow$ button to decrease it.

**Note:** You can also adjust the volume using the projector’s menu system. See the User’s Guide for instructions.
Switching Between Picture Sources

If your projector is connected to more than one computer and/or video source, you can switch between the different sources:

- On the projector’s control panel, use the Source Search button to switch between equipment connected to the Computer1, Computer2, Video, and S-Video ports.
- On the remote control, use the four Source buttons to switch between equipment connected to the port identified on each button.

After you select a source, the screen goes dark for a moment before the image appears.

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. (If you’ve connected an external monitor to the projector, it will continue displaying.) This feature is useful if you want to temporarily redirect your audience’s attention without the distraction of a bright screen.

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

You can also have an image, such as a company logo, display on the screen whenever you press the A/V Mute button.

Stopping Action

You can use the remote control to stop the action in your video or computer image.

- Press the Freeze button to stop the action and keep the current image on the screen. The sound continues.
- Press the Freeze button again to restart it.

Note: This function pauses the image, but not the sound. Also, because the source continues to transmit signals, you won’t resume the action from the point you paused it.

Zooming Your Image

You can zoom in on a portion of the image using the E-Zoom buttons on the remote control.

1. Press the E-Zoom \( \oplus \) button on the remote control.
   - You see a cross-hair indicating the center of the zoom-in area.
2. Use the \( \uparrow \) pointer button to position the cross-hair.
3. Continue pressing the E-Zoom \( \ominus \) button to enlarge the selected area up to 4×.
4. While the image is enlarged, you can:
   - Use the \( \uparrow \) pointer button to pan around the image.
   - Press the E-Zoom \( \ominus \) button to zoom out.
5. When done, press the Esc button to return to the original size.

Changing the Image’s Aspect Ratio

If you’re projecting a widescreen format image, you can use the Aspect button on the remote control to change the aspect (width to height) ratio from 4:3.

You can change video images to 16:9 (widescreen format), or 16:9 (Up) or 16:9 (Down) (to accommodate subtitles or supertitles).

You can change computer images to 16:9 (widescreen format) or Normal.

Press the Aspect button again to cycle through the available options.

You can also change the aspect ratio using the projector’s Signal menu. See the User’s Guide for details.
Operating Two or More Projectors with the Remote Control

If you’re using more than one projector, you can control all the projectors—or just selected ones—by using the projector ID system. To operate a projector, you have to set the remote control’s ID to match that of the projector. Or you can control all the projectors at once by setting the remote control’s ID to zero.

Setting the Projector ID

The projector’s default ID is set to Off. This lets it respond to commands from any remote control. To change the ID, follow these steps:

1. Press the Menu button on the remote control.
2. Select Extended > Projector ID.
3. Use the pointer button to highlight the new ID, and press Enter to select it.
4. When done, press Menu to exit the menu system.

Setting the Remote Control ID

The remote control’s default ID is zero. This lets you operate any projector. To set it to operate a specific projector, follow these steps:

1. Point the remote control at the projector you want to be able to operate.

Note: If you’re using a remote control ID other than the default ID of zero, you have to set the ID each time you turn on the projector.

2. Press and hold the ID button on the remote control.
3. While holding the ID button, press a numbered button on the remote control (0 through 9) to select the desired ID. Select zero to control all projectors, or select a number to match the ID of the projector(s) you want to operate.

After setting the ID, you can check whether the remote control works with a specific projector:

1. Point the remote control at the projector you want to check.
2. Press the ID button on the remote control. You see a message on the screen like one of these:

   ![Remote Control: On](image)

   ![Remote Control: Off](image)

   If the message says the remote control is On, then you can use the remote control to operate that projector. If it says Off, then you have to change the ID of the remote control and/or projector before operation is possible.

Projector Status Lights

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

Refer to the following table for a complete description of the projector’s status lights and their meanings.
### Light Status Description

<table>
<thead>
<tr>
<th>Light Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange</td>
<td>The projector is in sleep mode. You can unplug it or press the <strong>Power</strong> button to turn it on.</td>
</tr>
<tr>
<td>Flashing green</td>
<td>The projector is warming up. Wait for the image to appear.</td>
</tr>
<tr>
<td>Green</td>
<td>The projector is operating normally.</td>
</tr>
<tr>
<td>Red</td>
<td>High Temperature Warning. Although this is not an abnormal condition, projection will stop automatically if the temperature rises too high again. Make sure there is plenty of space around and under the projector for ventilation, and that the air filter is clean.</td>
</tr>
<tr>
<td>Green Flashing orange</td>
<td>It’s time to replace the lamp. See page 13 for instructions. If you continue to use the lamp after the replacement warning, there is an increased possibility that the lamp may break.</td>
</tr>
<tr>
<td>Green Orange</td>
<td>No air filter. Make sure that the air filter is securely installed; see page 13. If the error continues when the air filter is installed, there is a problem with the air filter sensor. Stop using the projector, disconnect the power cord, and contact Epson.</td>
</tr>
<tr>
<td>Green Flashing orange</td>
<td>Low air flow. If you see a message saying that the air filter is clogged, make sure that the air filter is clean. If it is clogged, clean it or replace it with a new filter; see page 12.</td>
</tr>
<tr>
<td>Red Flashing red</td>
<td>There is a problem with the fan or temperature sensor. Stop using the projector, disconnect the power cable, and contact Epson.</td>
</tr>
</tbody>
</table>
| Red Red     | The projector is overheating, which turns the lamp off automatically. Wait until the cooling fan stops, about five minutes, then unplug the power cord. Plug the power cord back in and press the **Power** button. Make sure the room temperature is not above 95 °F (35 °C) and there is plenty of space around and under the projector for ventilation. The air filter may be clogged. Clean or replace it as described on page 12. If the projector continues to overheat after you clean the air filter, the problem may be caused by damage to the cooling fan or temperature sensor. Contact Epson for help. **Warning:** Except as specifically explained in the *User’s Guide*, do not attempt to service this product yourself. If you installed the optional Epson smoke filter in the projector, try the following:  
  ❏ If you are using the projector at a high altitude (4,900 feet [1500 meters] or higher), set High Altitude Mode to **On** in the projector’s Extended menu. (See the *User’s Guide* for instructions.)  
  ❏ You may need to set the Brightness Control to **Low** in the Settings menu. (See the *User’s Guide*.)  
  ❏ Replace the smoke filter. See page 13. If the error continues, stop using the projector, disconnect the power cable from the electrical outlet, and contact Epson. |
| Red Flashing red | The lamp may be burned out. First make sure the lamp cover is securely installed. If that’s not the problem, remove the lamp and replace it as described on page 13. If this does not resolve the problem, contact Epson. The lamp may be cracked or installed incorrectly. Check the lamp; if it is cracked, you must replace it (as described on page 13) before you can use the projector again. If checking the lamp installation and replacing the lamp does not solve the problem, contact Epson. |
| Red Flashing red | The projector is shut down automatically because of an internal problem. Remove the power cord and contact Epson for help. |


**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 19.7 feet (6 meters) away. (This distance may be shorter if the remote control batteries are low.)

If the projector does not respond to remote control commands, check the following:

- If you’re using the remote control for the first time, make sure the batteries are installed.
- The remote control’s batteries may not be installed correctly or may be low on power. To change the batteries, see “Replacing Remote Control Batteries” in the next column.
- Make sure you are within 19.7 feet (6 meters) of the projector, and within range of the projector’s front or back sensor (approximately 30° to the left or right and 15° above or below).
- Dim the room lights and turn off any fluorescent lights. Make sure the projector is not in direct sunlight. Strong lighting, especially fluorescent lights, may affect the projector’s infrared receivers. Also, turn off any nearby equipment that emits infrared energy, such as a radiant room heater.
- Make sure the projector’s remote receivers aren’t turned off in the projector’s Settings menu. (See the User’s Guide for more information.)

**Using the Navigation Buttons**

The remote control has various buttons that let you navigate the projector’s help and menu systems; they also let you use the drawing tools to highlight your presentation.

[Diagram of remote control buttons]

**Replacing Remote Control Batteries**

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

**Note:** The remote control automatically shuts off when it detects a button being pressed for more than 60 seconds. This conserves battery life. It can be helpful, for example, when the remote is in a carrying case and the Power button is accidentally pushed.

**Caution:** When replacing batteries, take the following precautions:

- Replace the batteries as soon as they run out. If a battery leaks, wipe away the 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 batteries if you won’t be using the remote control for a long period of time.

1. Press in the tab and lift to remove the battery cover.

2. Remove the old batteries, then insert the new ones as shown.
3. Replace the battery cover. Make sure 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 case with a soft, dry, lint-free cloth.
- To remove stubborn dirt or stains, moisten a soft cloth with water and a neutral detergent. Then wipe the case.

**Caution:** Do not use wax, alcohol, benzene, paint thinner, or other chemical detergents. These can damage the case.

**Cleaning the Lens Cover Glass**

Clean the lens cover glass 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 a commercially available cloth for cleaning eyeglasses.

**Caution:** Do not use glass cleaner to clean the lens; this will damage the lens coating.

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**Cleaning the Air Filter**

Clean the air filter when you see any of the following messages: The air filter is clogged. Clean or replace the air filter. or Check or Replace the air filter. Dust clogs prevent proper ventilation and can cause overheating and damage the projector.

**Note:** If you installed the optional smoke filter, follow these same instructions to clean it.

Follow these steps:

1. Turn off the projector and unplug the power cord.
2. Lift the air filter cover by pulling up the tabs.
3. 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 paint brush).

You can remove the filter to clean both sides.

**Note:** If the air filter has been stained by tobacco smoke, it cannot be cleaned. Replace the filter as described below.

4. When you have finished cleaning the air filter, close the cover and reset the timer as described on page 13.
5. If the dirt is difficult to remove or a filter is broken, replace the filter as described in the next section.
Replacing the Air Filter

Replace the air filter (or optional smoke filter) when you see the Check or Replace the air filter message. Dust clogs prevent proper ventilation and can cause overheating and damage the projector.

To obtain a replacement air filter or smoke filter, contact your Epson authorized reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online at www.epsonstore.com (U.S. sales) or www.epson.ca (Canadian sales).

Follow these steps:
1. Turn off the projector and unplug the power cord.
2. Lift the air filter cover by pulling up the tabs.
3. Remove the filter by pulling it straight out from the center.
4. Insert the new filter with the tabs facing the front of the projector.
5. Close the air filter cover.
6. Reset the air filter timer as described in the next section.

Resetting the Air Filter Timer
1. Plug the projector in and turn it on.
2. Press the Menu button on the remote control, select Reset Air Filter Time from the Reset menu, then press Enter.
3. When you see the confirmation message, select Yes, then press Enter.
4. When you’re finished, press Menu to exit the menu system.

Note: The air filter usage timer shows 0H until you’ve used the filter for at least 10 hours.

Replacing the Lamp

Although lamp life results vary depending on environmental conditions and usage, the projection lamp typically lasts about 3400 hours in high brightness mode or 3900 hours in low brightness mode. It is time to replace the lamp when:

- The projected image gets darker or starts to deteriorate.
- The message Replace the Lamp appears on the screen and when the lamp comes on and the lamp warning light flashes orange. To maintain projector brightness and image quality, replace the lamp as soon as possible.
- The lamp warning light flashes red (the lamp is burnt out).

Note: Turn off the projector when not in use to prolong the life of the projection lamp.

You can see how long the lamp has been in use by checking the Lamp Hours option in the projector’s Info menu. (See the User’s Guide for more information.)

Contact your Epson authorized reseller for a replacement lamp and request part number V13H010L45. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online at www.epsonstore.com (U.S. sales) or www.epson.ca (Canadian sales).

Follow these steps to replace the lamp:
1. Turn off the projector.
2. When the Power light stops flashing, unplug the power cord.

Warning: Let the lamp cool fully before replacing it.

In the unlikely event that the lamp has broken, small glass fragments may be present and should be removed carefully to avoid injury.

3. Let the projector cool for at least an hour (if it has been on). The lamp is extremely hot immediately after use.
4. To release the lamp cover, insert the screwdriver included with the new lamp as shown, then remove the cover.

5. Loosen the two screws holding the lamp in place (you can’t remove them).

6. Pull the lamp straight out.

7. Gently insert the new lamp.

8. Once the lamp is fully inserted, tighten its screws and replace the cover. (The projector won’t come on if the lamp cover is loose.)

9. Reset the lamp timer as described in the next section.

**Resetting the Lamp Timer**

After you replace the lamp, you need to reset the lamp timer using the projector’s menu.

1. Plug the projector in and turn it on.

2. Press the **Menu** button on the remote control, select **Reset Lamp Hours** from the Reset menu, then press **Enter**.

   **Note:** The lamp usage timer shows 0H until you’ve used the lamp for at least 10 hours.

3. When you see the confirmation message, select **Yes**, then press **Enter**.

4. When you’re finished, press **Menu** to exit the menu system.

**Transporting the Projector**

The projector contains many glass and precision parts. Follow these guidelines to prevent injury or damage:

- When hand-carrying the projector, you should use the handle to lift it only a short distance (for example, to set it on a table).

- When shipping the projector for repairs, use the original packaging material if possible. If you do not have the original packaging, use equivalent materials, placing plenty of cushioning around the projector.

- When transporting the projector a long distance, first place it in a hard-shell shipping case, and then pack it in a firm box, placing cushioning around the case.

**Note:** Epson shall not be liable for any damages incurred during transportation.
### Optional Accessories

You can purchase accessories for your projector from an Epson authorized reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online at www.epsonstore.com (U.S. sales) or www.epson.ca (Canadian sales).

<table>
<thead>
<tr>
<th>Accessory</th>
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<td>High efficiency air filter</td>
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</tr>
<tr>
<td>Smoke filter</td>
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<td>Ceiling mount</td>
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<td>Suspension adapter</td>
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<td>False ceiling plate</td>
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<td>60-inch portable pop-up screen (4:3 aspect ratio)</td>
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<tr>
<td>ELPDC05 high resolution document imager</td>
<td>V12H162020</td>
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### Related Documentation

- **CPD-24718**  
  *Epson PowerLite 6110i Quick Setup Poster*

- **CPD-24719**  
  *Epson PowerLite 6110i Installation rapide (French)*

- **CPD-24720**  
  *Epson PowerLite 6110i Guía de instalación (Spanish)*

- **CPD-24721**  
  *Epson PowerLite 6110i Guia de instalação (Portuguese)*

- **CPD-24722**  
  CD-ROM containing the *Epson PowerLite 6110i User's Guide*, in English, French, Spanish, and Portuguese

- **CPD-24723**  
  *Declaration of Conformity/Warranty Statement* in English and French