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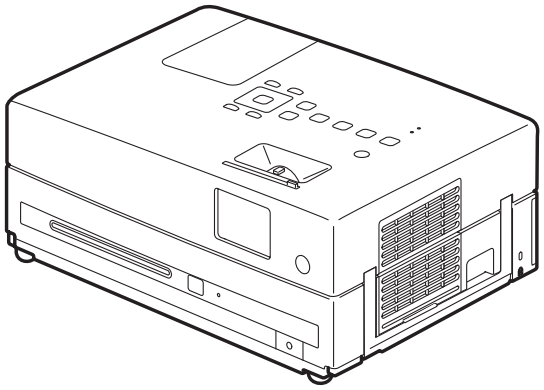

PowerLite® Presenter HD

User's Guide

3LCD

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Contents

Welcome 6

Optional Accessories 6
About This Manual 7
PowerLite Presenter HD Parts and Controls 8
Important Safety Instructions 11

Unpacking and Setting Up 15

Unpacking 15
Choosing a Location 16
Setting Up PowerLite Presenter HD 18
    Turning the Projector Off 19

Playing DVDs 20

Wall and Projection Screen Recommendations 20
    Viewing on a Projection Screen 20
    Viewing on a Wall 21
Starting a DVD 22
Adjusting the Picture 22
Adjusting the Sound 24
Controlling Playback 24
    Pausing 25
    Searching (Fast Forward or Reverse) 25
    Playing in Slow Motion 25
    Skipping 26
    Zooming In or Out 26
    Using DVD Menus 26

Temporarily Stopping Audio 26
Adjusting the Color Mode 27
Adjusting the Sound and Audio Modes 27
Listening with Headphones 28
Connecting a Microphone 29

Using PowerLite Presenter HD with Other Equipment 30

Viewing Video from External Devices 30
Connecting a USB 2.0 Device 33
Playing Projector Audio Through an External Audio System 34
Connecting a Computer or Laptop 35
Connecting to the USB Port 35
Connecting to the PC Port 37

Doing More with PowerLite Presenter HD 39

Playing Music and Viewing Photos 39
Playing Music CDs 39
Playing MP3/WMA Music or DivX Videos 40
Viewing JPEG Photos 41
Using Advanced Playback Controls 42
Repeating a Chapter, Title, Track, or File 42
Changing the Play Sequence (Program Play) 43
Selecting Language, Subtitles, and Camera Angles 44
Using the Playback Information Screen 44
Customizing PowerLite Presenter HD 45
Locking DVDs 45
Locking the Power Button on the Control Panel 46
Locking the Projector 47
Saving Power 48
Changing Language Settings 48
Adjusting Picture Quality 49

Using the Others Setup Page 49
Adjusting Dolby Audio Settings 50
Setting Video and Other Options 51
Viewing Status Information and Resetting the Lamp Timer 52

Caring for Your PowerLite Presenter HD 53

Protecting PowerLite Presenter HD 53
Cleaning the Lens 53
Cleaning the Case 54
Cleaning and Replacing the Air Filter 54
Replacing the Lamp 56
Resetting the Lamp Timer 58
Storing PowerLite Presenter HD 59
Transporting PowerLite Presenter HD 60

Problem Solving 61

What To Do When the Lights Flash 61
Solving PowerLite Presenter HD Operation Problems 63
Solving Picture and Sound Problems 64
Problems with External Video Equipment 66
Where To Get Help 68
Internet Support 68
Purchase Supplies and Accessories 69

Specifications 70

FCC Compliance Statement 76
Epson America, Inc. Limited Warranty 77

Index 80

Welcome

Your PowerLite® Presenter HD is a portable, lightweight projector with a built-in DVD player and powerful speakers. From classrooms to boardrooms, your full-color presentations and videos will be bright and vibrant even in ordinary indoor lighting. You can connect the projector to a wide range of computers and video sources, as well as USB storage devices.

PowerLite Presenter HD offers these outstanding features:

- Widescreen viewing with native WXGA (1280 × 800) resolution and a 16:10 aspect ratio
- Up to 2500 lumens of Whiter Light Output (brightness) and Color Light Output (brightness), enough for viewing in daylight
- DVD player with Dolby® Digital and DTS®
- Built-in speakers with DTS digital surround sound
- Microphone input
- HDMI® interface for connecting high-end video equipment
- Long-life bulb providing up to 5000 hours of use
- USB plug and play connectivity for quick and easy setup
- Automatic digital keystone correction and automatic color mode

Optional Accessories

Epson® provides these replacement parts and optional accessories for the PowerLite Presenter HD:

Product	Part number
Replacement lamp (ELPLP55)	V13H010L55
Replacement air filter (ELPAF26)	V13H134A26
Kensington® security lock	ELPSL01
Accolade® Duet™ Ultra Portable Projection Screen	ELPSC80
ES1000 Ultra Portable Tabletop Projection Screen	V12H002S4Y
ES3000 Ultra Portable Projector Screen	V12H002S3Y
Portable Projection Screen 50"	ELPSC06

Product	Part number
DC-11 Document Camera	V12H377020
DC-06 Document Camera	V12H321005

You can purchase these accessories from an authorized Epson reseller. To find the nearest reseller, please call Epson as described on "Where To Get Help" on page 68.

About This Manual

See the *Quick Setup* sheet to set up your PowerLite Presenter HD and start using it. This book contains information on using all the features of PowerLite Presenter HD, troubleshooting tips, and specifications.

Please follow these guidelines as you read through the manual:

Warnings: Must be followed carefully to avoid bodily injury.

Cautions: Must be observed to avoid damage to your equipment.

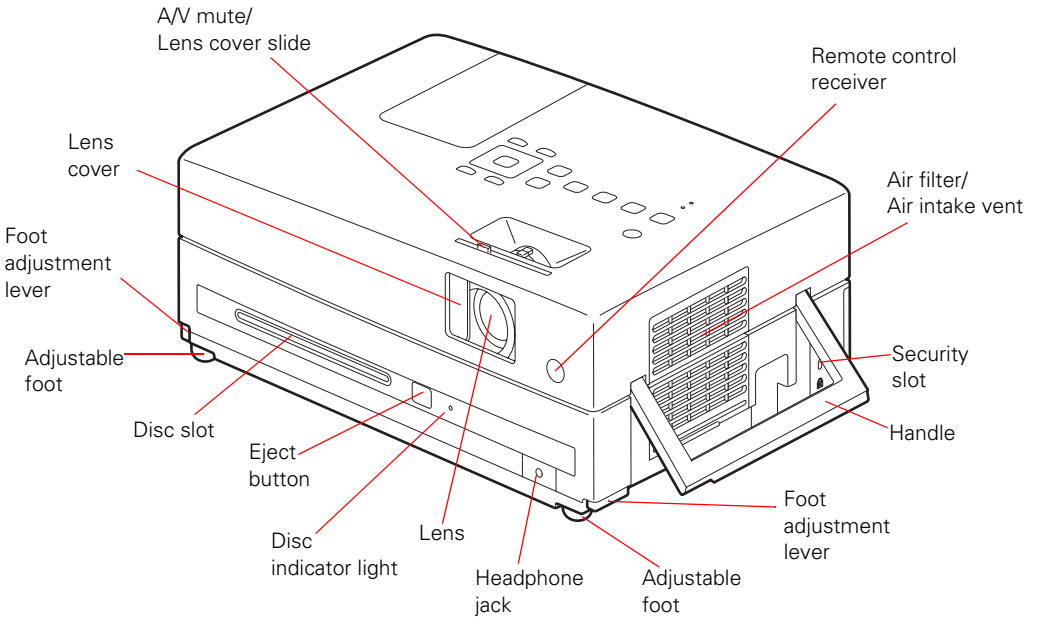
Notes: Contain important information about your equipment.

Tips: Contain helpful projection tips.

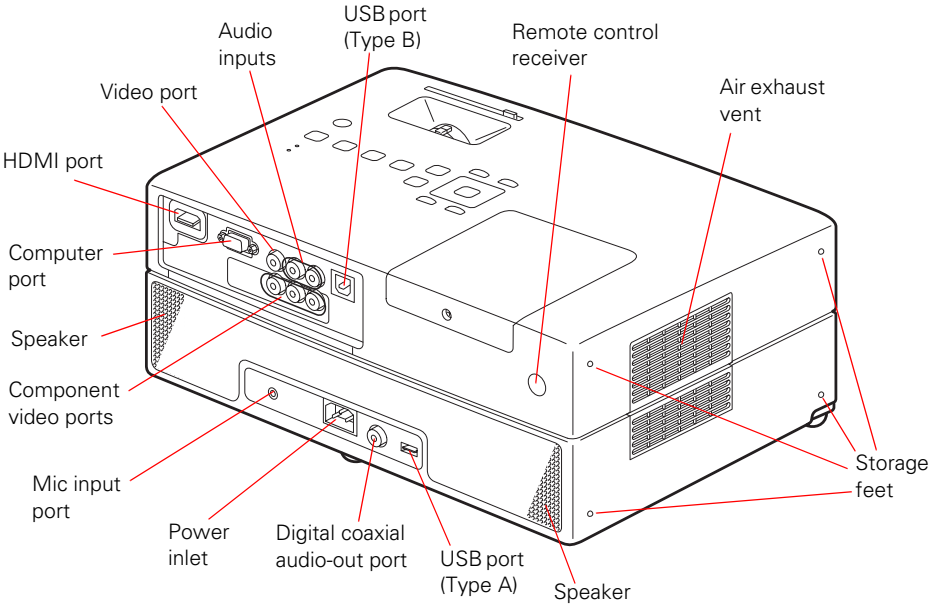
Need additional help? Take advantage of Epson's automated support services 24 hours a day at **global.latin.epson.com/Soporte** (website available in Spanish). Use this site to view FAQs or product information and e-mail Epson.

PowerLite Presenter HD Parts and Controls

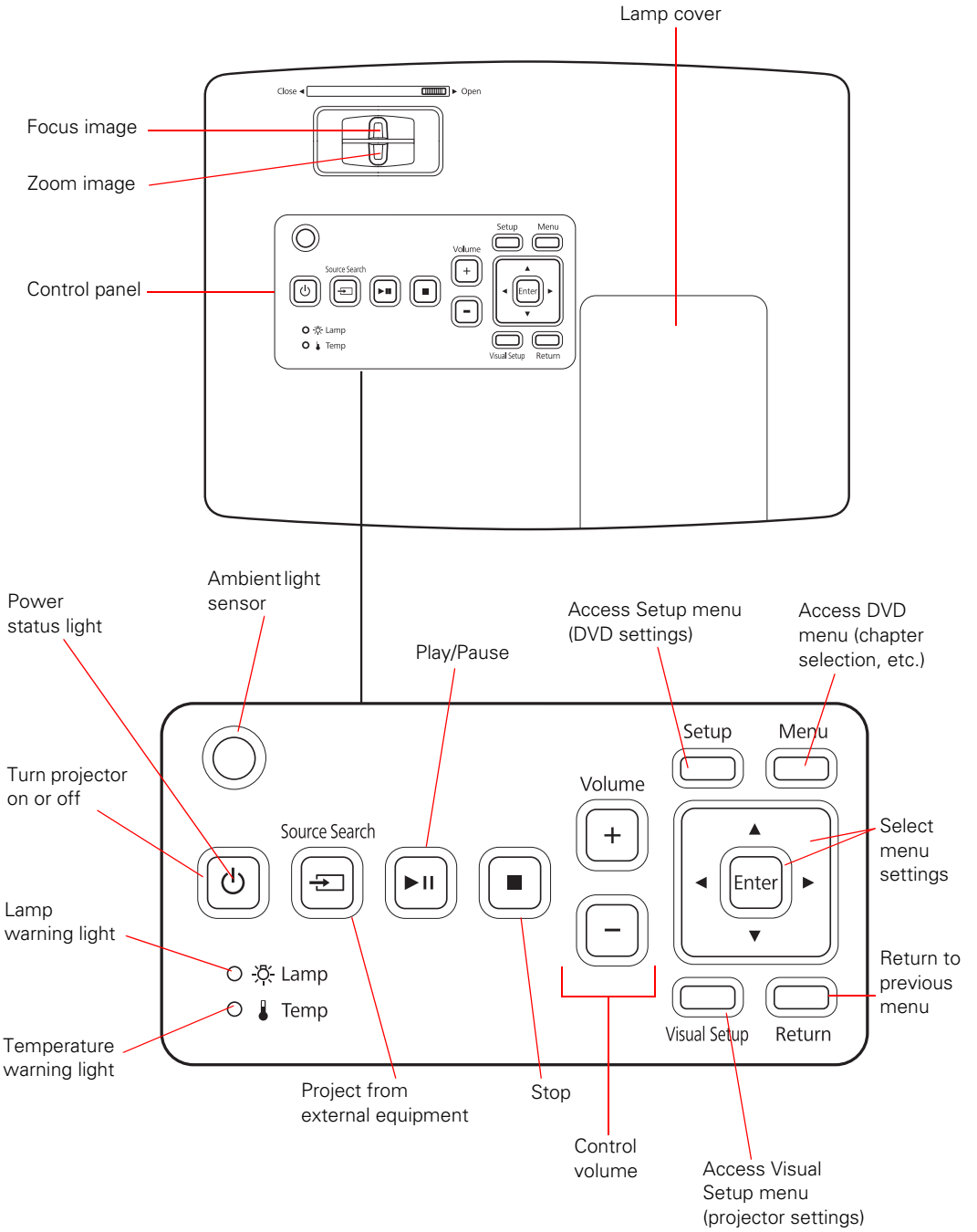
Front View



Back View

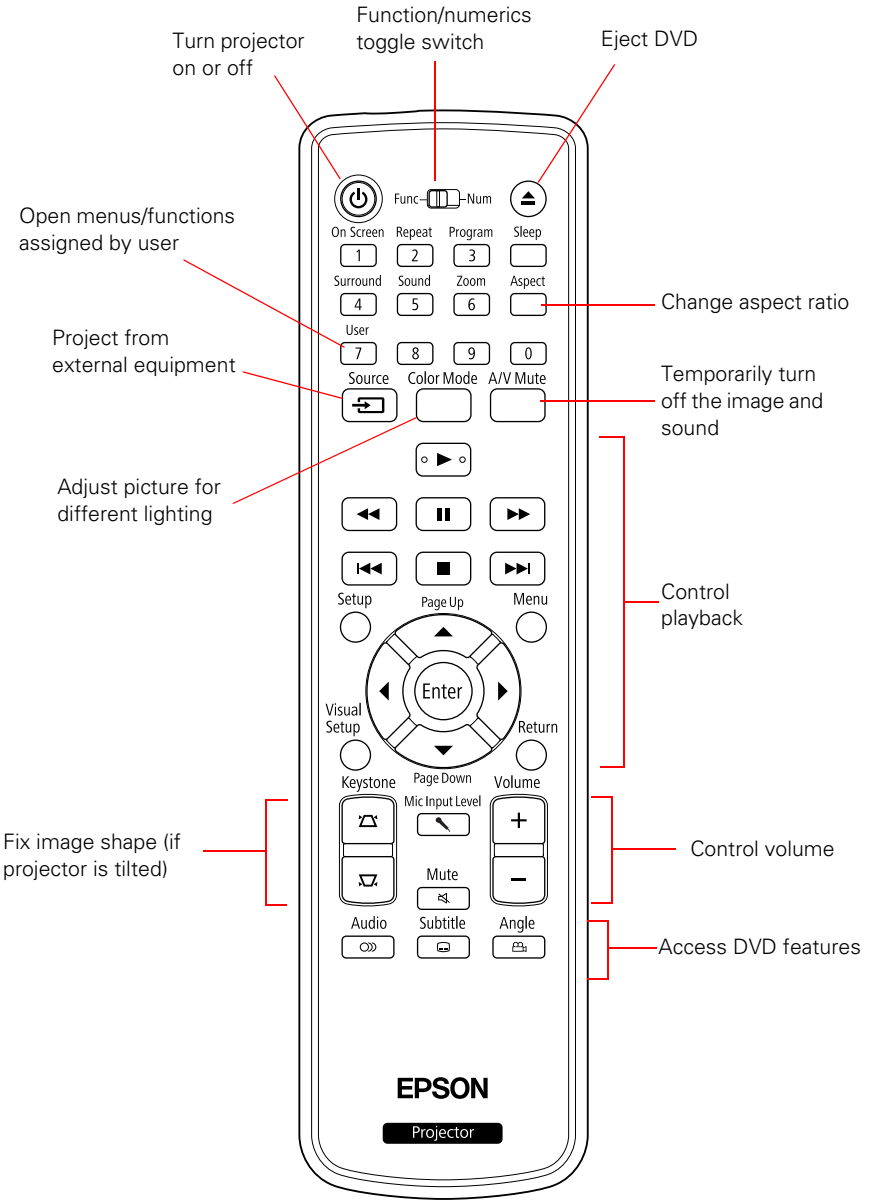


Top View


Lamp cover
Close
Open
Focus image
Zoom image
Control panel
Setup
Menu
Volume
Source Search
Enter
Lamp
Temp
Visual Setup
Return
Ambient light sensor
Power status light
Play/Pause
Access Setup menu (DVD settings)
Access DVD menu (chapter selection, etc.)
Turn projector on or off
Select menu settings
Lamp warning light
Return to previous menu
Temperature warning light
Project from external equipment
Stop
Control volume
Access Visual Setup menu (projector settings)

Remote Control

Note: The remote control buttons can glow in the dark. Expose the remote control to light for several minutes before using it in the dark.



Important Safety Instructions

Follow these safety instructions when setting up and using your PowerLite Presenter HD:

- Except as specifically explained in this *User's Guide*, do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- Never open any cover on the projector, except the lamp and filter covers. Dangerous electrical voltages inside the projector can severely injure you.
- The projector's accessories come packaged in plastic bags. Keep plastic bags away from small children to avoid any risk of suffocation.
- Never look into the projector lens when the lamp is turned on; the bright light can damage your eyes. Never let children or pets look into the lens when it is on.
- Don't place the projector on an unstable cart, stand, or table. Also, don't stand on the projector or place heavy objects on it.
- Never push objects through the cabinet slots or spill liquid into the projector.
- Do not use the projector near water, or sources of heat or vibration. Do not expose it to rain or moisture.
- Do not move the unit during playback.
- Do not touch the projection lens with bare hands.
- Use a damp cloth for cleaning. Do not use liquid or aerosol cleaners. Do not use solvents such as alcohol, thinner, or benzine. Unplug the projector from the wall outlet before cleaning.
- Do not use the projector in places where flammable gases or explosive gases may be present in the atmosphere.
- Do not use the projector in places where there is excessive humidity or dust, near cooking or heating appliances, or in places where it may come into contact with smoke or steam. Do not use or store the projector outdoors for an extended length of time.
- Never try to remove the lamp immediately after use. Doing so will result in serious burns. Before removing the lamp, turn off the projector and wait approximately one hour for the lamp to cool completely.
- The lamp is fragile and can easily break. If the lamp breaks, handle the projector with extreme care to avoid injury from broken glass, and contact Epson to replace the lamp.
- Do not use the lamp after the lamp replacement period has elapsed, because the possibility of lamp breakage increases. When the lamp replacement message appears, replace the lamp with a new one as soon as possible.

- ㊿ The lamp(s) in this product contain mercury. Please consult your state and local regulations regarding disposal or recycling. Do not put in the trash.
- The lamp in this projector is under high internal pressure and may make a loud noise if it breaks. If it breaks, ventilate the room to prevent mercury gas inside the lamp from being inhaled or coming into contact with the eyes or mouth.
- Do not bring your face close to the projector while it is in use, to prevent burns from hot air leaving the exhaust vent, and to prevent inhaling or contact with the gases inside the lamp if it breaks.
- Do not place anything that can become warped or damaged by heat near the air exhaust vents.
- Do not place the projector near a flame.
- Before you move the projector, make sure it is turned off, the plug is disconnected from the outlet, and all cables are disconnected.
- If the lamp breaks and gas from the lamp or fragments of broken glass are inhaled or get into the eyes or mouth, or if any other ill effects are noticed, immediately seek medical advice.
- Do not disassemble or damage the lamp or subject it to any impacts.
- Use the type of power source indicated on the projector. If you're not sure of the power available, consult the power company.
- If you use the projector in a country other than where you purchased it, use the correct power cord for that country.
- Place the projector near a wall outlet where the plug can be easily unplugged.
- Don't place the projector where the cord can be walked on. This may result in fraying or damage to the plug.
- Do not bend, twist, or pull the power cable excessively, and do not place heavy objects on top of the power cable.
- Do not modify the power cable.
- Keep the power cable away from hot electrical appliances.
- Do not pull the power cable when disconnecting the plug. Always be sure to hold the plug when disconnecting it.
- Don't insert the plug into an outlet with dust present, and insert the plug firmly into the outlet. Failure to do so could result in sparks or fire.
- Don't handle the plug with wet hands.

- Don't overload wall outlets, extension cords, or integral convenience receptacles. This can cause fire or electric shock.
- Unplug the projector from the wall outlet and refer servicing to qualified service personnel under the following conditions: when the power cord or plug is damaged or frayed; if liquid has been spilled into the projector, or if it has been exposed to rain, water, or excessive humidity; if smoke, unusual smells, or unusual noises come from the projector; if it doesn't operate normally when you follow the operating instructions, or if it exhibits a distinct change in performance, indicating a need for service; if it has been dropped or the housing has been damaged.
- If there is an electrical storm, do not touch the power plug, otherwise you may receive an electric shock.
- Keep the projector unplugged during electrical storms and when the projector is not in use for extended periods.
- Keep the batteries for the remote control out of the reach of children. Batteries are choking hazards and can be very dangerous if swallowed. If they are swallowed, seek medical attention immediately.
- Replace the batteries as soon as they run out.
- Do not expose batteries to heat or flame and do not put them in water.
- Dispose of used batteries according to local regulations.
- Remove the batteries if you won't be using the projector for an extended period.
- Insert batteries so that the polarities are correct, and do not mix new and old batteries.
- Do not use batteries other than those specified in this *User's Guide*.
- Don't block the slots and openings in the projector case. They provide ventilation and prevent the projector from overheating. Don't operate the projector on a sofa, rug, or other soft surface, or in a closed-in cabinet unless proper ventilation is provided.
- Don't leave the projector or remote control on top of heat-producing equipment or in a heated place, such as a car.
- Don't use the projector outside of the required temperature range (41 to 95 °F [5 to 35 °C]). Doing so may cause an unstable display and could lead to projector damage.
- Don't store the projector outside of the required temperature range (14 to 140 °F [–10 to 60 °C]) or in direct sunlight for long periods of time. Doing so may cause damage to the case.
- Make sure there is at least 8 inches (20 cm) of space between the exhaust ventilation slots and the wall or other object.

- Make sure there is at least 4 inches (10 cm) of space between the intake ventilation slots and the wall or other object.
- Avoid projecting a high-contrast still image for more than 15 minutes to prevent burn-in. If this happens, project a bright screen until the burn-in disappears (from 30 to 60 minutes). If you can't eliminate the burn-in, contact Epson as described on page 68.
- Do not turn the volume too high, especially when using headphones. Listening to high volume sounds over an extended period can damage your hearing. Sudden high volume can also damage the speakers.

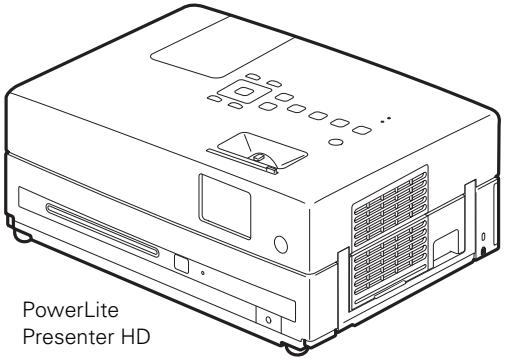
WARNING: The cords included with this product contain chemicals, including lead, known to the State of California to cause birth defects or other reproductive harm. ***Wash hands after handling.*** (This notice is provided in accordance with Proposition 65 in Cal. Health & Safety Code § 25249.5 and following.)

Unpacking and Setting Up

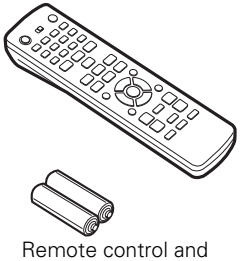
Follow these instructions to unpack your projector, choose a location, and set up your projector.

Unpacking

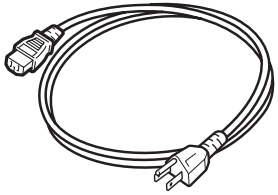
Make sure you have all the parts shown here:



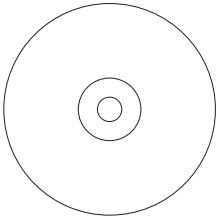
PowerLite
Presenter HD



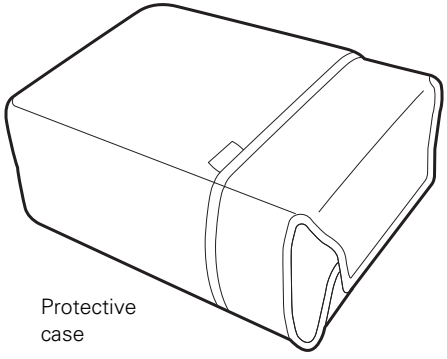
Remote control and
2 AA Batteries



Power cord



CD with *User's Guide*

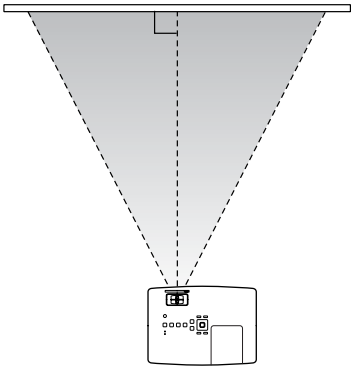


Protective
case

Choosing a Location

You can use your PowerLite Presenter HD just about anywhere—in the classroom or conference room, on a tabletop, desktop, or cart.

Your projector should be directly in front of the screen, facing straight ahead (at a 90-degree angle to the surface).



If the image is too low, you can raise it by extending the feet and tilting the projector up. This causes the image to lose its rectangular shape, but the projector will correct it automatically. If necessary, you can adjust the shape using the keystone buttons on the remote control or the Visual Setup menu. See page 23 for instructions.

The farther you place the projector from the screen, the larger the image will be.

The following tables list the distances required for various image sizes (measured diagonally). Note that the zoom adjustment also affects image size.

Wide screen aspect ratio (16:10)

Image size (diagonal)	Projection distance
33 in.	3.0 to 3.6 ft. (0.91 to 1.1 meters)
40 in.	3.6 to 4.4 ft. (1.1 to 1.3 meters)
50 in.	4.6 to 5.5 ft. (1.4 to 1.7 meters)
60 in.	5.5 to 6.6 ft. (1.7 to 2.0 meters)
80 in.	7.4 to 8.9 ft. (2.3 to 2.7 meters)
100 in.	9.2 to 11.1 ft. (2.8 to 3.4 meters)
120 in.	11.1 to 13.4 ft. (3.4 to 4.1 meters)
150 in.	13.9 to 16.7 ft. (4.2 to 5.1 meters)
200 in.	18.6 to 22.3 ft. (5.7 to 6.8 meters)

Standard aspect ratio (4:3)

Image size (diagonal)	Projection distance
30 in.	3.1 to 3.7 ft. (0.9 to 1.1 meters)
40 in.	4.1 to 5 ft. (1.3 to 1.5 meters)
50 in.	5.2 to 6.2 ft. (1.6 to 1.9 meters)
60 in.	6.2 to 7.5 ft. (1.9 to 2.3 meters)
80 in.	8.4 to 10 ft. (2.6 to 3.1 meters)
100 in.	10.5 to 12.6 ft. (3.2 to 3.8 meters)
120 in.	12.5 to 15.1 ft. (3.4 to 4.6 meters)
150 in.	15.7 to 18.9 ft. (4.8 to 5.8 meters)
200 in.	21 to 25.3 ft. (6.4 to 7.7 meters)

Wide screen aspect ratio (16:9)

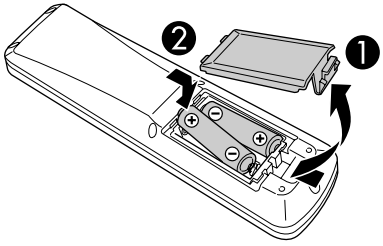
Image size (diagonal)	Projection distance
32 in.	3 to 3.6 ft. (0.9 to 1.1 meters)
40 in.	3.7 to 4.5 ft. (1.1 to 1.4 meters)
50 in.	4.7 to 5.7 ft. (1.4 to 1.7 meters)
60 in.	5.7 to 6.8 ft. (1.7 to 2.1 meters)
80 in.	7.6 to 9.1 ft. (2.3 to 2.8 meters)
100 in.	9.5 to 11.4 ft. (2.9 to 3.5 meters)
120 in.	11.4 to 13.7 ft. (3.5 to 4.2 meters)
150 in.	14.3 to 17.2 ft. (4.4 to 5.2 meters)
200 in.	19.1 to 22.9 ft. (5.8 to 7 meters)

When setting up the projector, keep these considerations in mind:

- Make sure you don't block the air vents on the sides.
- Make sure you place the projector within 9 feet (2.7 meters) of an electrical outlet, power strip, or extension cord.
- Do not tilt the projector more than 10 degrees while playing CDs or DVDs.

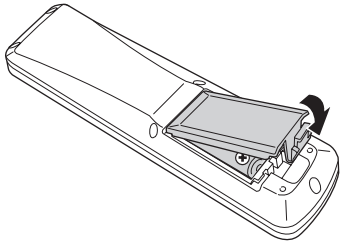
Setting Up PowerLite Presenter HD

1. If you have a screen, set it up following the instructions included with the screen. Make sure you read all the instructions to avoid damaging the screen.
2. Put the batteries in the remote control.



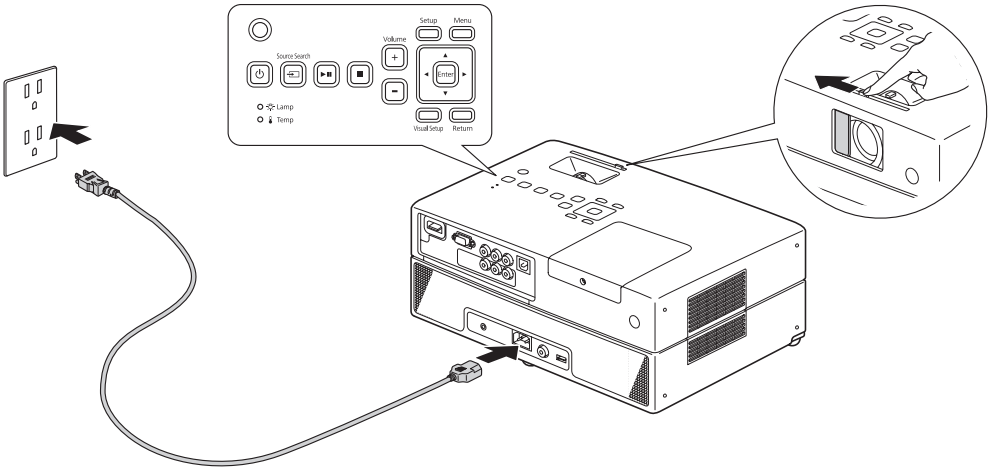
Note: Use only AA-size alkaline or manganese dry batteries.

3. Reattach the battery cover.



4. Expose the remote control to bright light for several minutes before using it in the dark. The buttons will glow in the dark briefly.

5. Open the lens cover, then connect the power cord and plug in the projector. The ⏻ light turns orange.



Once you've finished setting up the projector, do one of the following:

- If you would like to play a DVD, see "Playing DVDs" on page 20.
- If you would like to connect other equipment to the projector, see"Using PowerLite Presenter HD with Other Equipment" on page 30.

Turning the Projector Off

1. If there is a disc inside the projector, eject it.
2. Press the ⏻ button on the projector or the ⏻ on the remote control. The projector will beep twice when it is finished powering off.

   Warning: Do not disconnect the power cable before the projector beeps, or you may damage the projector.
3. Close the lens cover.

Playing DVDs

Follow the instructions in this section to play a DVD and control playback.

Wall and Projection Screen Recommendations

To optimize viewing of projector images, follow the recommendations in this section.

Viewing on a Projection Screen

If you don't have a suitable wall or want a professional quality viewing experience, you can use a projection screen. These screens have optical coatings with special reflective properties that enhance brightness, contrast, and sharpness as well as providing a frame around the image.

Projection screens are available in many shapes, sizes, mounting styles, colors, and surface qualities, as described below.

Considering Screen Shape and Size

Standard screens have a 4:3 shape ratio, which is better suited for viewing computer presentations and standard TV broadcasts. Watching DVD movies or HDTV broadcasts on a 4:3 ratio screen limits the image width and leaves unused screen area above and below the image. Available screen sizes vary, but are usually up to 60 inches (152 cm) diagonal (the same height as an 80-inch [203-cm] diagonal 16:9 screen).

Considering Screen Mounting Style

Most screens are either floor-standing, wall-mounted, or ceiling-mounted. Consider these characteristics as you choose which type would be best for your viewing environment:

Screen mounting style	Characteristics
Floor-standing screens	Portable Can be used in multiple locations Can be stored out of the way Some may also be wall-mountable

Screen mounting style	Characteristics
Wall-mounted screens	Typically permanently installed Can be partially hidden out of the way Some may be disguised as artwork
Ceiling-mounted screens	Typically permanently installed Can be partially hidden out of the way Some may be recessed into the ceiling and hidden completely Can be manually or electronically dropped and raised
Outdoor screens	Resistant to outdoor environmental factors Can be used on patios, and around pools and landscaping Usually made of inflatable plastic or vinyl

Viewing on a Wall

You can easily view your PowerLite projector's high quality images on any flat white wall. There is no cost or setup involved, and you can project and resize the image up to any size that fits on your wall. To enhance the image quality even further, you may want to paint the wall with projection paint that is specially designed for optimum reflectivity and contrast in your viewing environment.

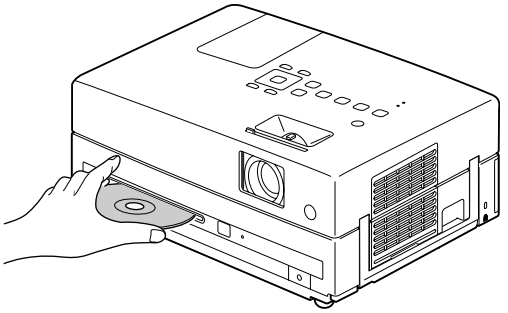
Considering Surface Quality

Screen surface quality can also affect the reflectivity of light in your projected image. Screen reflective properties are measured as "gain" rates, with 1.0 gain as the reflectivity of a white board. Highly reflective screen surfaces (above 1.0 gain) create a brighter image, but the brightness may not be uniform enough for a dedicated home theater environment and the colors may appear to shift from different viewing angles.

In a room with darkened surroundings and controlled lighting, a screen surface with less than 1.0 gain is best. For rooms where you cannot control the light or will always have ambient light, you may want to select a screen surface with more than 1.0 gain to compensate for the additional brightness.

Starting a DVD

Insert your DVD into the slot.



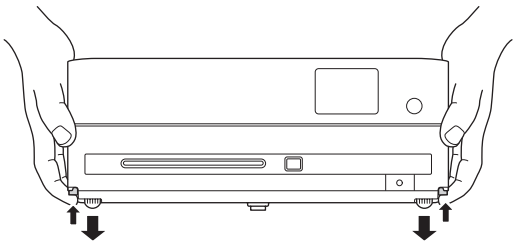
Warning: Close the lens cover before inserting or ejecting a disc. When the picture appears, do not look into the lens, and do not allow children or pets to look into the lens. The bright light may affect your vision.

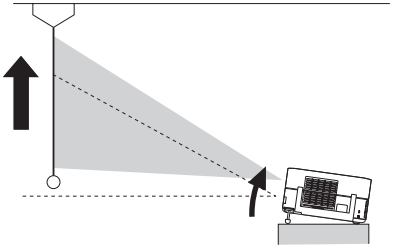
After about 30 seconds, the projector warms up and the picture comes on.

Adjusting the Picture

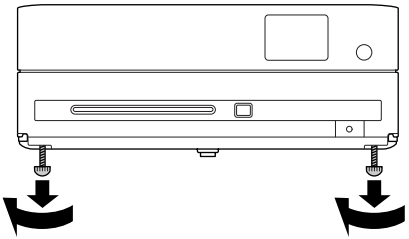
After you set up and start the projector, you may need to make certain adjustments.

- If the image is too low, you can extend the feet (by pressing the foot adjustment levers) and tilt the projector up.

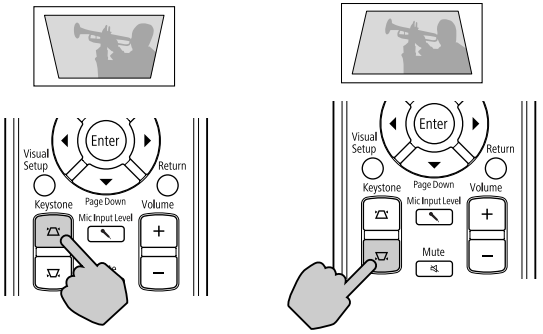




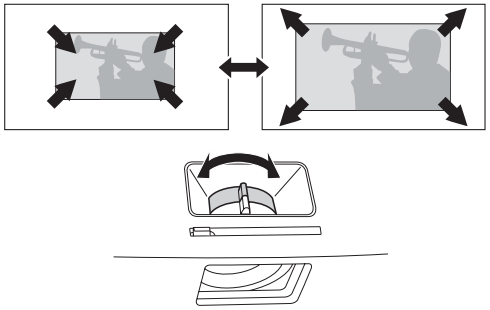
- If the image is horizontally tilted, you can turn the feet to level it.



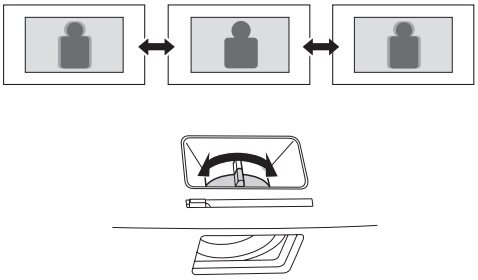
- Your projector automatically detects the vertical tilt and corrects the image shape. If you find that the image is not rectangular, however, use the Keystone buttons on the remote control or the Keystone setting in the Signal menu (see page 51) to adjust the image shape.



- Use the zoom ring to adjust the image size.



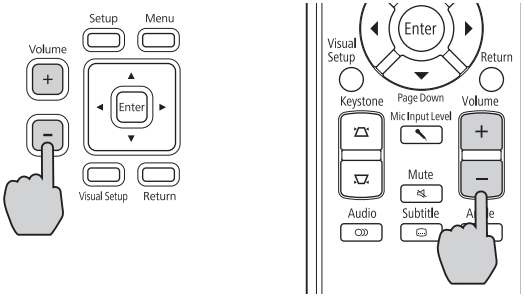
■ Rotate the focus ring to sharpen the picture.



■ To enlarge or reduce the aspect ratio of the picture, press the Aspect button on the remote control to select Normal, 16:9, or Zoom (if available for the video source you're using).

Adjusting the Sound

To adjust the volume, use the + or – Volume buttons on the control panel or remote control.



You can also press the Mute button on the remote control to temporarily turn off the sound.

Controlling Playback

You can use the buttons on the remote control or the control panel to pause, fast-forward, or replay sections of your video or audio. You can also select items on a DVD menu by using the remote control.

Note: DVD movies are divided into units called titles. Each title may contain any number of chapters. Music CDs and video CDs are divided into tracks.

Some features may not be available depending on your media or file type.

Pausing

There are three ways to pause a DVD or audio track:

- To pause a movie, or a music CD or MP3 player track, press ⏸ on the remote control or ⏯ on the control panel.

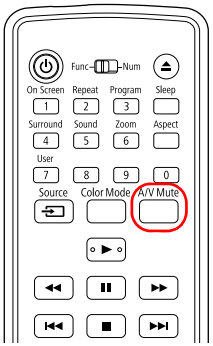
  To resume, press ▶ on the remote control or ⏯ on the control panel.

- To pause a movie and display the Epson logo, press ■ on the remote control or control panel.

  To resume, press ▶ on the remote control or ⏯ on the control panel.

- To temporarily turn off the image and sound, press A/V Mute on the remote control. Press the button again to resume your DVD or presentation.

  Note: After 5 minutes in A/V Mute mode, the lamp turns off and the screen darkens. After 30 minutes, the power shuts off, and you need to press the ⏻ button to turn it on again.

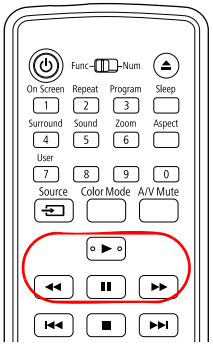


Searching (Fast Forward or Reverse)

- To move forward or backward through a video or music CD, press ⏩ or ⏪ on the remote control.

  Each time you press the button, the search (or "shuttle") speed increases.

- To return to normal play, press ▶.



Playing in Slow Motion

You can play a video frame by frame or in slow motion ("jog control").

1. Press ⏸ on the remote control.
2. Press ⏸ repeatedly to advance the video frame by frame.
3. Press ⏩ or ⏪ to move forward or backward in slow motion. Each time you press the button, the speed decreases.
4. Press ▶ to return to normal play.

Skipping

- To skip to the next chapter or track, press ⏭ on the remote control.
- To return to the start of the current chapter or track, press ⏮ on the remote control.

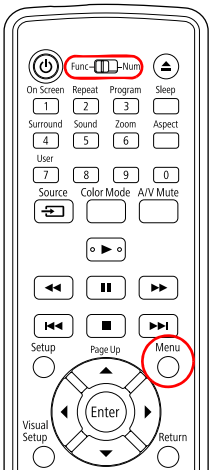
Zooming In or Out

- Press Zoom 6 to zoom in the image. (Make sure the toggle switch on the remote control is set to the Func- position.)
- Continue pressing Zoom 6 to zoom in or out. Use the ▶, ◀, ▲, and ▼ buttons to pan around the image if necessary.

Using DVD Menus

Many DVDs display a top menu at startup and include submenus that let you select chapters.

- To display a menu, press Menu (press the button for about 3 seconds to display the top menu).
- To select items in a menu, press ▶, ◀, ▲, or ▼. Then press Enter if necessary.



You can also select a title or chapter by number.

- If you want to use the numeric buttons, you need to set the toggle switch on the remote control to the -Num position.
- After you set the toggle switch, you can simply press the numeric button for the numbers 1 through 9.
- To enter the number 10, press 1, then 0.
- To enter the number 15, press 1, then 5.
- To enter the number 20, press 2, then 0.
- After entering your number, you may need to press the Enter button.

Temporarily Stopping Audio

To temporarily stop the soundtrack (from the built-in speakers or headphones), press Mute. The video continues to play.

Press Mute again to resume.

Adjusting the Color Mode

You can select a color mode to optimize picture quality based on the lighting conditions in the room.

1. Press Color Mode. The currently selected color mode is displayed on the screen.
2. Press Color Mode repeatedly until the desired color mode appears. After a few seconds, the color mode name disappears and the picture quality changes.

   You can select from the following color modes:

   - Auto: Selects the best mode for your surroundings.
   - Dynamic: Use in rooms with bright light.
   - Presentation: Use for making color presentations in a bright room.
   - Theatre: Use in completely darkened rooms.
   - Blackboard: Use to project accurate colors on a green chalkboard (adjusts the white point).

Note: Fan speed varies depending on the selected color mode. This is normal.

Adjusting the Sound and Audio Modes

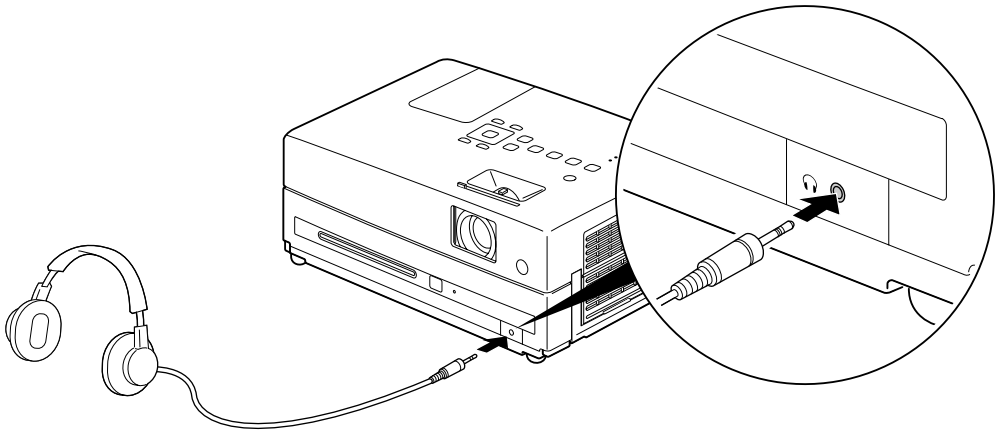
You can switch between stereo sound and virtual surround sound and select from several audio modes, depending on the type of movie (or music) you're playing.

1. To display the sound mode, press the Surround 4 button on the remote control. You see the current setting displayed on the screen.
2. To switch between Stereo and Multi (virtual surround sound), press Surround 4 again.
3. To change the audio mode, press Sound 5. You see the current setting displayed on the screen.
4. Continue pressing Sound 5 to select the mode you want: Concert, Drama, Action, or Standard.

   For audio CDs, the modes are: Classic, Jazz, Rock, and Digital.

Listening with Headphones

Connect headphones as shown below:



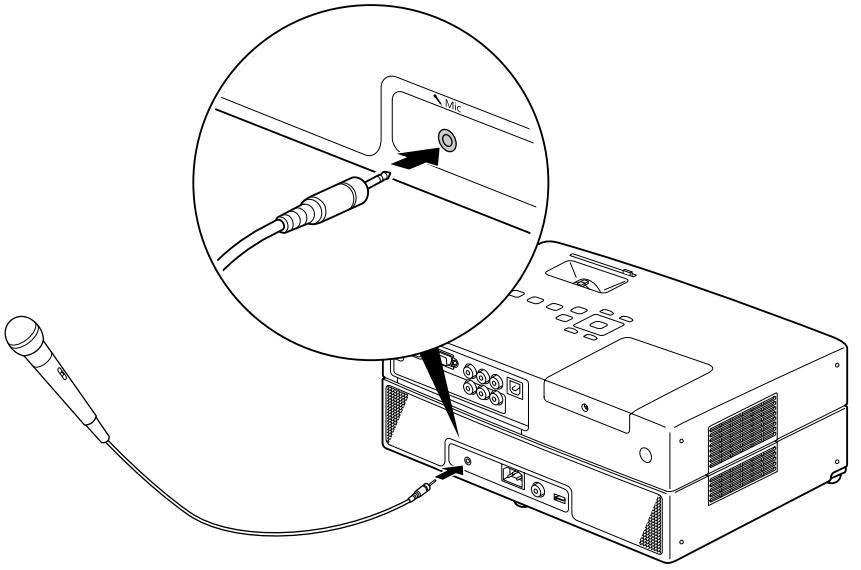
After you connect headphones, you no longer hear any sound from the built-in speakers. However, you can still adjust the volume to the headphones using the projector's volume controls on the control panel or remote control.

Warning: Make sure the volume is not set too high, especially when you first plug in the headphones. Listening to high volume sounds over an extended period can damage your hearing. Sudden high volume can also damage your hearing or your headphones.

Do not look into the lens, and do not allow children or pets to look into the lens. The bright light may affect your vision.

Connecting a Microphone

Connect a microphone as shown below:



You can adjust the volume using the projector's volume controls on the control panel or remote control. If the microphone level is too low, you can adjust it by pressing the Mic Input Level button on the remote control or through the Option menu (see page 51).

Using PowerLite Presenter HD with Other Equipment

You can connect a variety of video, audio, and computer equipment to PowerLite Presenter HD to further enhance your viewing and listening experience.

- Video equipment such as a VCR, DVR, cable or satellite TV receiver, game console, video camera, digital camera, iPod, or other device that has a video output port
- A USB 2.0 flash drive containing photos, music files, or DivX® files
- Audio input equipment such as an iPod or other MP3 player to play music through the projector (audio cables not included)
- Audio output equipment such as an AV amplifier or a 5.1 Stereo Surround Sound System to play audio from the projector
- Computer or laptop to project anything you can see or hear on your computer through the projector

Warning: Close the lens cover before connecting/disconnecting your device. The bright light may affect your vision. Additionally, you may leave fingerprints on the lens which can affect projection quality. When the picture appears, do not look into the lens, and do not allow children or pets to look into the lens.

Viewing Video from External Devices

You can connect to external video devices that have HDMI, composite video, or component video ports. To play audio from component or composite sources, you also need to connect standard white and red audio jacks to the projector's L and R Audio inputs.

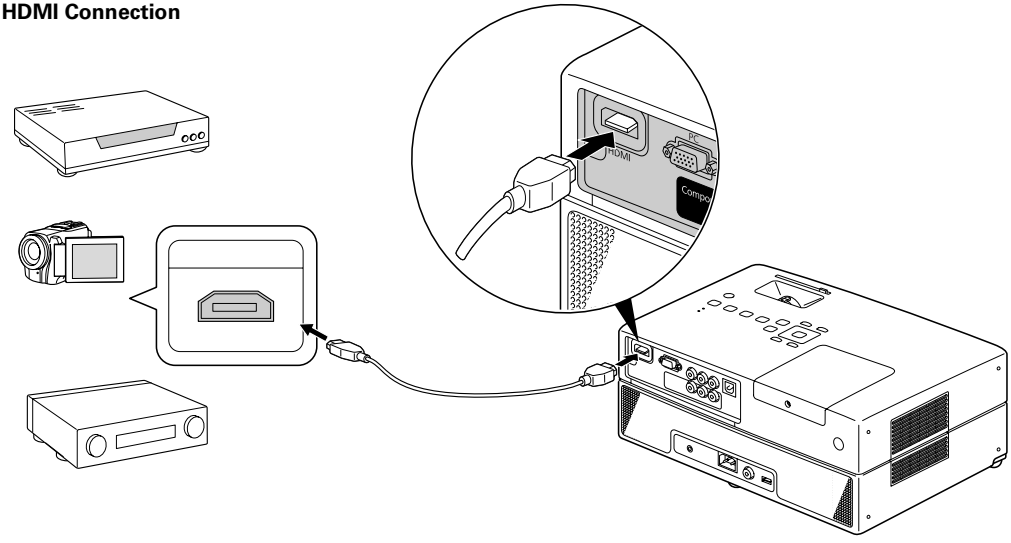
When you view video from an external source, you can use most of the projector's controls, including adjusting color mode, volume, and sound mode.

You will need connection cables, which may be included with your external equipment, or may be purchased from an electronics store.

Caution: Before connecting, make sure all equipment is turned off.

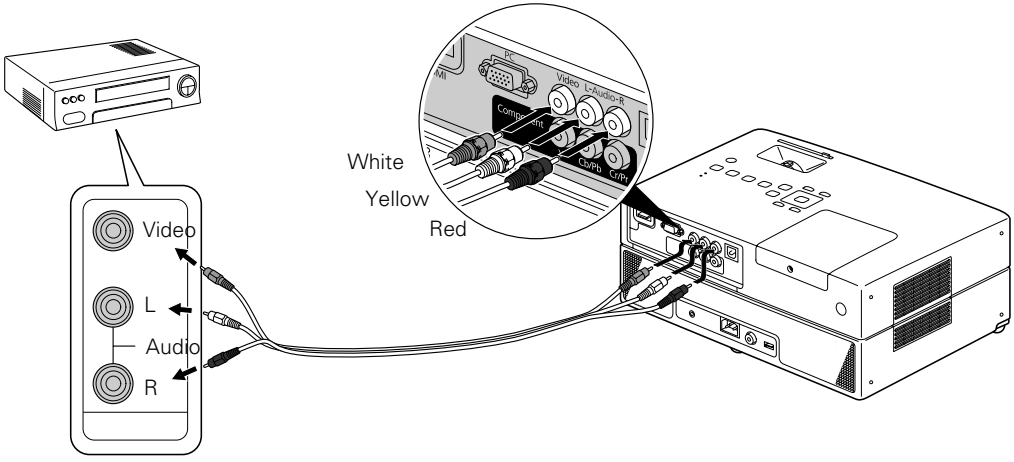
Connect the external equipment as shown on the following pages.

HDMI Connection



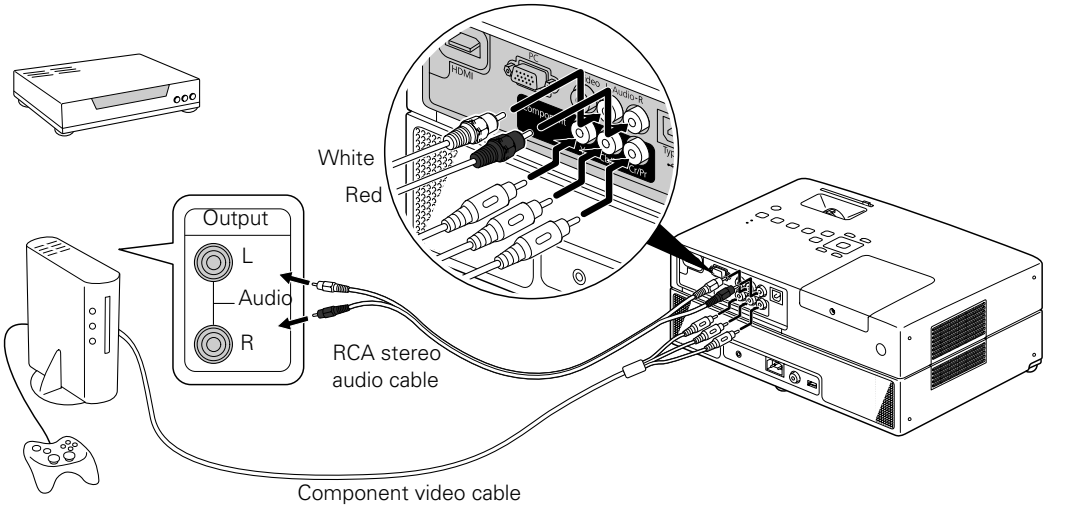
For connecting an HD cable or satellite TV receiver, HD DVR, Blu-ray™ DVD player, or HD camcorder.

Composite Video Connection



For connecting a VCR, or DVD player, cable or satellite TV receiver or DVR, game console, camcorder, iPod, digital camera, or other device with a video output port.

Component Video Connection



For connecting a cable or satellite TV receiver, DVR, or game console.

After you connect your equipment to the projector, follow these steps to begin:

1. Make sure all of the equipment is plugged into a power source.
2. Open the lens cover and press the button on the projector or the on the remote control.
3. Press the Source Search button on the projector or the Source button on the remote control.
4. When you see the menu, use the down-arrow or up-arrow button to select the correct source (if necessary), then press the Enter button on the projector or the Enter button on the remote control.
   - If you used the HDMI connection, select HDMI.
   - If you used the component video connection, select Component.
   - Otherwise, select Video.
5. Turn on the power to the connected video equipment, then start playing the video or game.
6. Normally, your projector selects the correct aspect ratio automatically. If you need to change the aspect, press the Aspect button on the remote control and select Normal, 16:9, or Zoom (if available for the video source you're using).

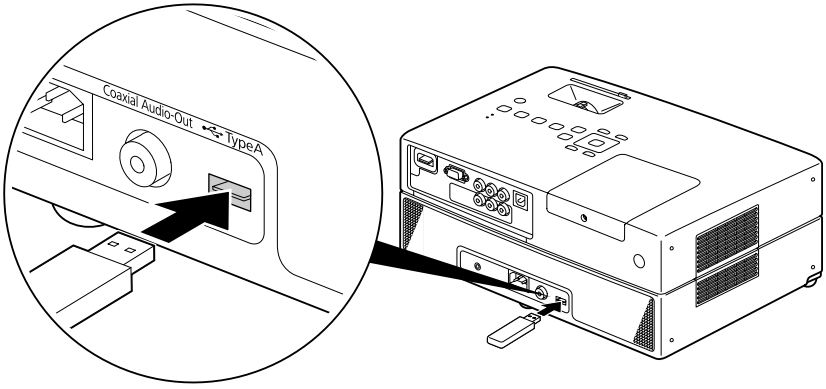
After you start playing your video or game, you may find that you need to adjust the position or shape of the picture. Or you may need to focus or zoom the image. See "Adjusting the Picture" on page 22.

Connecting a USB 2.0 Device

You can connect a USB 2.0 device, such as a flash drive or memory card reader containing a memory card. You can view photos, play music files or DivX videos. The projector supports the following types of files on USB 2.0 devices:

- MP3
- WMA
- JPEG
- DivX, DivX Ultra
- MPEG 1/2/4

Connect the drive or other device to the USB port as shown below. **When you're finished, make sure you press [■] before removing the device from the USB slot.**



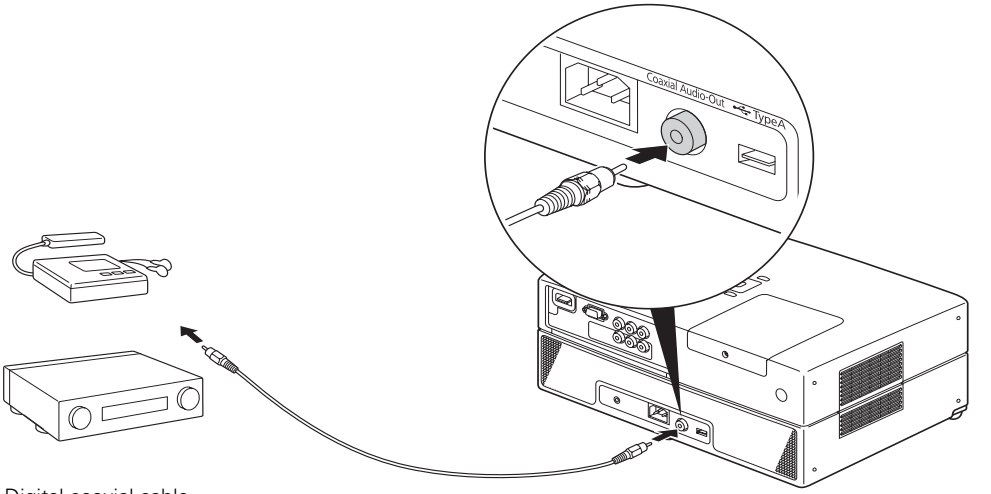
For instructions on playing MP3, WMA, JPEG, or DivX files, see page 39.

Playing Projector Audio Through an External Audio System

You can connect the projector to an amplifier, a 5.1 Stereo Surround Sound System, or a digital audio recorder. To output sound from the projector, the external equipment needs to have a digital coaxial (S/PDIF) audio input port.

You will also need a digital coaxial cable, which may be provided with your external equipment, or may be purchased from an electronics store.

1. Make sure the equipment is turned off, then connect the cable as shown:



Digital coaxial cable

2. Turn on your audio equipment and play your movie, music, or other presentation with sound from your projector.
3. You may need to change the Digital Output setting in the Audio Setup Page. Select Stream if you are connecting a DTS/Dolby Digital Decoder or PCM if you are connecting to equipment that is only compliant with linear PCM. For more information, see page 50.

You can use any of your projector's audio controls, as described on pages 24 and 27.

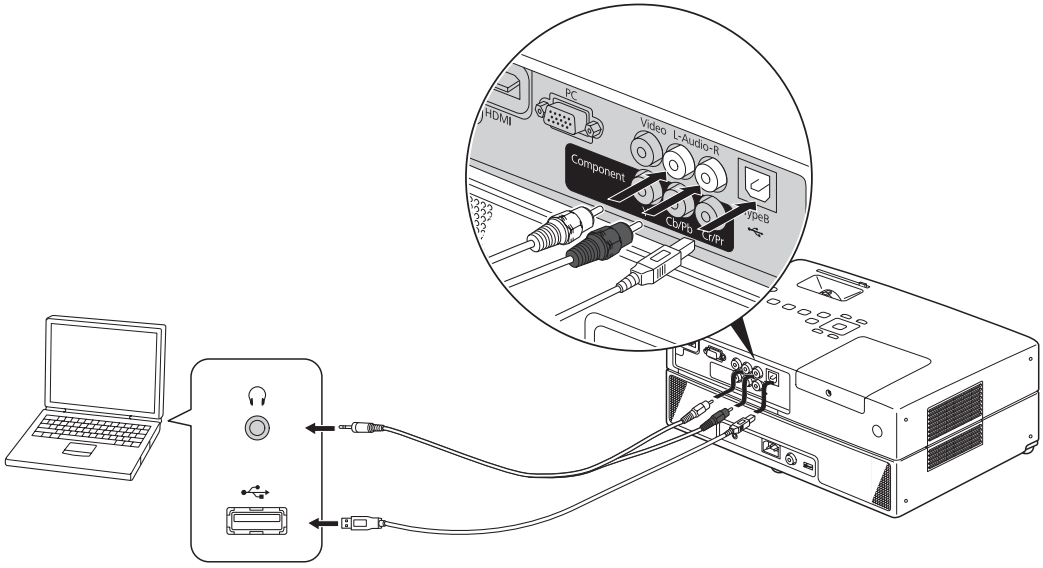
Connecting a Computer or Laptop

You can connect the projector to a computer or laptop to play videos or games, display presentations or photos, or project anything you can see and hear on your computer.

Connecting to the USB Port

You can connect a Windows® 7, Windows Vista®, Windows XP, or Windows 2000 (SP4) computer to the projector's Type B (square) USB port and project your computer's display.

Note: With Windows 7, you may need to visit Epson's **U.S. support website** to download the latest USB Display driver.



The first time you connect your computer to the projector's USB port, software from the projector installs on your computer.

1. Connect the power cords and plug in all the equipment.
2. Open the lens cover and press the button on the projector or the button on the remote control.
3. Turn on your computer.
4. Connect the square end of a USB cable (not included) to the projector's TypeB (square) USB port.

5. Connect the flat end of the cable to any available USB port on your notebook or desktop computer.

   Messages appear as the projector is recognized and the software installation begins.

6. Follow the instructions on your computer screen to install the Epson USB Display software. If you see a "Digital Signature Warning," select Continue. You will only need to install the software the first time you connect.

7. After the software has installed, you see your computer's desktop displayed by the projector. (It may take a moment.)

8. If you want to play audio from the computer through the projector, you also need to connect a stereo mini-jack cable to the projector's RCA stereo L and R Audio inputs. Connect the other end of the cable to the audio output connector(s) on your computer.

9. Normally, your projector selects the correct aspect ratio automatically. If you need to change the aspect, press the Aspect button on the remote control and select Normal, 16:9, or Zoom (if available for the video source you're using).

When you are projecting through the USB port, you can use the Page Up and Page Down buttons on the projector's remote control to move through a Microsoft® PowerPoint slide show.

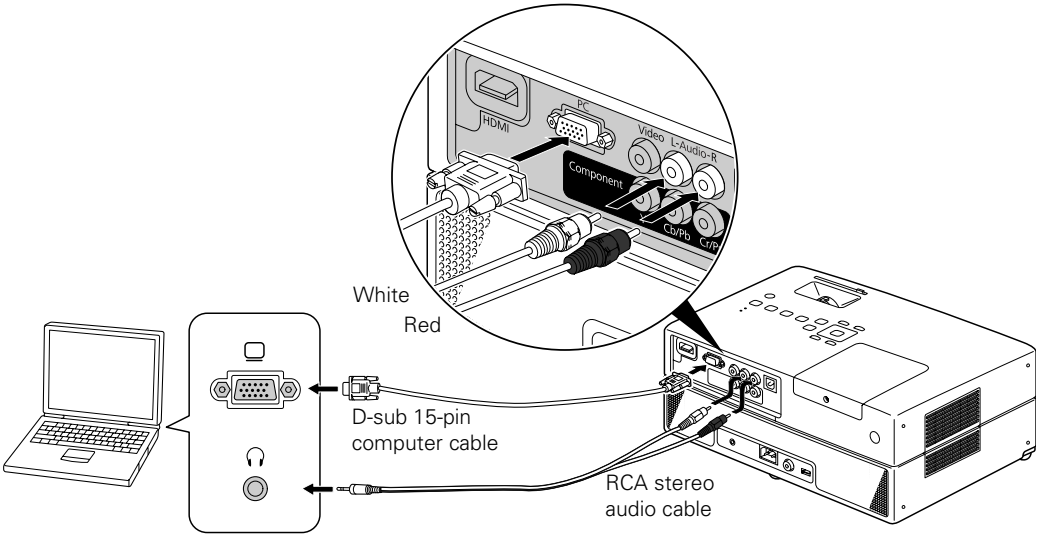
After your image appears, you may find that you need to adjust the position or shape of the picture. Or you may need to focus or zoom the image. See "Adjusting the Picture" on page 22.

Connecting to the PC Port

You will need a computer cable (D-sub 15-pin to D-sub 15-pin) and an RCA stereo audio cable (2-RCA to stereo mini-pin). You can purchase these cables from an electronics store.

Caution: Before connecting, make sure all equipment is turned off.

1. Connect the computer or laptop as shown.



2. Connect the power cords and plug in all the equipment.
3. Open the lens cover and press the ⏻ button on the projector or the ⏻ button on the remote control.
4. Press the Source Search button on the projector or the Source button on the remote control.
5. When you see the menu, use the down-arrow or up-arrow button to select PC (if necessary), then press the Enter button on the projector or the Enter button on the remote control.
6. Turn on the power to the connected computer or laptop.

7. Switch the display on the computer or laptop to display on the projector, or on both the projector and the computer screen. Usually you do this by pressing function keys to toggle through display choices; see your computer documentation for instructions.

   Note: If your laptop cannot play movies on both the laptop display and an external display, you may need to disable the laptop display to view movies on the projector. See your laptop documentation for instructions.

8. Normally, the projector selects the correct aspect ratio automatically. If you need to change the aspect, press the Aspect button on the remote control and select Normal, 16:9, or Zoom (if available).

After your image appears, you may find that you need to adjust the position or shape of the picture. Or you may need to focus or zoom the image. See "Adjusting the Picture" on page 22.

Doing More with PowerLite Presenter HD

Follow the instructions in this section to play music and view photos on your projector, use advanced playback controls, and adjust various projector features.

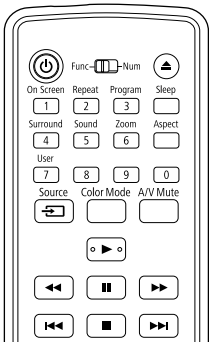
Playing Music and Viewing Photos

You can play music CDs and discs with MP3, WMA, DivX, and MPEG-1/2/4, and JPEG files. You can also play MP3 or WMA music files, DivX files, or view JPEG photos on USB 2.0 devices.

Playing Music CDs

- To play a music CD, simply insert it in the slot.

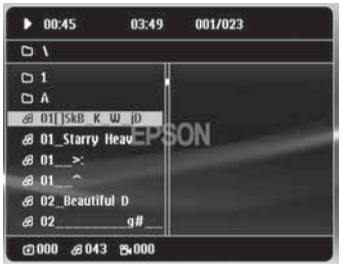
  You can use most of the playback features, including pause, resume, fast forward, reverse, and skip to the next or previous track. See page 24 for instructions.
- You can also select a specific track by using the numeric buttons, as described on page 26. To use the numeric buttons, you need to set the toggle switch on the remote control to the -Num position.
- To turn off the lamp, close the lens cover.



Playing MP3/WMA Music or DivX Videos

You can play MP3 or WMA music files and DivX or MPEG 1/2/4 videos on CDs, DVDs, or USB 2.0 devices. See page 70 for information on the types of discs that are supported.

When you insert a disc or USB 2.0 device that contains MP3, WMA, and/or DivX files, you see a list of files and/or folders:

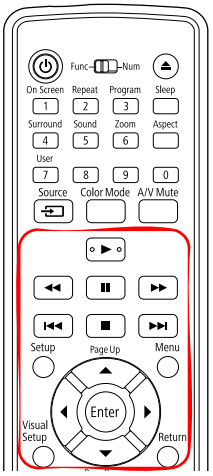


1. Press ◄ or ► to select a folder or file.

   To go to the next or previous page, press ►► or ◄◄.

2. Press ► or Enter to begin playing the selected track or file.

   When a file is finished playing, the next file in the sequence will start automatically.

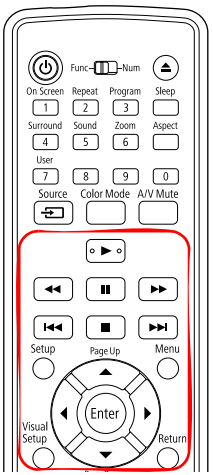


- To turn off the lamp when playing music files, close the lens cover.
- When you play MP3 or WMA files, scrolling through the list of songs will pause the music until you highlight the next file.

Viewing JPEG Photos

When you insert a disc or USB device that contains JPEG photo files, you see a list of files and/or folders.

- Press ▲ or ▼ to select a folder or file, then press ► to begin displaying the photos.
- To rotate an image, press ► or ◄.
- To stop the slideshow and display a thumbnail screen, press ■.



- To display the next or previous page of thumbnails, press ⏭ or ⏮.
- To display the list of the files and folders, press Menu.
- If your disc or USB device includes both music files and JPEG photos, you can play a slideshow with music.
  1. To display the list of files, press Menu.
  2. Select the music file you want and press ► to start playing it.
  3. Select the JPEG file you want and press ► to start displaying the slideshow.

Using Advanced Playback Controls

Your projector provides advanced features for looping videos or music tracks and selecting titles, chapters, or tracks. On DVDs that include subtitles, multiple languages, or multiple camera angles, you can use the remote control for easy access to these features.

Repeating a Chapter, Title, Track, or File

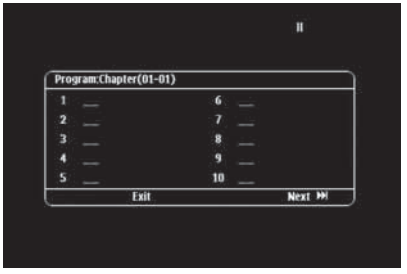
You can select a chapter or title on a DVD to repeat continuously (or loop). You can also repeat a track on a music CD or an MP3, WMA, JPEG, or DivX.

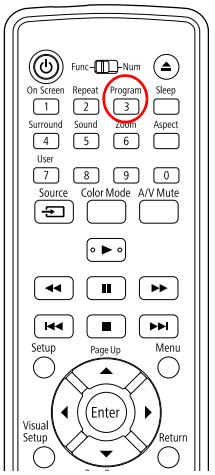
1. To repeat a chapter, title, or track, press Repeat 2 (make sure the toggle switch on the remote control is set to the Func- position). You see an icon on the screen indicating the selected repeat option.
2. Press Repeat 2 again to cycle through the options for repeating.
   - On a video DVD, you can repeat a chapter, title, or all titles and chapters. You can also select random play (Shuffle).
   - On an audio or video CD, you can repeat one track or all tracks or select random play (Shuffle).
   - For MP3, WMA, JPEG and DivX files, you can repeat a file, all files in a folder on a disc, or select random play (Shuffle). You can also select to play the current file one time (Single).
3. To cancel repeat play, press Repeat 2 until Repeat Off is displayed on the screen.

Changing the Play Sequence (Program Play)

You can create your own program for playing tracks on a music CD or chapters and titles on a DVD. Programs are saved for up to 10 discs, even after you change the CD or DVD.

1. Press Program 3 (make sure the toggle switch on the remote control is set to the Func- position). You see the program screen, which allows you to set a playback sequence:





2. Set the toggle switch on the remote control to the -Num position.
3. Use the numeric buttons to set the program order (up to 99 chapters, titles, or tracks).
   - Press ▶, ◀, ▲, or ▼ to move the cursor.
   - If a disc has more than 10 chapters or tracks, press ⏭ or ⏮ to display the next or previous page. Or, select Next or Prev on the screen and press Enter.
   - To delete a track or chapter you have entered, select it and press Enter.
   - To close the program screen, select Exit on the screen and press Enter.
4. To begin playing your programmed sequence, select Start on the screen and press Enter.
5. Set the toggle switch on the remote control back to the Func- position.
6. To cancel the program, press ■.
7. To resume normal playback, stop play and press ►.

Selecting Language, Subtitles, and Camera Angles

Some DVDs and DivX files allow you to display subtitles or select from several languages or camera angles. If these features are available, you can use the buttons on the remote control to select them.

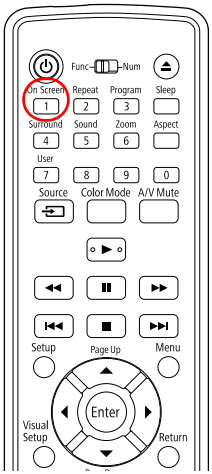
1. Press the appropriate button on the remote control:
   - To change the language of the video, press Audio.
   - To display subtitles, press Subtitle. You may have a choice of subtitle languages or subtitle files (for DivX files).
   - To change camera angles, press Angle.
2. Press the button repeatedly to select the option you want.

Note: For a list of language codes, see page 75.

Using the Playback Information Screen

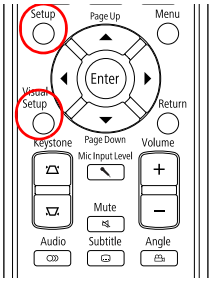
You can check the current playback status while you are playing a DVD, audio CD or DivX file.

Press On Screen 1 (make sure the toggle switch on the remote control is set to the Func- position). Each time you press the button, the projector displays information about the time elapsed or the time remaining.



Customizing PowerLite Presenter HD

You can limit children's access, adjust the sound, and customize other features of the projector. Many of these settings are available by pressing the Setup or Visual Setup buttons on the remote control.



Locking DVDs

You can lock up to 40 DVDs to prevent children from viewing them. When a disc is locked, you need to enter a password before you can play it.

1. Insert the DVD you want to lock. Press ■ twice to stop the video.
2. Press the Setup button on the remote control. You see the Language Setup Page.
3. Press ▶ until you see the Others Setup Page.
4. Press ▼ to highlight Disc Lock, then press ▶ to change the setting.
5. Press ▲ to select Lock, then press Enter.
6. Press ▲ to highlight Password, then press ▶ to change it.
7. Press Enter to select Change.
8. Set the toggle switch on the remote control to the -Num position, then enter 6 digits using the numeric buttons. The first time you set a password, you need to enter 000000 in the Old Password column first, then enter the new password.
9. Enter the same digits again for Confirm PWD using the numeric buttons.
10. Press Enter to save your password.

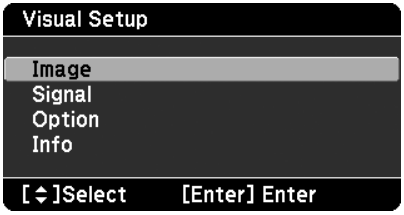
    Once a password is set, you need to enter it before you can view the locked CD or DVD. If you forget your password, enter 000000 in the Old Password column to reset the password.
11. Press Setup to exit the menu.

Locking the Power Button on the Control Panel

You can lock the ⏻ button on the control panel to prevent young children from accidentally turning on the projector and looking into the lens. (You can still turn on the projector using the remote control, so you may want to place it out of children's reach.) You will also be able to turn on the projector by holding down the ⏻ button on the control panel for at least 5 seconds.

Warning: Do not allow young children or pets to look into the projector lens when the projector is turned on. The lens projects bright light that may affect their vision.

1. Press Visual Setup on the remote control. You see the Visual Setup menu:



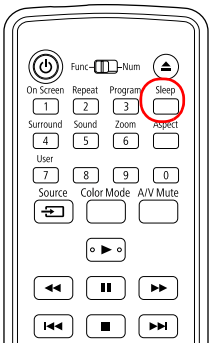
2. Press ▼ to highlight Option, then press Enter to select it.
3. Press ▼ until you see Child Lock.
4. Press ▶ or ◀ to select On, then press Enter.
5. Press Visual Setup to exit the menu.

You need to restart the projector for the setting to take effect.

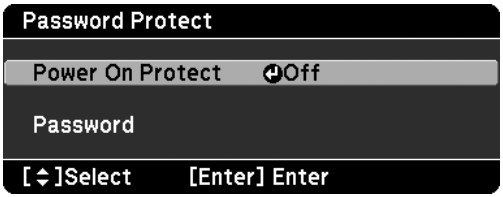
Note: When the Child Lock setting is turned on, the projector will not automatically power up when you insert a disc.

Locking the Projector

You can lock the projector with a password to prevent unauthorized people from using it. When the password lock is active, a password entry screen will display each time you turn the projector on after it has been unplugged.



1. Hold down the Sleep button for at least 5 seconds. You see the Password Protect menu:

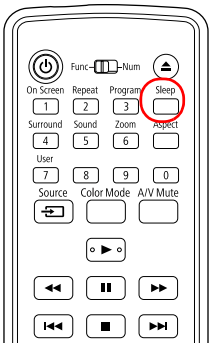


2. Press Enter to select Power On Protect, press ▶ or ◀ to select On, press Enter, then press Return.
3. Press ▼ to highlight Password, then press Enter to select it.
4. When you see the message Change the password?, select Yes and press Enter.
5. Set the toggle switch on the remote control to the -Num position, then enter a four digit number using the numeric buttons. When you enter the fourth digit, a confirmation screen is displayed.
6. Enter the password again. A confirmation message is displayed.
7. Press VisualSetup to exit the menu.

When you turn the projector on and see the password entry screen, set the toggle switch on the remote control to the -Num position and enter the four digit password using the numeric buttons.

Saving Power

The power turns off automatically when a DVD is stopped for more than 30 minutes. You can select a time to turn off the projector while a DVD is playing, in case you fall asleep while watching.



To select a sleep setting, press Sleep. Continue pressing the button to select from the following settings:

- Sleep Off: The power switches off automatically after 30 minutes of inactivity (default setting).
- Sleep 10, 20, 30, 60, 90, 120, 150: The power switches off automatically after the number of minutes specified, whether or not a movie is playing. You can select from 10 to 150 minutes.

After you set the sleep timer, you can see the time remaining by pressing Sleep.

Note: Sleep timer settings are not saved after you turn the projector off.

Changing Language Settings

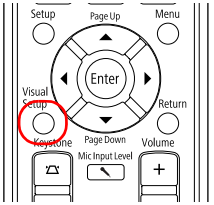
You can use the Language Setup Page to change the default language for DVDs that allow you to make this selection.

1. Press the Setup button on the remote control. You see the Language Setup Page.
2. Press ↓ to highlight the setting you want, then press → to display the list of languages available.

   OSD Language is the language used for the projector's menus. Other settings may not be available, depending on the DVD or DivX file you are playing.
3. Press ↓ to select the language you want, then press Enter to save it. For a list of language codes, see page 75.
4. To exit the menu, press Setup.

Adjusting Picture Quality

You can use the Image page on the Visual Setup menu to adjust the brightness, contrast, color saturation, tint, sharpness, and other settings that affect image quality.



Note: You cannot change Image page settings when the Color Mode is set to **Auto**.

1. Press VisualSetup on the remote control. You see the Visual Setup menu.
2. Press Enter to select **Image**.
3. Press ↓ until you see the option you want to set.

   You can adjust the following items for various viewing conditions and individual videos:

   - **Brightness**
   - **Contrast**
   - **Color Saturation**
   - **Tint** (only works on NTSC signals)
   - **Sharpness**
   - **Color Temp.** (**High** makes the image more blue; **Low** makes it more red.)
   - **Auto Iris** (Adjusts the light intensity based on the brightness of the displayed image.)
4. Press → or ← to increase, decrease, or change the setting.
5. Press VisualSetup to exit the menu.

Using the Others Setup Page

The Others Setup Page lets you select various settings, including screensaver, Video CD options, and MP3/WMA/JPEG file navigation. You can also display your code for DivX video on demand services and return all settings to their defaults.

1. Press Setup on the remote control. You see the Language Setup page.
2. Press → to display the Others Setup Page.
3. Press ↓ to highlight the setting you want, then press Enter to view or change the option.
4. Press ↓ to select the option you want, then press Enter to save it. You can choose from the following:

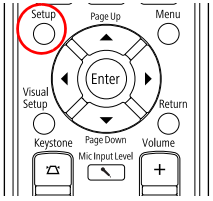
   - **Screen Saver**: By default, the screen saver starts when a still image is projected for more than 15 minutes. Select **Off** to turn off this setting.

- PBC: Select Off to turn off playback control when you play video CDs.
- DivX VOD code: Select this setting to display your video on demand registration code. This code allows you to purchase or rent videos through DivX video on demand services at www.divx.com/vod (and play them on the projector).
- MP3/JPEG Nav: When you insert a disc or USB device that has MP3, WMA, JPEG, DivX, or MPEG 1/2/4 files, you normally see a menu showing the file and folder names. Select Without Menu if you don't want to see the folder names (all files on the disc or USB device will be shown in a list, regardless of which folders they are located in).
- Default: Press ▶ and press Enter to return all settings to their factory defaults (except for the Disc Lock password and lamp hours).
- Password: See page 45 for instructions on setting a password for locking DVDs.
- Disc Lock: See page 45 for instructions on setting a password for locking DVDs.

5. To exit the Setup menu, press Setup.

Adjusting Dolby Audio Settings

You can adjust settings for external equipment with a DTS/Dolby Digital Decoder or DVDs recorded in Dolby Digital.



1. Press the Setup button on the remote control. You see the Language Setup Page.
2. Press ▶ to display the Audio Setup Page.
3. Press ▼ to highlight Digital Output or Night Mode, then press ▶ to select it. You can select the following settings:
   - Digital Output: Change to Stream if you have connected a DTS/Dolby Digital Decoder to the Audio-Out port.
   - Night Mode: Turn this setting on if you are watching a Dolby Digital DVD at low volume.
4. Press ▼ or ▲ to select the setting you want to change, then press Enter to save it.
5. To exit the menu, press Setup.

Setting Video and Other Options

You can use the Visual Setup menus to adjust the signal format for external video equipment and set other options.

Option Menu

1. Press Visual Setup on the remote control. You see the Visual Setup menu.
2. Press ↓ to highlight Option, then press Enter to select it.
3. Press ↓ until you see the option you want to set.

   You can adjust the following items:

   - Mic Input Volume: Adjust this setting if the microphone level is too low or too high.
   - User Button: You can assign one of the following four items to the User button: Power Consumption, Info, Resolution. By pressing the button, the assigned menu item selection/adjustment screen is displayed, allowing you to make one-touch settings/adjustments.
   - Child Lock: Turn this setting on to lock the ⏻ button on the control panel. See page 46 for more information.
   - High Altitude Mode: Turn this setting on if you use the projector at an altitude above 4900 feet (1500 meters), to ensure that the projector does not overheat.
4. Press → or ← to adjust the setting.
5. Press Visual Setup to exit the menu.

Signal Menu

1. Press Visual Setup on the remote control. You see the Visual Setup menu.
2. Press ↓ to highlight Signal, then press Enter to select it.
3. Press ↓ until you see the option you want to set.

   You can adjust the following items:

   - Keystone: Adjust this setting to correct the shape of the image if the projector has been tilted upward.
   - Auto Keystone: Select On to have the projector automatically adjust the shape of the image when the projector has been tilted upward or downward.
   - Power Consumption: Select ECO if the images being projected are too bright (such as when projecting images in a dark room or onto a small screen). You cannot select a Power Consumption setting when the Color Mode is set to Auto.

- Resolution: Set to Auto to have the projector automatically identify the resolution of the input signal. If necessary (because some of the image is missing, for example), adjust to Wide or Normal.
- Video Signal: Normally, you can leave this set to Auto when using external equipment. If no image appears or you see interference, select the appropriate signal.

4. Press or to adjust the setting.
5. Press VisualSetup to exit the menu.

Viewing Status Information and Resetting the Lamp Timer

You can use the Info page on the Visual Setup menu to view the number of hours the lamp has been used, and to reset the timer after you install a new lamp. You can also view video signal information and error codes for any problems that occur.

1. Press VisualSetup on the remote control. You see the Visual Setup menu.
2. Press to highlight Info, then press Enter to display the lamp usage and other information.

   Note: If the lamp has been used less than 10 hours, 0H is displayed.

3. To reset the lamp timer after replacing the lamp, press .
4. Press VisualSetup to exit.

Caring for Your PowerLite Presenter HD

The projector needs little maintenance. All you need to do on a regular basis is keep the lens clean. You also may need to clean the air filter to help prevent overheating.

Warning: Before you clean any part of the projector, turn it off and unplug the power cord. Never open any part of the projector, except as described in this *User's Guide*. Dangerous electrical voltages in the projector can injure you severely. Do not try to service this product yourself, except as specifically explained in this *User's Guide*.

The only parts you should replace are the lamp and air filter. If another part needs replacing, contact Epson or a qualified servicer (see page 68).

Follow the instructions in this section to clean the lens and case, clean and replace the air filter, replace the lamp, and store or transport the projector.

Protecting PowerLite Presenter HD

The projector is designed for use virtually anywhere. However, the projector and its accessories should not be exposed to water, smoke, direct heat or sunlight, or left outside for long periods of time. As with other electronic equipment, please avoid exposure of the projector to moisture, dust, smoke, and other environmental factors which may result in damage to internal electronics over time. See the warranty brochure included with your projector for additional details on the use of the projector.

Cleaning the Lens

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

To remove dirt or smears, use lens-cleaning paper. If necessary, moisten a soft cloth with lens cleaner and gently wipe the lens surface.

Caution: Never rub the lens with abrasive materials.

Cleaning the Case

Before you clean the case, 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 neutral detergent. Wring the cloth as dry as possible, then wipe the case.

Caution: Never use wax, alcohol, benzene, thinner, or other chemical detergents. These can damage the case. Never spray cleaners directly on the projector.

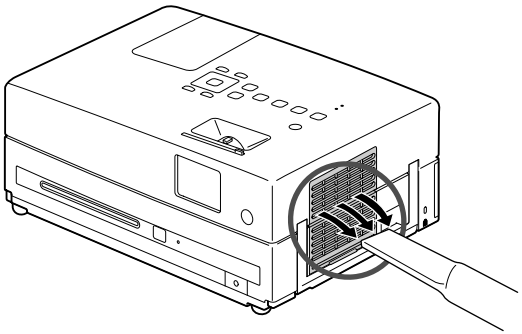
Cleaning and Replacing the Air Filter

Clean the air filter and air intake vent when dust builds up or when you see the following message:

> The projector is overheating. Make sure nothing is blocking the air vents, and clean or replace the air filter.

Dust clogs prevent proper ventilation, which can cause overheating and damage the projector.

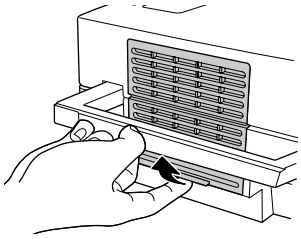
1. Press the ⏻ button on the control panel or the ⏻ button on the remote control to turn the projector off. When you hear a short beep, disconnect the power cable.
2. Use a small vacuum cleaner designed for computers and other office equipment to clean the filter, as shown.



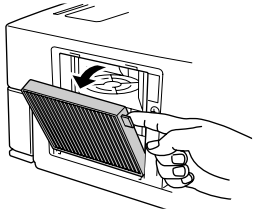
If you cannot clean the removable filter or it is broken, you need to replace it.

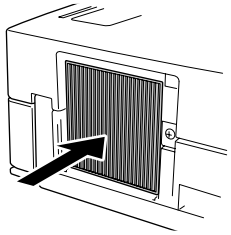
You can purchase a new filter (part # V13H134A26) from an authorized Epson reseller. To find the nearest reseller, please call Epson as described on page 68.

3. If you need to clean or replace the filter, lift up the handle, press up on the tab, and lift off the cover.

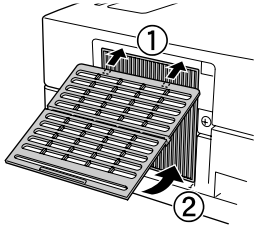


4. Remove the old filter and install the new filter.





5. Replace the cover.



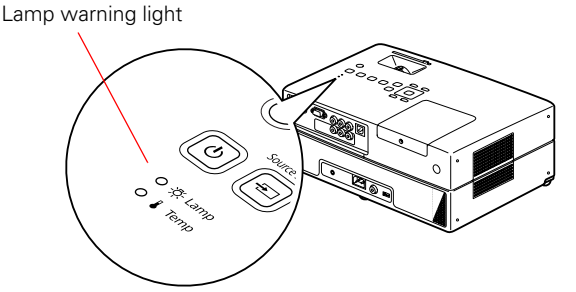
Replacing the Lamp

The life span of the lamp is about 4000 hours if Power Consumption in the Signal menu is set to Normal, and about 5000 hours if Power Consumption is set to ECO.

You can check how long the lamp has been used as described on page 52. If the number shown is close to the limit, make sure you have a spare lamp handy.

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

It's time to replace the lamp when:



- The projected image gets darker or starts to deteriorate.
- The lamp warning light flashes orange.
- The message Replace the lamp appears on the screen when you start projecting.

Caution: If you continue to use the lamp after you see the replacement indicators, the lamp is more likely to break.

You can purchase a new lamp (part # V13H010L55) from an Epson reseller. To find the nearest reseller, please call Epson as described on page 68.

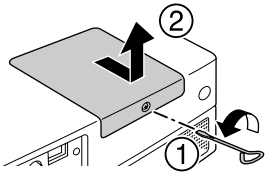
Be sure to read the safety instructions before replacing the lamp. See page 11.

Follow these steps to replace the lamp:

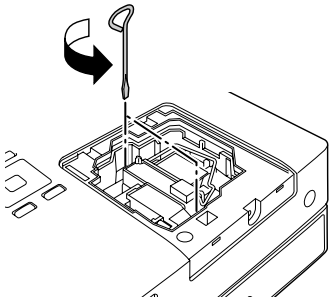
1. Press the button on the control panel or the button on the remote control to turn the projector off. When you hear two short beeps, disconnect the power cable.
2. If the projector has been on, let it cool for at least an hour.

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

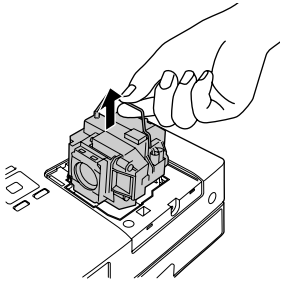
3. Loosen the lamp cover screw using the screwdriver that came with the replacement lamp. (The screw won't come all the way out.) Then slide out the lamp cover and lift up to remove it.



4. Loosen the two silver screws holding the lamp in place. (You can't remove these screws.)



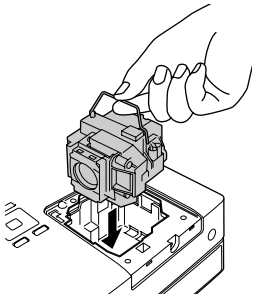
5. Grasp the lamp handle as shown and pull the lamp straight out.

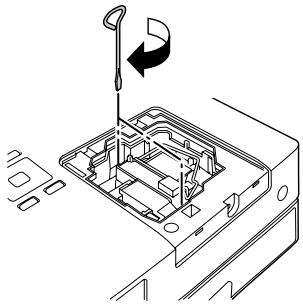


Note: Ⓗg The lamp(s) in this product contain mercury. Please consult your state and local regulations regarding disposal or recycling. Do not put in the trash.

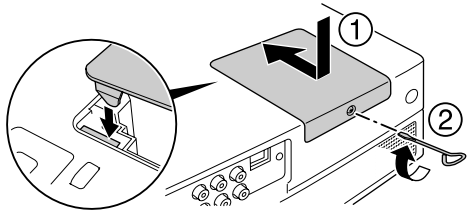
6. Gently insert the new lamp and tighten its screws.

   Caution: Don't touch the glass portion of the lamp with your bare hands; the invisible residue left by the oil on your hands may shorten the lamp life. Use a cloth or gloves to handle the new lamp assembly.





7. To replace the lamp cover, slide it into position, then tighten the screw. (The projector won't work if the lamp cover is loose.)



8. After replacing the lamp, you need to reset the lamp timer, as described in the next section.

Resetting the Lamp Timer

1. Connect the power cable and press the ⏻ button on the projector or the ⏻ button on the remote control to turn the projector on.
2. Press Visual Setup on the projector VisualSetup on the remote control. You see the Visual Setup menu.
3. Press ◁▽▷ to highlight Info, then press Enter on the projector or Enter on the remote control to select it.

4. Press ⌓ again. You see the following on the screen:

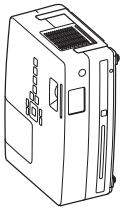
5. Select Yes and press Enter or Enter to reset the timer.

The lamp usage timer displays 0 H (zero hours) until you've used the lamp for at least 10 hours.

Storing PowerLite Presenter HD

Follow these guidelines when storing the projector:

- Make sure the temperature and humidity of the storage area are within the recommended range for the projector: 14 to 140 °F (–10 to 60 °C) and 20 to 80% relative humidity without condensation.
- Make sure all discs are ejected.
- Close the lens cover and retract the feet.
- Remove the batteries from the remote control.
- Place the projector in its protective case. You can stand it on end for convenient storage.
- Package the projector in its original packaging or equivalent (as described in the following section).

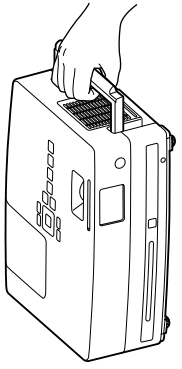


Transporting PowerLite Presenter HD

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

Your projector contains many glass and precision parts. If you need to transport it, follow these guidelines to prevent damage:

- 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. Be sure the carrier is capable of transporting fragile equipment and is aware that the projector is fragile.
- If you move the projector from a cold environment into a warm room, condensation (moisture) may form internally or on the lens surface. To avoid damage that might be caused by condensation, wait approximately an hour before using the projector. If condensation forms, turn off the power, then wait an hour or two before use.
- When you are hand-carrying the projector, make sure all discs are ejected, the lens cover is closed, and the feet are retracted.
- Lift the projector by its handle as shown:



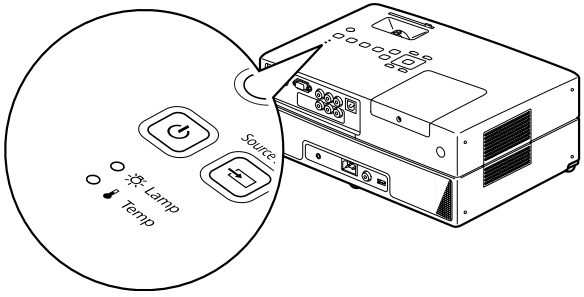
Problem Solving

This section explains how to interpret the projector's status lights, solve problems, and contact technical support.

What To Do When the Lights Flash

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

If all lights are off, make sure the power cable is connected correctly.



The ⏻ light is orange.

The projector is in sleep mode. Press the ⏻ button on the projector or the ⏻ button on the remote control to turn it on.

The ⏻ light is flashing green.

The projector is warming up. Wait for the picture to appear. This can take a few minutes.

The ⏻ light is flashing orange.

The projector is cooling down. Wait until the light stops flashing before you unplug the projector.

The ⏻ light is green.

The projector is operating correctly. If you don't see a picture, open the lens cover slide.

The warning light is flashing orange and the light is flashing red.

High-speed cooling is in process. If the projector gets too hot again, projection stops automatically. Make sure the projector is at least 8 inches (20 cm) away from the wall.

Clean or replace the air filters if necessary (see page 54). If you are using the projector at an altitude above 4900 feet (1500 meters), turn on High Altitude Mode (see page 51).

The warning light is flashing orange.

The lamp needs to be replaced. See page 56.

The light is red and the warning light is red.

The projector is too hot and has turned off the lamp. Make sure the projector is at least 8 inches (20 cm) away from the wall.

Clean or replace the air filters if necessary (see page 54). If you are using the projector at an altitude above 4900 feet (1500 meters), turn on High Altitude Mode (see page 51).

Let the projector cool for five minutes. When the light turns orange, press the button to turn the lamp back on. If the status doesn't change, wait a few minutes, then unplug the projector and contact Epson. See page 68.

The light is red and the warning light is flashing red.

The lamp may be incorrectly installed, the lamp cover may be loose, or the lamp may be broken. Turn off the power, wait a few minutes (or wait 1 hour if you've been using the projector), and check the lamp. See page 58. If the lamp is broken, or the lights continue to flash after you turn the power back on, unplug the projector and contact Epson. See page 68.

The light is red and the warning light is flashing red.

The projector has a problem with its fan or temperature sensor. Wait a few minutes, then unplug the projector and contact Epson. See page 68.

The light is red and both warning lights are flashing red.

The projector may have an internal error. Press . Then unplug the power cable, plug it in again, and press again. If the lights continue to flash, unplug the projector and contact Epson. See page 68.

The light is red and both warning lights are red.

The projector may have an auto iris or ballast error. Unplug the projector and contact Epson. See page 68.

Solving PowerLite Presenter HD Operation Problems

The projector doesn't turn on.

- Make sure the power cord is securely attached at both ends. Try using a different power outlet.

  If the power cord has been damaged, turn off the projector, disconnect the power cord, and contact Epson. See page 68.
- Make sure you pressed the ⏻ button on the projector or the ⏻ button on the remote control.
- If the ⏻ light is flashing green, the projector is warming up. Wait for the picture to appear, which can take a few minutes.
- If the ⏻ light is flashing orange, the projector is cooling down. Wait for the light to turn orange.
- Make sure the Child Lock is not set. See page 46.

The projector turns itself off after a period of time.

The power turns off automatically when the projector is idle for more than 30 minutes. Press the ⏻ button on the projector or the ⏻ button on the remote control to turn on the projector. For instructions on changing the Sleep setting, see page 48.

No picture appears on the screen.

- Make sure the projector is turned on (the ⏻ light is green and not flashing). If the ⏻ light is flashing green, wait for the projector to warm up.
- Make sure the lens cover is open.
- If you're playing a DVD, make sure its region code is 1.
- Check the warning light. If it is flashing orange, you need to replace the lamp. See page 56.
- The Screensaver feature turns off the picture if a still image is projected for more than 15 minutes. See page 49.
- If you're using external video equipment, check the solutions on page 66.

The DVD skips.

- Make sure the projector is not tilted more than 10 degrees while playing CDs or DVDs. This can cause skipping or disc scratches.
- Make sure there are no fingerprints or scratches on the DVD.

The remote control doesn't work.

- Make sure the toggle switch is in the correct position: set to -Num to use the numeric buttons, or to Func- to use the other functions of these buttons.
- Make sure you're within 19 feet (6 meters) of the projector, and within range of its front or back sensor (approximately 30° left or right, and 15° above or below).
- You may need to replace the remote control's batteries. Make sure they're inserted with the positive (+) and negative (–) ends positioned as shown in the battery compartment.
- Some discs don't support all of the remote control's functions.
- If you're using a "universal" remote control, it might not work with the projector. Epson does not support any third-party remote controls.

Solving Picture and Sound Problems

The picture is blurry or out of focus.

- Adjust the focus using the focus ring. See page 22 for instructions.
- There may be dirt on the lens. Clean the lens as described on page 53.
- Make sure the lens is not fogged by condensation. If you've just moved the projector from a cold environment, wait approximately an hour before using it. If condensation forms, unplug the projector and wait an hour or two before use.
- Make sure the projector is placed the correct distance from the screen: no closer than 3 feet (0.9 meters) and no farther than 35.7 feet (10.9 meters).
- Adjust the Sharpness setting. See page 49.
- If you're using the Keystone adjustment, be aware that it lessens image quality. You may want to decrease the projection angle to reduce the amount of keystone correction needed. Try adjusting the projector's position relative to the screen.
- If you're using external video equipment, check the solutions on page 66.

The picture looks too light or too dark.

- Press the Color Mode button on the remote control to select the best setting for your viewing environment. See page 27.
- Adjust the Brightness and Contrast settings. See page 49.
- If the picture looks darker than it used to, you may need to replace the lamp. See page 56.

The colors on the screen don't look right.

- Press the Color Mode button on the remote control to select the best setting for your viewing environment.
- Adjust the Color Saturation or Tint settings. See page 49.
- If you're using external video equipment, check the solutions on page 66.

The picture is wider at the top or bottom.

- You've tilted the projector to raise or lower the image, causing it to become "keystoned." Use the or buttons on the remote control or the Signal menu (see page 51)to correct the problem.

The picture is taller on the left or right side.

The projector is set at an angle to the screen. Face it squarely toward the screen.

There is no sound, or the sound is not loud enough.

- Try pressing the + Volume button on the projector or on the remote control.
- Press the Mute button on the remote control to make sure the sound hasn't been turned off temporarily.
- If you're using external video equipment with a component or composite video connection, make sure you connected the red and white audio jacks to the projector's audio ports (see page 30).
- If you're using external equipment, you may need to adjust the Audio settings in the setup menu (see page 50).

There is a problem with the sound quality.

- Try pressing the Sound 5 button on the remote control and adjusting the sound mode. (Make sure the toggle switch on the remote control is set to the Func- position.)
- If you're using external equipment, you may need to adjust the Audio settings in the setup menu (see page 50).
- If the sound is distorted or too loud, try pressing the — Volume button on the projector or on the remote control.

No sound can be heard from the microphone.

- Make sure the microphone is connected correctly. See page 29.
- Increase the Mic Input Level. See page 29.
- The projector is compatible with dynamic microphones. Make sure you are not using a plug-in power microphone.

Subtitles do not appear.

- The DVD might not include subtitles.
- Make sure the subtitle language is not set to OFF (see page 44).

You can't change the language on a DVD.

The DVD might not include multiple languages.

Problems with External Video Equipment

No picture appears on the screen.

- Make sure the equipment is turned on.
- Press the ⏻ button on the projector or the ⏻ button on the remote control.
- Press the ► or Play button on the external equipment.

You see the message No Signal**.**

- Make sure the equipment is turned on.
- Make sure your cable(s) are connected correctly (see page 30).

- Press the Source Search button on the projector or the Source button on the remote control to select the external video source. Allow a few seconds for the projector to sync up.
- If you're using a PC notebook, hold down the Fn key on the keyboard 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 notebook's manual or online help for details.

  On most systems, the ⌨/🖵 key lets you toggle between the LCD screen and the projector, or display on both at the same time.

  If you connect the notebook while the projector or computer are already turned on, the function Fn key that changes the computer's image signal to external output may not work. Turn the computer and the projector off and then back on again.

You see the message Signal not supported.

Press the Visual Setup button on the remote control and check the Video Signal setting (see page 51).

The picture is cut off (too large) or too small.

Press the Aspect button on the remote control and select the appropriate aspect ratio.

Press the Zoom 6 button on the remote control and select the appropriate zoom setting. (Make sure the toggle switch on the remote control is set to the Func- position.)

The picture is distorted.

- If you're using an extension cable, electrical interference may affect the signal.
- Check the solutions on pages 64 and 65.

The colors are not right.

- Press the Visual Setup button on the remote control and check the Video Signal setting (see page 51).
- Press the Color Mode button on the remote control to select the best setting for your viewing environment.
- Adjust the Color Saturation or Tint settings. See page 49.

Where To Get Help

Epson provides these technical support services:

Internet Support

Epson provides technical assistance 24 hours a day at **global.latin.epson.com/Soporte** (website available only in Spanish). Here you can access troubleshooting information, download product documentation, and receive technical advice through email.

Speak to a Support Representative

You may also speak with a projector support specialist by dialing one of these numbers:

Country	**Telephone number**
Argentina	(54 11) 5167-0300
Bolivia*	800-100-116
Chile	(56 2) 484-3400
Colombia	(57 1) 523-5000
Costa Rica	800-377-6627
Dominican Republic*	1-888-5210067
Ecuador*	1-800-000-044
El Salvador*	800-6570
Guatemala*	1-800-835-0358
Honduras**	800-0122 Code: 8320
Mexico Mexico City Other cities	 (52 55) 1323-2052 01-800-087-1080
Nicaragua*	00-1-800-087
Panama*	00-800-052-1376
Peru Lima Other cities	 (51 1) 418-0210 0800-10126

Country	Telephone number
Uruguay	00040-5210067
Venezuela	(58 212) 240-1111

*Contact your local phone company to call this toll free number from a mobile phone.
**Dial the first 7 digits, wait for a message, then enter the code.

Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (PowerLite Presenter HD)
- Product serial number (located on the bottom of the projector)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer or video configuration
- Description of the problem

Note: If you need help with optional equipment, see the information included in the box with the equipment.

Purchase Supplies and Accessories

You can purchase screens or other accessories from an authorized Epson reseller. To find the nearest reseller, contact Epson.

Specifications

General

Type of display	Poly-silicon TFT active matrix
Size of LCD panels	0.59 inch (15 mm) wide
Lens	F=1.58 to 1.72, f=16.9 to 20.28 mm
Resolution (native format)	1280 × 800 pixels × 3, WXGA
Light Output (brightness)	White Light Output 2500 lumens (ISO 21118 standard)
	Color Light Output 2500 lumens
Contrast ratio	Up to 300:1 (native), up to 2000:1 (Auto Iris on)
Image size	29 to 320 inches (0.7 to 8.1 meters)
Projection distance	3 to 35.7 feet (0.9 to 10.9 meters)
Speakers	Stereo speakers (10 W × 2)
Zoom ratio	1:1.2
Aspect ratio	Native 16:10 (4:3 resize)
DVD Unit	Audio: Virtual Surround, Dolby Digital, DTS Digital Surround Media: DVD Video, DVD-R/RW, DVD-R DL, DVD+R/RW, DVD+R DL, CD-R/RW, DVD-VR (without CPRM), Video CD, Super Video CD, Audio CD, MP3 (CD/DVD), WMA (CD/DVD), JPEG, DivX (CD/DVD), DivX Ultra (CD/DVD), Dual Disk, WMV (CD/DVD) See page 74 for detailed file specifications.
Noise level	29 dB (Power Consumption: ECO) 34 dB (Power Consumption: Normal)
Keystone correction	Vertical: –30° to +30°
Tilt angle	Up to 10°

Remote Control

Range	Approx. 19 feet (6 m)
Battery	AA × 2 (Alkaline or Manganese dry cell)
Operating angle	Horizontal: +/– 30° Vertical: +/– 15°

Projection Lamp

Type	200 W UHE (Ultra High Efficiency) E-TORL
Part number	ELPLP55/ V13H010L55
Lamp life	Approx. 4000 hours (Power Consumption: Normal) Approx. 5000 hours (Power Consumption: ECO)

Note: Lamp life results will vary depending upon mode selected, environmental conditions, and usage.

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

Dimensions

Height	5 inches (127 mm) excluding feet
Width	13.2 inches (335 mm)
Depth	9.41 inches (239 mm)
Weight	9.5 lb. (4.3 kg)

Electrical

Rated voltage	100 to 240 VAC
Rated frequency	50/60 Hz
Power consumption	Operating: 100 to 120 VAC, 310 W (Power Consumption: Normal) 100 to 120 VAC, 259 W (Power Consumption: ECO) 220 to 240 VAC, 292 W (Power Consumption: Normal) 220 to 240 VAC, 246 W (Power Consumption: ECO) Standby: 100 to 120 VAC, 0.3 W 220 to 240 VAC, 0.4W

Environmental

Temperature	Operating: 41 to 95 °F (5 to 35 °C) without condensation Storage: 14 to 140 °F (–10 to 60 °C) without condensation
Humidity	Operating: 20 to 80% RH, non-condensing
Operating altitude	Up to 7500 feet (2286 m)

Safety and Approvals

United States	FCC Part 15B Class B UL60950-1 2nd Edition (cTUVus Mark)
Canada	ICES-003 Class B CSA C22.2 No.60950-1-07 (cTUVus Mark)

Compatible Video Formats

Composite video

Signal	Resolution	Normal aspect mode	16:9 aspect mode	Zoom aspect mode
TV (NTSC)	720 × 480	1066 × 800 (4:3)	1280 × 720 (16:9)	1280 × 800 (16:10)
TV (PAL, SECAM)	720 × 576	1066 × 800 (4:3)	1280 × 720 (16:9)	1280 × 800 (16:10)

Component video

Signal	Resolution	Normal aspect mode	16:9 aspect mode	Zoom aspect mode
SDTV (480i, 60Hz)	720 × 480	1066 × 800 (4:3)	1280 × 720 (16:9)	1280 × 800 (16:10)
SDTV (576i, 50Hz)	720 × 576	1066 × 800 (4:3)	1280 × 720 (16:9)	1280 × 800 (16:10)
SDTV (480p, 60Hz)	720 × 480	1066 × 800 (4:3)	1280 × 720 (16:9)	1280 × 800 (16:10)
SDTV (576p, 50Hz)	720 × 576	1066 × 800 (4:3)	1280 × 720 (16:9)	1280 × 800 (16:10)
HDTV (720p) 16:9	1280 × 720	1280 × 720 (16:9)	—	1280 × 800 (16:10)
HDTV (1080i) 16:9	1920 × 1080	1280 × 720 (16:9)	—	1280 × 800 (16:10)

HDMI video

Signal	Resolution	Normal aspect mode	16:9 aspect mode	Zoom aspect mode
VGA60	640 × 480	1066 × 800	1280 × 720	1280 × 800
SDTV (480i, 60Hz)	720 × 480	1066 × 800	1280 × 720	1280 × 800
SDTV (576i, 50Hz)	720 × 576	1066 × 800	1280 × 720	1280 × 800
SDTV (480p)	720 × 480	1066 × 800	1280 × 720	1280 × 800
SDTV (576p)	720 × 576	1066 × 800	1280 × 720	1280 × 800
SVGA60	800 × 600	1066 × 800	1280 × 720	1280 × 800
XGA60	1024 × 768	1066 × 800	1280 × 720	1280 × 800
HDTV (720p)	1280 × 720	1280 × 720	—	1280 × 800
WXGA60	1280 × 800	1280 × 800	1280 × 720	1280 × 800
SXGA2_60	1280 × 960	1066 × 800	1280 × 720	1280 × 800
SXGA3_60	1280 × 1024	1000 × 800	1280 × 720	1280 × 800
SXGA+60	1400 × 1050	1066 × 800	1280 × 720	1280 × 800
UXGA60	1600 × 1200	1066 × 800	1280 × 720	1280 x 800
HDTV (1080i)	1920 × 1080	1280 × 720	—	1280 × 800
HDTV (1080p, 50Hz)	1920 × 1080	1280 × 720	—	1280 × 800
HDTV (1080i, 60Hz)	1920 × 1080	1280 × 720	—	1280 × 800

Computer image

Signal	Resolution	Normal aspect mode	16:9 aspect mode	Zoom aspect mode
VGA 60/72/75/85	640 × 480	1066 × 800	1280 × 720	1280 × 800
SVGA56/60/72/75/85	800 × 600	1066 × 800	1280 × 720	1280 × 800
XGA60/70/75/85	1024 × 768	1066 × 800	1280 × 720	1280 × 800
SXGA1_70/75/85	1152 × 864	1066 × 800	1280 × 720	1280 × 800
WXGA60/75/85	1280 × 800	1280 × 800	1280 × 720	1280 × 800
WXGA60-1	1280 × 768	1280 × 768	1280 × 720	1280 × 800
WXGA60-2	1360 × 768	1280 × 722	1280 × 720	1280 × 800
SXGA2_60/75/85	1280 × 960	1066 × 800	1280 × 720	1280 × 800
SXGA3_60/75/85	1280 × 1024	1000 × 800	1280 × 720	1280 × 800
SXGA+60/75/85	1400 × 1050	1066 × 800	1280 × 720	1280 × 800
WXGA+60/75/85	1440 × 900	1280 × 800	1280 × 720	1280 × 800
UXGA60	1600 × 1200	1066 × 800	1280 × 720	1280 × 800

Computer image

Signal	Resolution	Normal aspect mode	16:9 aspect mode	Zoom aspect mode
WSXGA+60	1680 × 1050	1280 × 800	1280 × 720	1280 × 800
MAC13″	640 × 480	1066 × 800	1280 × 720	1280 × 800
MAC16″	832 × 624	1066 × 800	1280 × 720	1280 × 800
MAC19″	1024 × 768	1066 × 800	1280 × 720	1280 × 800
MAC21″	1152 × 870	1059 × 800	1280 × 720	1280 × 800

File Specifications

Your projector supports MP3, WMA, DivX, DivX Ultra, MPEG, and JPG files that conform to the following specifications:

File system	Discs: ISO9660 level 1 or level 2 (Discs that have been recorded in the packet write [UDF] format cannot be read.) USB devices: FAT16 and FAT32
File name	Alphanumeric characters only, with .mp3, .wma, .divx, .div, .xvid, .avi, .vid, .mpe, .mpg, .mpeg, .dat, .vob, or .jpg file extensions.
File size	USB devices: 4GB (FAT32)
Group (folder) count	Up to 300
Track (file) count	Up to 648
Bit rate	MP3: 16 to 320 kbps, WMA: 64 to 192 kbps, DivX/DivX Ultra: Up to 3 mbps, 30 fps optimum, MPEG: up to 5.57 mbps for USB devices, up to 5.6 mbps for CDs, up to 19 mbps for DVDs
Sampling frequency	MP3: 11 kHz, 16 kHz, 22.05 kHz, 32 kHz, 44.1 kHz, 48 kHz, WMA: 44.1 kHz, 48 kHz, WMA: 44.1 kHz, 48 kHz
Total number of pixels	JPG: Up to 3027 × 2048, DivX, DivX Ultra: Up to 720 × 576 pixels

Your projector can play multi-session recorded discs. Multiple bit rate files and WAV files are not supported. The projector supports baseline JPEG files created by a digital camera and conforming to the DCF (Design rule for Camera File system) standard. Motion JPEG files are not supported. Certain digital camera functions such as automatic rotation may not be supported.

These specifications are subject to change without notice.

Language Codes

Abkhazian	6566
Afar	6565
Afrikaans	6570
Amharic	6577
Arabic	6582
Armenian	7289
Assamese	6583
Avestan	6569
Aymara	6589
Azerhaijani	6590
Bahasa Melayu	7783
Bashkir	6665
Belarusian	6669
Bengali	6678
Bihari	6672
Bislama	6673
Bokmål, Norwegian	7866
Bosanski	6683
Brezhoneg	6682
Bulgarian	6671
Burmese	7789
Castellano, Español	6983
Catalán	6765
Chamorro	6772
Chechen	6769
Chewa; Chichewa; Nyanja	7889
中文	9072
Chuang; Zhuang	9065
Church Slavic; Slavonic	6785
Chuvash	6786
Corsican	6779
Česky	6783
Dansk	6865
Deutsch	6869
Dzongkha	6890
English	6978
Esperanto	6979
Estonian	6984
Euskara	6985
Ελληνικά	6976
Faroese	7079
Français	7082
Frysk	7089
Fijian	7074

Gaelic; Scottish Gaelic	7168
Gallegan	7176
Georgian	7565
Gikuyu; Kikuyu	7573
Guarani	7178
Gujarati	7185
Hausa	7265
Herero	7290
Hindi	7273
Hiri Motu	7279
Hrwatski	6779
Ido	7379
Interlingua (International)	7365
Interlingue	7365
Inuktitut	7385
Inupiaq	7375
Irish	7165
Íslenska	7383
Italiano	7384
Ivrit	7269
Japanese	7465
Javanese	7486
Kalaallisut	7576
Kannada	7578
Kashmiri	7583
Kazakh	7575
Kernewek	7587
Khmer	7577
Kinyarwanda	8287
Kirghiz	7589
Komi	7586
Korean	7579
Kuanyama; Kwanyama	7574
Kurdish	7585
Lao	7679
Latina	7665
Latvian	7686
Letzeburgesch;	7666
Limburgan; Limburger	7673
Lingala	7678
Lithuanian	7684
Luxembourgish;	7666
Macedonian	7775
Malagasy	7771

Magyar	7285
Malayalam	7776
Maltese	7784
Manx	7186
Maori	7773
Marathi	7782
Marshallese	7772
Moldavian	7779
Mongolian	7778
Nauru	7865
Navaho; Navajo	7886
Ndebele, North	7868
Ndebele, South	7882
Ndonga	7871
Nederlands	7876
Nepali	7869
Norsk	7879
Northern Sami	8369
North Ndebele	7868
Norwegian Nynorsk;	7878
Occitan; Provencal	7967
Old Bulgarian; Old Slavonic	6785
Oriya	7982
Oromo	7977
Ossetian; Ossetic	7983
Pali	8073
Panjabi	8065
Persian	7065
Polski	8076
Português	8084
Pushto	8083
Russian	8285
Quechua	8185
Raeto-Romance	8277
Romanian	8279
Rundi	8278
Samoan	8377
Sango	8371
Sanskrit	8365
Sardinian	8367
Serbian	8382
Shona	8378
Shqip	8381
Sindhi	8368

Sinhalese	8373
Slovensky	8373
Slovenian	8376
Somali	8379
Sotho; Southern	8384
South Ndebele	7882
Sundanese	8385
Suomi	7073
Swahili	8387
Swati	8383
Svenska	8386
Tagalog	8476
Tahitian	8489
Tajik	8471
Tamil	8465
Tatar	8484
Telugu	8469
Thai	8472
Tibetan	6679
Tigrinya	8473
Tonga (Tonga Island)	8479
Tsonga	8483
Tswana	8478
Türkçe	8482
Turkmen	8475
Twi	8487
Uighur	8571
Ukurainian	8575
Urdu	8582
Uzbek	8590
Vietnamese	8673
Volapuk	8679
Walloon	8765
Welsh	6789
Wolof	8779
Xhosa	8872
Yiddish	8973
Yoruba	8979
Zulu	9085

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Epson America, Inc. Limited Warranty

1. Limited warranty for Epson products

Epson products are covered by warranty against defects in workmanship and materials when operated under normal use and handling conditions, as indicated in the product documentation, for the period specified in section "Limited Warranty Coverage". Coverage begins as of the date of delivery to the purchaser by Epson or by an authorized Epson dealer (see "Epson subsidiaries and offices in Latin America"), in the country of purchase.

Epson also guarantees that the consumables (ink cartridges, toner, batteries) included with the product, will perform according to the usage specifications as long as they are used prior to the expiration of their warranty period.

2. Scope of warranty

Should Epson receive notice of a defect during the warranty period, it may, at its discretion, repair or replace the defective product at no cost to the purchaser. In the event of a replacement, the replaced equipment will become property of Epson. The replaced item may be new or previously repaired to the Epson standard of quality, and will assume the remaining warranty period of the product that was originally purchased.

This warranty does not include any compensation or damages whatsoever, resulting from the operating failures of the Epson product. In any event, Epson's maximum liability toward the purchaser will be limited to the purchase price paid to Epson or to the authorized dealer.

Epson's warranty does not cover any software not manufactured by Epson, even when delivered with an Epson product. The software may have a warranty provided by the manufacturer, as indicated in the documentation attached thereto.

3. Limitations and exclusions

The warranty will be invalid in the following cases:

When the product's serial number has been removed or altered.

When the product has been misused, has undergone unauthorized modifications, has been used or stored in ways that are not in compliance with the environmental specifications of the product.

When the damage resulted from the use of refilled supplies or consumables, or when damages are the result of use of media that does not meet the product's specifications.

When damages resulted from the inappropriate transport of the equipment (packaging, installation, maintenance, transportation).

When damages were caused by natural or intentional disasters (fire, floods, lightning, earthquakes, etc.), power surges, or interaction with other brand products.

When the product has been totally or partially disassembled, or has been repaired other than by an Authorized Epson Service Center.

When substances have been spilled on the product.

When the external plastic case has been scratched or abused.

When damages resulted from inappropriate tests, installation, maintenance or adjustments.

The warranty does not extend to accessories (lids, covers, trays) or replenishing supplies and consumables (ink cartridges, toner, ink ribbons, batteries, photosensitive units, knobs, print heads, lamps), which, due to their nature, must be regularly purchased through authorized dealers.

4. How to obtain warranty service

Please refer to the user documentation to ensure that the product settings have been properly set and to perform the diagnostic tests indicated therein. Furthermore, in order for the unit to operate optimally, always use original Epson supplies and consumables.

To obtain warranty service, the purchaser may take the product to any Authorized Epson Service Center, along with proof of purchase, or call any of the Epson Technical Assistance Centers (see country list starting on page 78).

Upon calling an Authorized Epson Service Center, the purchaser will be asked to provide the product model and serial numbers, and may be asked to provide information on the location and the date of purchase (the warranty is only valid in the country of purchase).

If there are no Authorized Service Centers in your area, call the Technical Assistance Center for service referral.

5. Responsibilities of purchaser

The purchaser is responsible for the safety of all confidential and proprietary information stored on the product, as well as for recovery backup files in case of damage. Any activity related with the re-installation or resetting of the software that was delivered with the equipment, will be billed to the purchaser at the rates in effect at the Authorized Epson Service Center. This also applies if the failure was the result of a defect in the purchaser's proprietary software or of a computer "virus".

In order to obtain on-site service, the latter will be required to provide: access to the product; an appropriate working area; access to electrical facilities; access to the resources that may be necessary for the installation, repair or maintenance of the unit; a safety environment for Epson staff and their work tools.

6. Limited warranty coverage

Product	Model	Coverage	Conditions
Projector	PowerLite	2 years	Service center

Technical Support Service

Epson offers technical assistance through electronic and telephone services. Before calling Epson, refer to the documentation included with your product. If you do not find the solution to your problem, visit Epson's website at: **global.latin.epson.com/Soporte** or call the local Epson office or an authorized dealer.

Service Centers

Country	Telephone Number	Country	Telephone Number
Argentina	(54 11) 5167-0300	Mexico Mexico City Other Cities	 (52 55) 1323-2052 01-800-087-1080
Bolivia*	800-100-116		
Chile	(56 2) 484-3400		
Colombia	(57 1) 523-5000	Nicaragua*	00-1-800-226-0368
Costa Rica	800-377-6627	Panama*	00-800-052-1376
Dominican Republic*	1-888-760-0068	Peru Lima Other cities	 (51 1) 418-0210 0800-10126
Ecuador*	1-800-000-044		
El Salvador*	800-6570		
Guatemala*	1-800-835-0358	Uruguay	00040-5210067
Honduras**	800-0122 Code: 8320	Venezuela	(58 212) 240-1111

* Contact your local phone company to call this toll free number from a mobile phone.

** Dial first 7 digits, wait for a message, then enter code.

If your country does not appear on the preceding list, please contact the dealer where you purchased the product.

If your country does not appear on the preceding list, please contact the dealer where you purchased the product.

You may receive help or consult information online for all Epson products. Register your Epson equipment on our website, at **global.latin.epson.com/Soporte**.

Extended warranty support and service

In some countries, Epson offers warranty extension services. You may purchase this service by calling the Technical Service Center.

Epson subsidiaries and offices in Latin America

Epson Argentina S.A.
Avenida Belgrano 964/970
(1092), Buenos Aires, Argentina
Tel: (54 11) 5167-0300
Fax: (54 11) 5167-0333

Epson do Brasil Ltda.
Av Tucunaré, 720 - Tamboré
06460-020 Barueri - SP
(55 11) 3956-6868
(55 11) 3956-6806

Epson Chile, S.A.
La Concepción 322
Providencia, Santiago, Chile
Tel: (56 2) 484-3400
Fax: (56 2) 484-3413

Epson Colombia, Ltda.
Calle 100, No. 21-64 piso 7
Bogotá, Colombia
Tel: (57 1) 523-5000
Fax: (57 1) 523-4180

Epson Costa Rica, S.A
102 Avenida Escazú
Torre 1, Piso 4, Suite 401/402
Escazú, San José
Costa Rica
Tel: (506) 2588-7855
Fax: (506) 2588-7888

Epson México, S.A. de C.V.
Blvd. Manuel Ávila Camacho 389
Edificio 1 Conjunto Legaria
Col. Irrigación, México, D.F.
C.P 11510 México
Tel: (52 55) 1323-2000
Fax: (52 55)1323-2183

Epson Perú, S.A.
Av. Canaval y Moreyra 590, San Isidro, Lima 27, Perú
Tel: (51 1) 418-0210
Fax: (51 1) 418-0220

Epson Venezuela, S.A.
Calle 4 con Calle 11-1
La Urbina Sur
Caracas, Venezuela
Tel: (58 212) 240-1111
Fax: (58 212) 240-1128

Index

A

Accessories, 6, 69
Air filter
  cleaning and replacing, 54 to 55
  ordering, 6
Air vents, 8
Audio
  adjusting, 24, 27, 50
  problems, 65 to 66
Audio system connection, 34
Auto Iris, 49
AV amplifier, connecting, 34

B

Blurry picture, 64
Brightness
  adjusting, 49
  lamp, 56, 70
Buttons, 9, 10

C

Cable box, connecting, 30 to 32
Camcorder, connecting, 30 to 32
Camera angle, 44
CDs, playing, 39
Child Lock, 46
Cleaning
  air filter, 54 to 55
  lens and projector case, 53 to 54
Color mode, 27
Color problems, 65, 67
Component video connection, 30
Composite video connection, 30
Computer connection, 35 to 38
Contrast ratio, 70
Control panel, projector, 9

D

Dark image, 65
Digital audio recorder, connecting, 34
Digital camera, connecting, 30 to 32
Distance, projection, 17, 70
DivX VOD Code setting, 50
Documentation, 7
DVDs
  menus, 26
  playing, 20 to 28
DVR, connecting, 30 to 32

E

Electrical specifications, 71
Environmental specifications, 72
EPSON
  accessories, 6, 69
  technical support, 68 to 69
Exhaust vent, 8
External equipment
  connecting, 30 to 38
  problems, 66

F

Fast forward, 25
FCC Compliance Statement, 76
File specifications, 74
Filter, *see* Air filter
Focus ring, 24
Formats, video, 72 to 74

G

Game console, connecting, 30 to 32
General specifications, 70

H

HDMI connection, 30
Headphones, 28
Help, 68 to 69
High altitude mode, 51, 62

I

Image
  blurry, 64
  distorted, 65
  shape, 65, 70
  size, 17, 70
  too light or dark, 65
  turning off, 25
  wrong colors, 65
Intake vent, 8
iPod, connecting, 30 to 32

J

Jog control, 25
JPEG, 40, 49, 74

K

Kensington lock, 6
Keystone correction, 65, 70

L

Lamp
  brightness, 56, 70
  light, 62
  purchasing, 6, 56
  replacing, 56 to 58
  specifications, 71
  usage timer, resetting, 52, 58 to 59
Language, 44, 48, 75
Laptop connection, 35 to 38
Lens, cleaning, 53
Lights, projector, 61 to 62
Location, projector, 16 to 17
Lock, security, 6
Locking
  Power button, 46
  projector, 47
Looping, 42

M

Maintenance, 53 to 59
Menus, 26
Microphone, connecting, 29
Movies
  pausing, 25
  playing, 20 to 28
  searching, 25
MP3, 40, 49, 74
MP3/JPEG Nav setting, 50
Music, playing, 39 to 41
Muting, 25, 26

N

No Signal message, 66

O

Optional accessories, 6
Overheating, 17, 54, 62

P

Parental controls, 45
Parts, identifying, 8 to 9
Pausing, 25
PBC setting, 50
Photos, displaying, 39 to 41
Picture
  adjusting, 22, 27, 49 to 52
  problems, 63 to 65
Positioning projector, 16 to 17

Power button locking, 46
Power, saving, 48
Problems
  audio, 65 to 66
  color, 65, 67
  lights indicating, 61 to 62
  operation, 63 to 64
  overheating, 17, 54, 62
  picture, 63 to 65
  remote control, 64
Program play, 43
Projection distance, 17, 70
Projector
  choosing location, 16 to 17
  cleaning, 54
  control panel, 9
  dimensions, 71
  distance from screen, 17, 70
  lights, 61 to 62
  locking, 47
  maintenance, 53 to 59
  operation problems, 63 to 64
  parts, 8
  positioning, 16 to 17
  speakers, 70
  specifications, *see* Specifications
  storing, 59
  transporting, 60
  turning off, 19

R

Remote control
  buttons, 10
  problems, 64
  specifications, 71
Repeating scenes or tracks, 42
Replacing lamp, 56 to 58
Resetting lamp timer, 52, 58 to 59
Resolution, 70

S

Safety approvals, 72
Safety Instructions, 11 to 14
Satellite receiver, connecting, 30 to 32
Screen distance, 17, 70
Screen projection, 20 to 21
Screen saver setting, 49
Searching, 25
Shuttle control, 25
Signal not supported message, 67
Size, image, 17, 70
Skipping chapters or tracks, 26
Sleep mode, 48, 61, 63
Slow motion, 25
Sound
  adjusting, 24, 27, 50
  problems, 65 to 66
Sources, switching, 32, 37, 67
Speakers, projector, 70
Specifications
  compatible video formats, 72 to 74
  electrical, 71
  environmental, 72
  file specifications, 74
  general, 70
  lamp, 71
  language codes, 75
  remote control, 71
Storing projector, 59
Subtitles, 44
Surround sound system, connecting, 34

T

Technical support, 68 to 69
Temperature, projector, 54, 62
Transporting projector, 60
TV video formats, 72 to 74

U

USB cable, projecting with, 35
USB devices, 33

V

VCR, connecting, 30 to 32
Ventilation, 17, 54, 62
Vents, 8
Video camera, connecting, 30 to 32
Video, compatible formats, 72 to 74
Volume, adjusting, 24

W

Wall projection, 20 to 21
Warranty, 77 to 79
WMA, 40, 49, 74

Z

Zooming, 22, 26