



Epson® MovieMate™ 25

User's Guide



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Welcome!

Your Epson® MovieMate™ 25 is a portable, lightweight home cinema system that delivers high-quality, big-screen entertainment anywhere you want. In less than two minutes, you can set up MovieMate and watch a DVD, play a video game, or view your favorite photos.

MovieMate offers these outstanding features:

- Flexibility to set up in any room (or even outdoors), from 2.4 feet to 37 feet away from the screen or wall
- DVD resolution of 480p
- Widescreen viewing with 16:9 aspect ratio
- Up to 1200 ANSI lumens of brightness, enough for viewing in daylight
- 1000:1 contrast ratio, for deep, vibrant images
- JVC® DVD player with Dolby® Digital and DTS
- Built-in JVC speakers with 2.1 stereo sound
- An external 40 W subwoofer
- Long-life bulb providing up to 3000 hours of use
- Two-year home service warranty

Registration and Warranty

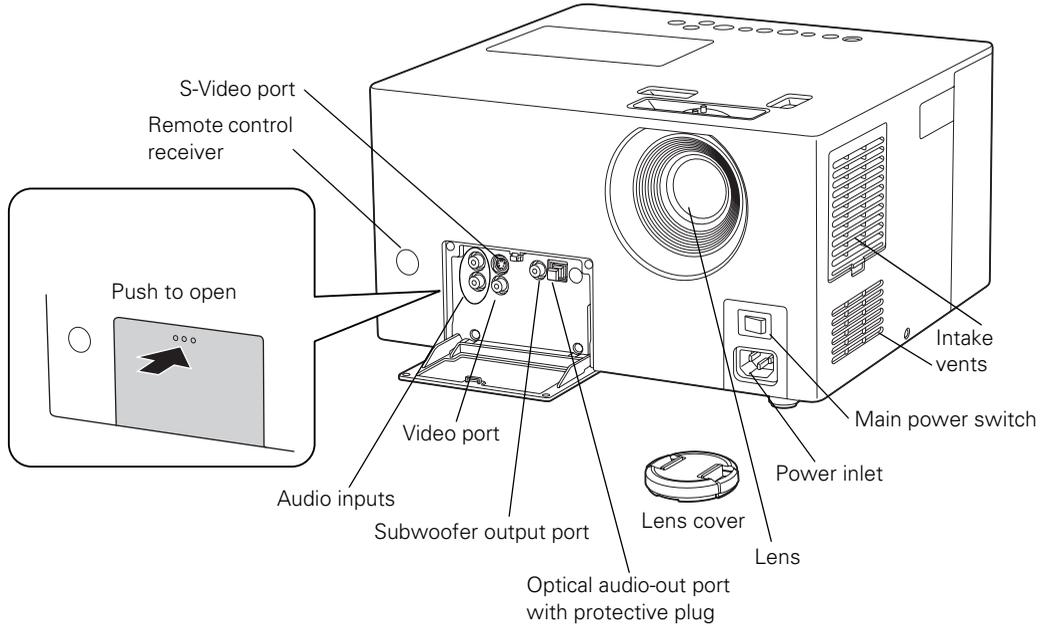
The Epson MovieMate 25 comes with a basic two-year carry-in warranty. For details, see page 60.

In addition, Epson offers free Extra CareSM Home Service during your warranty period. In the unlikely event of an equipment failure, you won't have to wait for your unit to be repaired. Instead, Epson will ship you a replacement unit anywhere in the United States or Canada, usually via overnight delivery. See your *Extra Care Home Service* brochure for details.

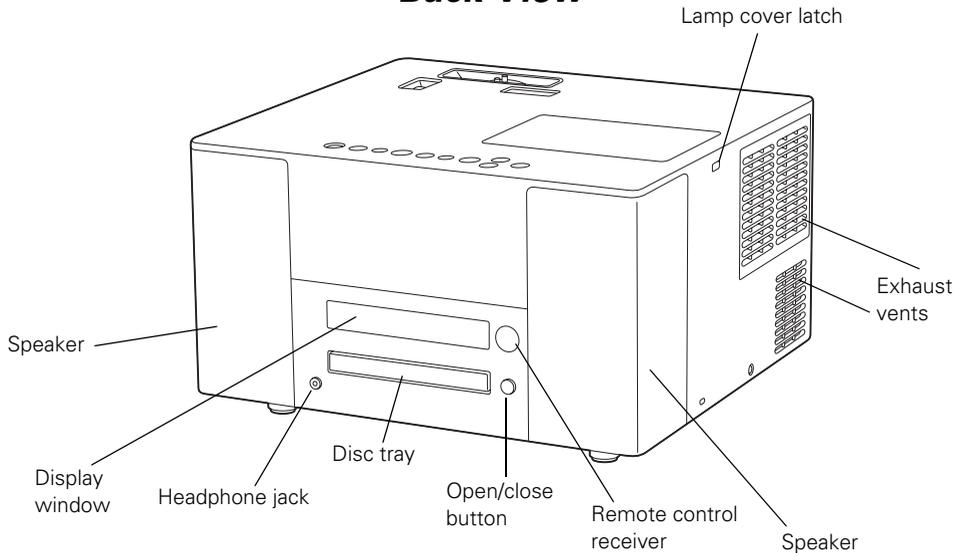
We encourage you to please register your projector. To register, simply fill out the registration card that came with your projector and mail it to Epson. Or you can register online at <http://www.epson.com/webreg>. Registering also lets you receive special updates on new accessories, products, and service.

MovieMate 25 Parts

Front View

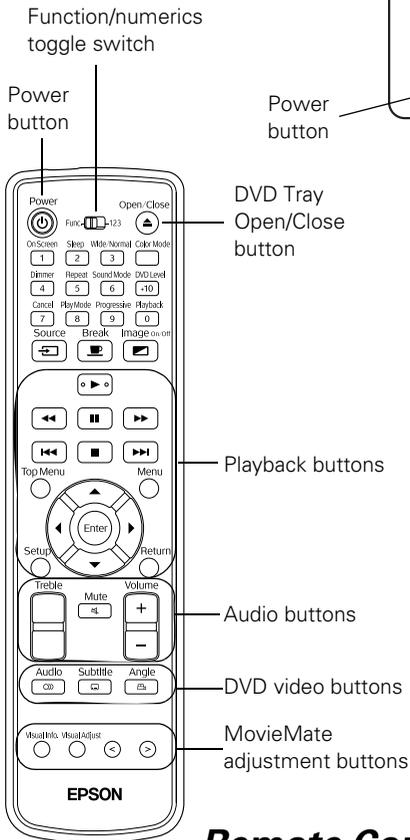
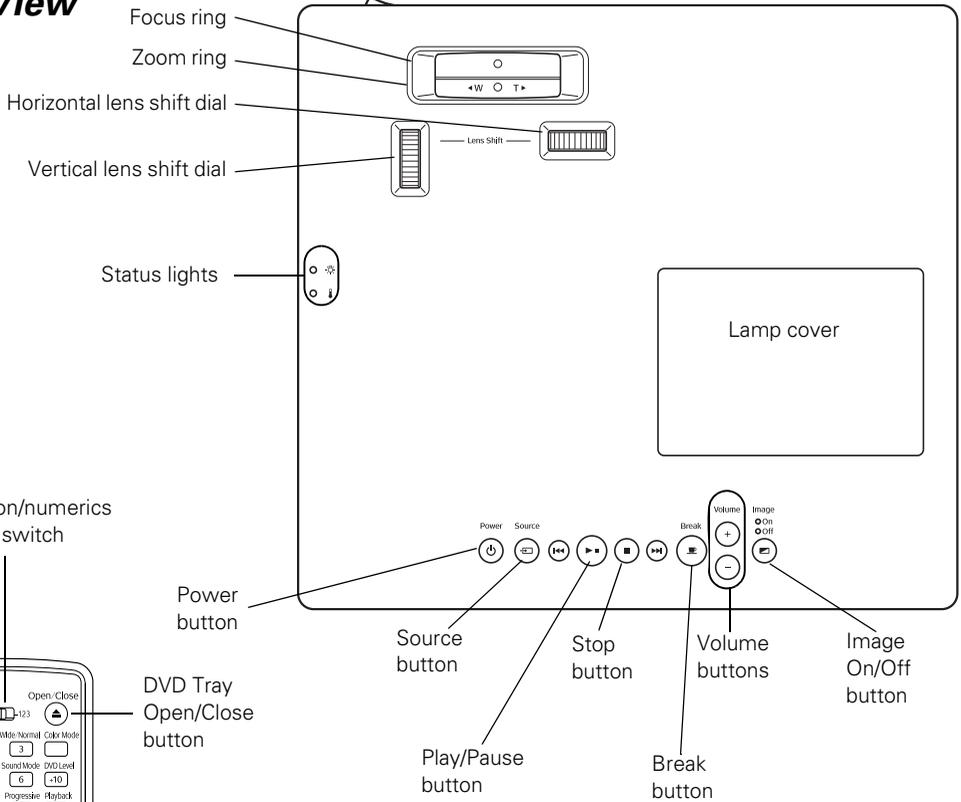


Back View

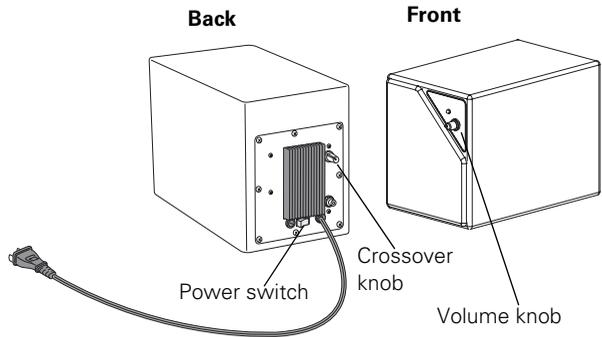


MovieMate 25 Controls

Top View



Remote Control



Subwoofer

Optional Accessories

Epson provides the following optional accessories for the projector:

| Product | Part number |
|----------------------------------|-------------|
| Replacement lamp (ELPLP33) | V13H010L33 |
| Replacement air filter (ELPAF09) | V13H134A09 |

You can purchase these accessories from an authorized Epson reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766).

In the U.S., you can also purchase online at www.epsonstore.com.

In Canada, you can also purchase at www.epson.ca or (800) 807-7766.

About This Manual

See the *Quick Setup* sheet to set up your MovieMate and connect it to the subwoofer. This book contains information on using MovieMate, plus maintenance instructions, troubleshooting tips, important safety instructions, specifications, and warranty information.

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.

Getting More Information

Need additional help? Take advantage of Epson's automated support services 24 hours a day at <http://support.epson.com>. Use this site to view FAQs (Frequently Asked Questions) or product information and e-mail your questions to Epson support.

If you need more help, you can use the Epson PrivateLine® Support service. Call (800) 637-7661 and enter the PIN on the PrivateLine support card that came with your MovieMate.

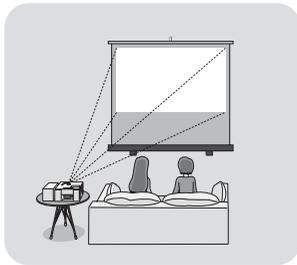
Playing Movies

Follow the instructions in this section to choose a location, play a movie, and control playback.

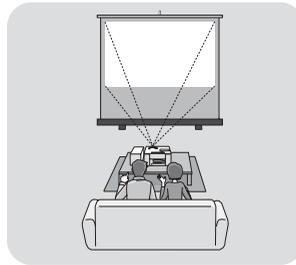
Choosing a Location

You can use your MovieMate just about anywhere—in the living room, bedroom, or even outside. You can use it with the subwoofer and screen, or simply project on a wall and use the built-in audio system without the subwoofer.

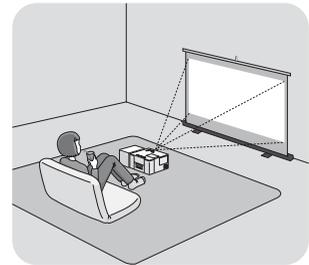
The following pictures show three different setups:



Side

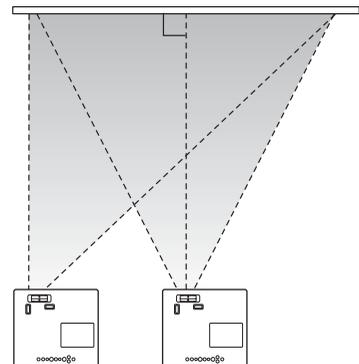


Front



Floor

MovieMate doesn't have to be directly in front of the screen, but it has to face straight ahead (at a 90-degree angle to the screen). If the image is too low, too high, or off to the side, you can use the lens shift dials to adjust the position (see page 16).



The further you place MovieMate from the screen, the larger the image will be.

If you want an image that fills the screen, place MovieMate about 6 1/2 feet away from it. The following table lists the distances required for various image sizes (measured diagonally). Note that the zoom adjustment also affects image size.

Wide screen aspect ratio (16:9)

| Image size | Projection distance |
|------------------------|----------------------------|
| 30 in. (26 × 15 in.) | 2.4 to 3.7 feet |
| 40 in. (35 × 20 in.) | 3.2 to 4.9 feet |
| 60 in. (51 × 28 in.) | 4.9 to 7.4 feet |
| 80 in. (71 × 39 in.) | 6.6 to 9.9 feet |
| 100 in. (87 × 47 in.) | 8.2 to 12.4 feet |
| 120 in. (106 × 59 in.) | 9.9 to 14.9 feet |
| 150 in. (130 × 75 in.) | 12.4 to 18.6 feet |

Standard TV aspect ratio (4:3)

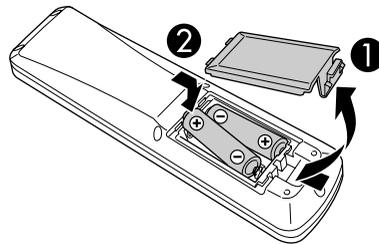
| Image size | Projection distance |
|------------------------|----------------------------|
| 30 in. (24 × 18 in.) | 2.9 to 4.5 feet |
| 40 in. (32 × 24 in.) | 4 to 6 feet |
| 60 in. (47 × 35 in.) | 6 to 9 feet |
| 80 in. (63 × 47 in.) | 8 to 12.1 feet |
| 100 in. (79 × 59 in.) | 10.1 to 15.2 feet |
| 120 in. (94 × 71 in.) | 12.1 to 18.2 feet |
| 150 in. (118 × 91 in.) | 15.1 to 22.8 feet |

When setting up MovieMate, keep these considerations in mind:

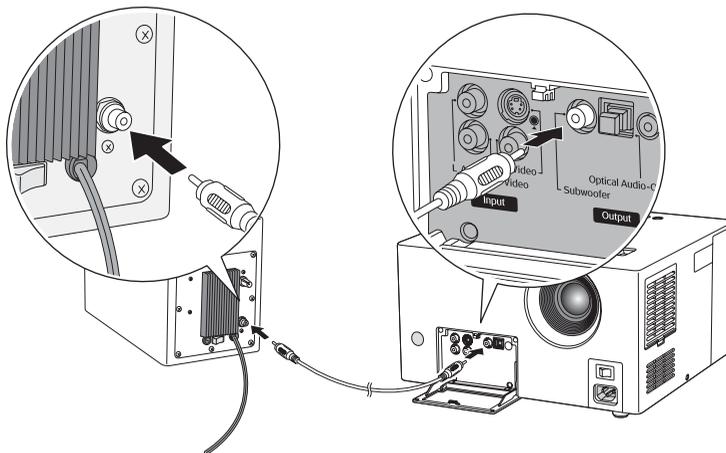
- Make sure you don't block the air vents on the sides.
- Make sure you place MovieMate within 10 feet of an electrical outlet, power strip, or extension cord. You will need two sockets: one for MovieMate, and one for the subwoofer.
- For the best sound, make sure the subwoofer faces toward you and away from the screen.
- Do not tilt the projector more than 5 degrees up or down.

Setting Up MovieMate

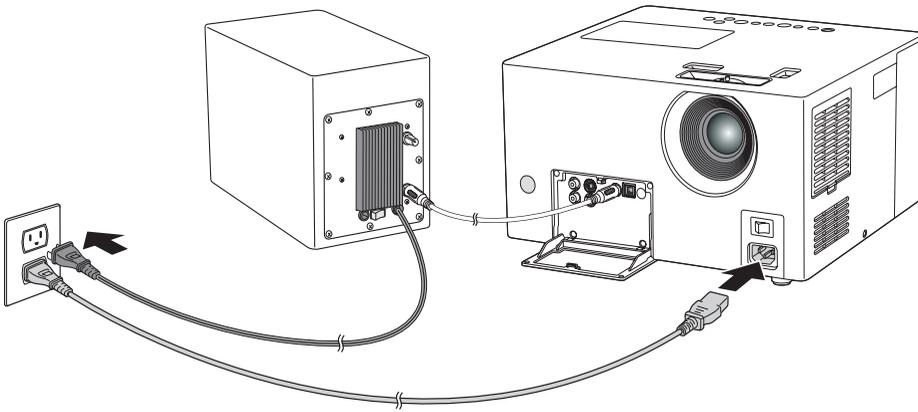
1. If your MovieMate came with a screen, set it up following the instructions included in the screen box. Make sure you read all the instructions to avoid damaging the screen.
2. Put the batteries in the remote control.



3. Connect the subwoofer as shown below. See the instructions included with the subwoofer for more information.

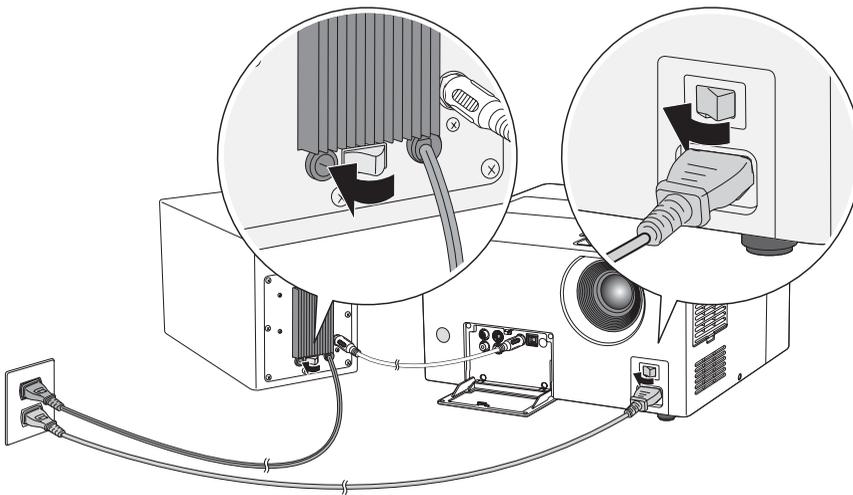


4. Plug in MovieMate and the subwoofer.



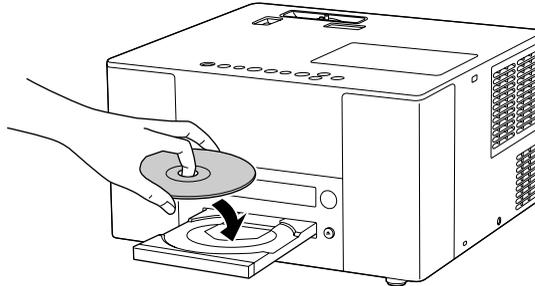
Note: For best results, make sure the subwoofer faces toward you and away from the screen.

5. Turn on the power switches on MovieMate and the subwoofer.

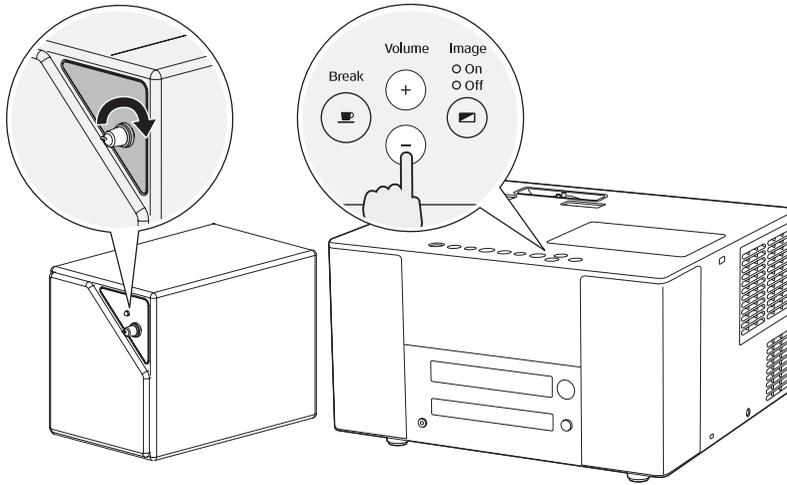


Starting Your Movie

1. Press the  button to open the DVD tray.
2. Insert your DVD and close the tray. If the movie doesn't start automatically, you may have to press the  Power button or the  Image On/Off button.



3. Adjust the volume if necessary.

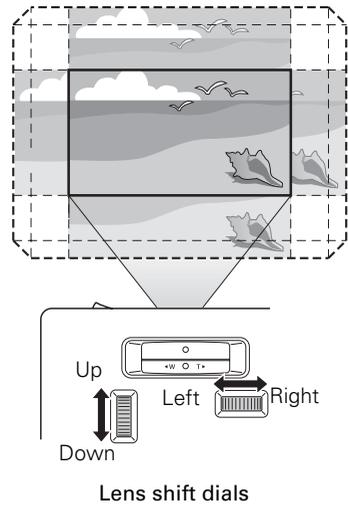


Adjusting the Picture

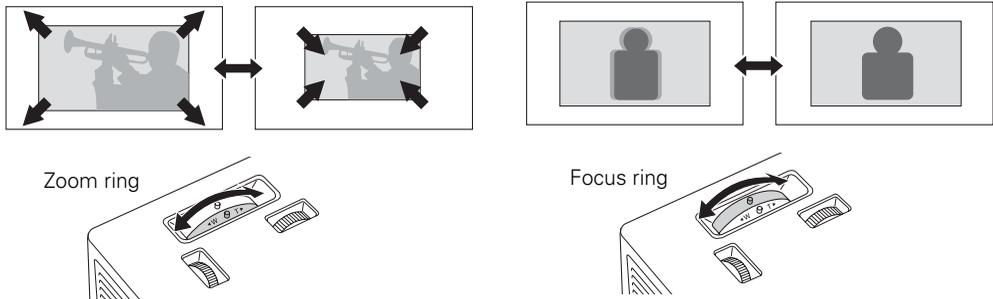
Once you see your picture, you may need to make certain adjustments.

1. If the image is too low, too high, or off to the side, use the horizontal and vertical lens shift dials to adjust its position.

Note: The lens shift feature cannot move the image both horizontally and vertically by the full amount. For example, if you have moved the image all the way up, then you cannot shift it all the way to the right or left at the same time.

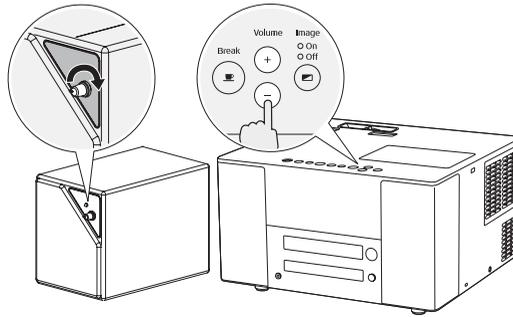


2. Rotate the zoom ring to reduce or enlarge the picture, or the focus ring to sharpen it.



Adjusting the Sound

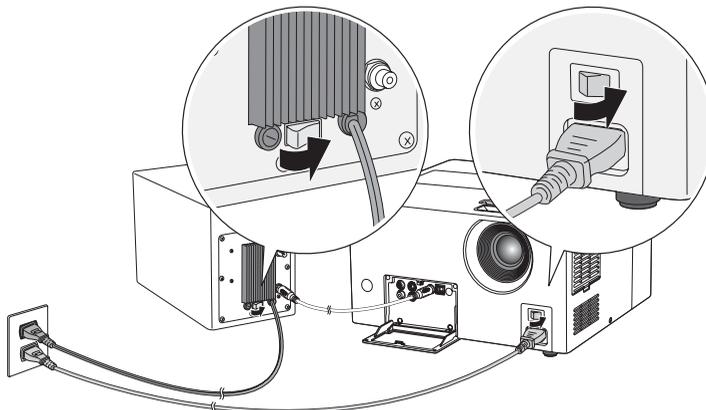
To adjust the volume, use the knob on the subwoofer and the volume buttons on MovieMate's control panel. You can also use the volume buttons on the remote control.



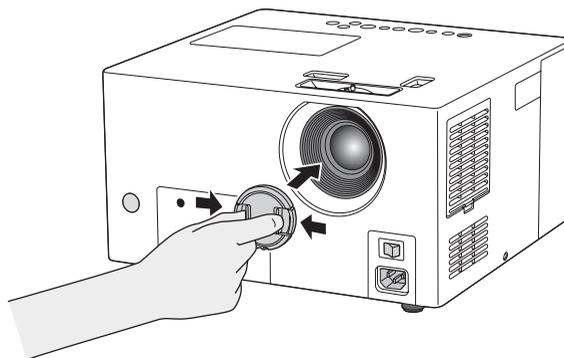
If you need to adjust the bass, use the Crossover knob on the back of the subwoofer.

Turning Off MovieMate

1. To stop playing a DVD or CD, press  on the remote control or on MovieMate's control panel.
2. Press  Open/Close to open the tray.
3. Remove the disc and press  again to close the tray.
4. Press  Power. The lamp turns off. When it cools down, MovieMate beeps twice.
5. Turn off the main power switch.



6. If you're using the subwoofer, turn it off and disconnect it from MovieMate.
7. Unplug MovieMate and the subwoofer.
8. Before you put MovieMate away, attach the lens cover.



Controlling Playback

You can use the buttons on the remote control or the MovieMate control panel to pause, fast-forward, or replay sections of your video. 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.

Pausing

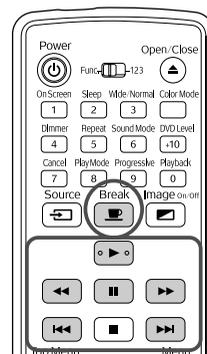
- To pause a movie, press  on the remote control or  on the control panel.

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

- To pause a movie and light up the screen temporarily (turning off the video), press  on the remote control or control panel.

- To resume, press  again. Pressing any of the following buttons also cancels break mode: , , , , .

Note: After 5 minutes in break mode, the lamp turns off and the screen darkens. After 30 minutes, the power shuts off, and you need to press  to turn it on again.



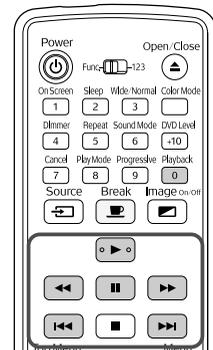
Searching (Fast Forward or Reverse)

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

You can also press  or  on the control panel.

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 increases.

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.

Replaying a Scene

- To replay the previous 10 seconds, press  (not available on all DVDs).

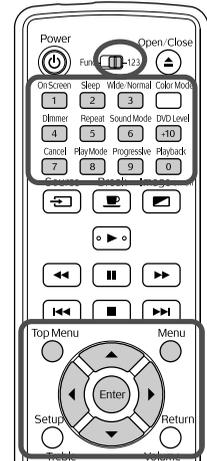
Using DVD Menus

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

- To display a menu, press  or .
- To select items on a menu, press , , , or . Then press  if necessary.

You can also use the numeric buttons to 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 -123 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 , then press .
- To enter the number 15, press , then press .
- To enter the number 20, press , then  again, then .
- To enter the number 25, press , then  again, then .
- After entering your number, you may need to press the  button.



Temporarily Stopping Audio or Video

- To temporarily stop the soundtrack (from the built-in speakers, headphones, and subwoofer), press . The video continues to play.
Press  again to resume.
- To temporarily stop the video (turn off the lamp and darken the screen), press . The soundtrack continues to play.
Press  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.

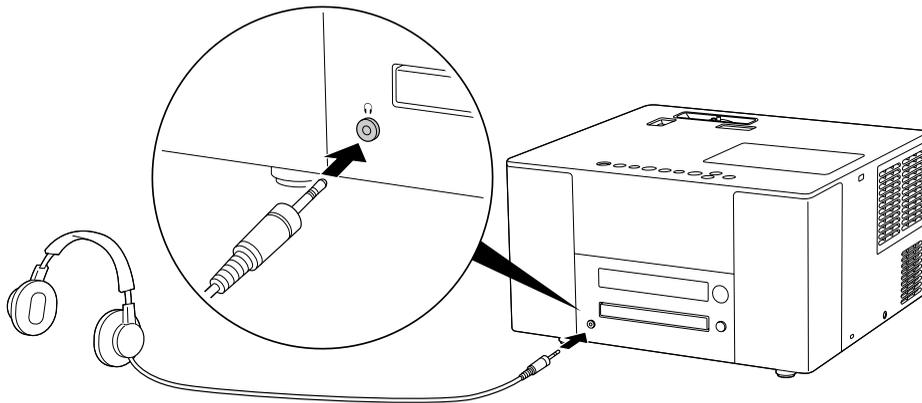
1. Press . The currently selected color mode is displayed on the screen.
2. Press  repeatedly until the desired color mode appears. After a few seconds, the color mode name disappears and the picture quality changes.

You can select from the following color modes:

- **Dynamic:** Use in brightly lit rooms.
- **Living Room:** Use in rooms with the blinds or drapes closed.
- **Theatre:** Use in rooms with the blinds or drapes closed and the lights off.
- **Theatre Black:** Use in completely darkened rooms. With this setting, the Epson cinema filter automatically provides more natural skin tones.

Listening with Headphones

Connect headphones as shown below:



After you connect headphones, you no longer hear any sound from the built-in speakers or subwoofer.

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 headphones.

Doing More with MovieMate

Follow the instructions in this section to play music and photos on MovieMate, use advanced playback controls, adjust various MovieMate features, and connect external audio and video equipment.

Playing Music and Displaying Photos

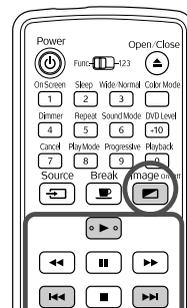
You can play audio CDs and CDs with MP3 or WMA files. You can also view JPEG photos on CDs.

Playing Music CDs

- To play a music CD, insert it in the tray, then press  on MovieMate's control panel or  on the remote control.

You can use most of the video playback features, including pause/resume, fast forward, reverse, and skipping to the next or previous track.

- You can also select a specific track by using the numeric buttons, as described on page 20. To use the numeric buttons, you need to set the toggle switch on the remote control to the -123 position.
- To turn off the lamp when playing music, press . Press  to turn the lamp back on again.



Note: When you play audio CDs, the lamp usually turns off automatically.

Playing MP3/WMA Music and JPEG Photo Files

You can play MP3 or WMA music files and JPEG photo files on CDs or DVDs. See page 53 for information on the types of discs that are supported.

When you insert a disc that contains MP3, WMA, and/or JPEG files, you see a menu like the following:

| FILE | PROGRAM | REPEAT | TRACK | TIME | --:--:-- | ▶ |
|-------------------|---------|--------|-------------------------------|------|----------|---|
| Group : XX / XXX | | | Track :XXXX/XXXX (Total XXXX) | | | |
| Group A | | | 5. Track 5 | | | |
| Group B | | | 6. Track 6 | | | |
| Group C | | | 7. Track 7 | | | |
| Group D | | | 8. Track 8 | | | |
| Group E | | | 9. Track 9 | | | |
| Track Information | | | 10. Track 10 | | | |
| Title | | | 11. Track 11 | | | |
| XXXXXXXXXXXXXXXX | | | 12. Track 12 | | | |
| Artist | | | 13. Track 13 | | | |
| XXXXXXXXXXXXXXXX | | | 14. Track 14 | | | |
| Album | | | 15. Track 15 | | | |
| XXXXXXXXXXXXXXXX | | | 16. Track 16 | | | |

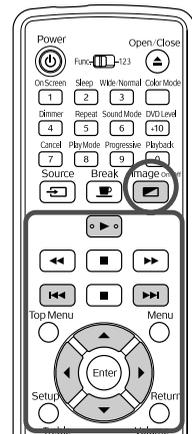
1. Press  to select the group.
2. Press  to move the pointer to the track (file name) list.
Press  to return the pointer to the group name list.
3. Press  to select the track.
4. Press  or  to begin playing the selected track or file.

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

For JPEG files, press  to begin playing a slideshow of all the photos, or press  to display individual photos.

- To turn off the lamp when playing music files, press .
- To turn the lamp back on, press  again.
- You can select program or random play following the instructions on page 26.
- When you play MP3 or WMA files, scrolling through the list of songs will pause the music until you highlight the next file.

Note: If your disc includes both music and photo files, use the Picture Setup menu to specify the type of files you want to play. See page 33 for instructions.



Using Advanced Playback Controls

MovieMate 25 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 remote control for easy access to these features.

Repeating a Chapter, Title, or Track

You can select a chapter or title on a DVD to repeat continuously (or loop). You can also loop a track on a music CD.

1. To repeat a chapter, title, or track, press . You see an icon on the screen: .
2. Press  again to cycle through the options for repeating.

On a video DVD, you can repeat a chapter or title.

On a music CD, you can repeat one track or all tracks.

3. To cancel repeat play, press  until  is displayed on the screen.

Repeating a Scene

You can use the on-screen menu to set the start and end point for continuously repeating a particular scene in a video (A-B repeat).

1. Press  twice. The on-screen menu is displayed:



2. Press  until  is highlighted, then press .
3. Press  and select .

Note: You can also select other repeat modes from this menu. See the previous section for more information.

4. When you reach the scene or track where you want to start, press .
5. When you reach the scene or track where you want to stop, press  again.
6. Press  to cancel the on-screen menu. The scene begins playing from the location you specified.

To cancel the repeating scene, press . This also stops the video.

Changing the Play Sequence (Program Play)

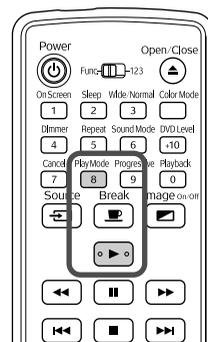
You can create your own program for playing tracks on a music CD or chapters and titles on a DVD.

1. When the CD or DVD is stopped, press ^{Play Mode} **8** until you see **PRGM** in the display window.
2. Set the toggle switch on the remote control to the **-123** position.
3. Use the numeric buttons to set the program order.
4. Press **▶** to begin playing your programmed sequence.
5. Set the toggle switch on the remote control back to the **Func.-** position.

■ To cancel individual items on the program screen, press ^{Cancel} **7**.

■ To cancel the program, press **■**.

■ To resume normal playback, press ^{Play Mode} **8** repeatedly until the display window returns to normal. The program remain in memory, and you can play it again by pressing ^{Play Mode} **8** again and selecting **PRGM**.



Playing at Random

You can select random play for tracks on a music CD or chapters and titles on a DVD.

1. When the CD or DVD is stopped, press ^{Play Mode} **8** repeatedly until you see **RANDOM** in the display window.
2. Press **▶** to begin playing tracks at random.

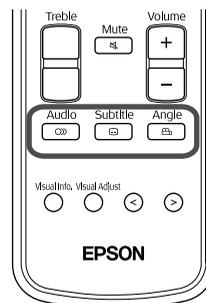
To resume normal playback, press ^{Play Mode} **8** repeatedly until the display window returns to normal.

Random play is also canceled when you open the tray or switch off the power.

Selecting Language, Subtitles, and Camera Angles

Some DVDs 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 .
 - To display subtitles, press . You may have a choice of subtitle languages.
 - To change camera angles, press .
2. Press the button repeatedly to display the options available.
3. Press  to select the setting you want. Wait a few seconds or press .



Note: You can also use the Language Setup menu, as described on page 30. For a list of language codes, see page 55.

Searching for a Specific Time

You can search for a specific time to begin playing a video (from the start of the title), or from the beginning of a music CD. After you start playing a music CD, you can search from the start of the current track.

Note: This feature may not be available on all DVDs or CDs.

1. Press  twice. The on-screen menu is displayed:



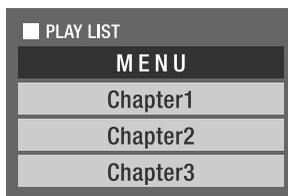
2. Press  until  is highlighted, then press .
3. Set the toggle switch on the remote control to the -123 position.
4. Enter the time using the numeric buttons.
 - For DVD videos, enter the time in hours, minutes, and seconds. For example, to play a video from 0 hours, 23 minutes, and 45 seconds, press the numeric buttons in this order:  →  →  →  → . If you make a mistake, press  to delete it, then enter the correct number.
 - For music CDs, enter the time in minutes and seconds.
5. Press .

6. Set the toggle switch on the remote control back to the Func.- position.

To cancel the on-screen menu, press ^{OnScreen} . The video (or CD) begins playing from the location you specified.

Playing Video CDs with Playback Control (PBC)

When you insert a video CD with playback control (PBC), you see a menu like the following:



- To select the item you want to play, set the toggle switch on the remote control to the -123 position, then use the numeric buttons as described on page 27.
- To display the next or previous menu page, press / when the menu is displayed.
- To open the menu during playback, press ^{Return}  repeatedly until the menu is displayed.
- To play without using the menu (play without PBC):

When the video is stopped, specify the track number that you want to see using the numeric buttons.

When the video is stopped, select the track number using / then press .

- To open the menu screen when playing back without PBC, press ^{Top Menu}  or ^{Menu} . Press  twice to stop playback, then press .

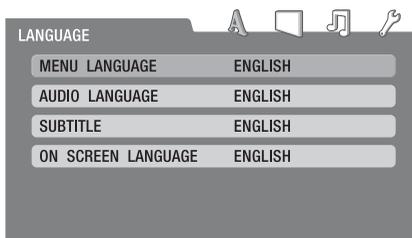
Customizing MovieMate

You can limit children's access, improve the sound, adjust the picture, and customize other features of MovieMate. Many of these settings are available through the Setup menus, which you can access by pressing the **Setup** button on the remote control (when a DVD is not playing).

Setting Parental Controls

You can set parental controls to prevent children from viewing inappropriate video material.

1. When a DVD is not playing, press the  button on the remote control. You see the **LANGUAGE** Setup menu:



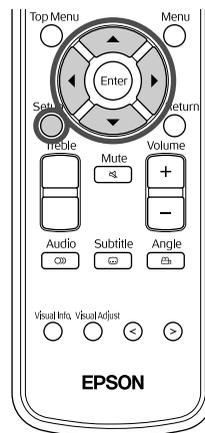
2. Press  to highlight  and display the **OTHERS** Setup menu.
3. Press  to highlight **Parental Lock**, then press  to select it.
4. Press  to highlight one of the settings, then press  to view your options.
5. Press  to select the option you want, then press  to save it.

To return to the previous menu level, press .

You can select from the following options for Parental Lock:

- **COUNTRY CODE:** Select **US**.
- **SET LEVEL:** The smaller the number, the greater the restriction. If you want to disable Parental Lock, select **NONE**.
- **PASSWORD:** Set the toggle switch on the remote control to the -123 position, then enter a 4-digit number using the numeric buttons. Press  to save the password.

Once a password is set, you will need to enter it before you can change the Parental Lock settings. If the wrong password is entered three times, the menu closes. If you forget your password, enter **8888**.



Locking the Tray

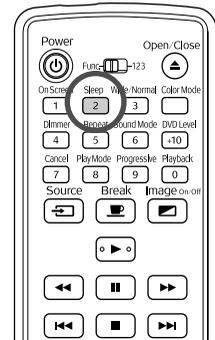
You can lock the tray to prevent children from playing with it.

- To lock the tray, press and hold the  button on the MovieMate control panel, then press . LOCKED appears briefly in the display window above the tray.
- To unlock the tray, press  and  again. UNLOCKED appears briefly in the display window.

Saving Power

You can select several settings that turn off the power automatically when MovieMate is not playing a disc. Power saving settings are not saved after you turn off MovieMate.

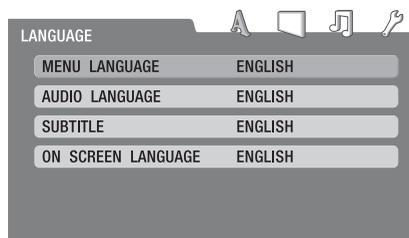
- To select a power-saving option, press . Continue pressing the button to select from the following settings:
 - **A. STBY ON:** The power switches off automatically after 3 minutes (Auto Standby).
 - **SLEEP 10:** The power switches off automatically after 10 minutes. You can select Sleep Timer settings up to 150 minutes.
 - **SLEEP OFF:** Power saving is disabled.



Changing Language Settings

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

1. When a DVD is not playing, press the  button on the remote control. You see the LANGUAGE Setup menu:



2. Press  to highlight the setting you want, then press  to display a list of languages.

- Press  to select the language you want, then press  to save it. For a list of language code definitions, see page 55.

To return to the previous menu level, press .

Adjusting the Resume and On-Screen Guide Settings

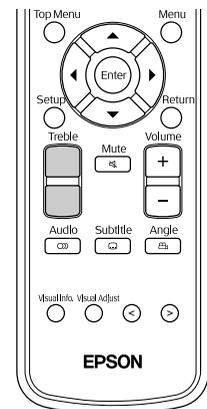
- When a DVD is not playing, press the  button on the remote control.
- Press  to highlight  and display the OTHERS Setup menu.
- Press  to highlight RESUME or On SCREEN GUIDE, then press  to display the ON/OFF selection box.
- Press  to select the setting you want, then press  to save it.
 - **RESUME:** This setting defines the way playback resumes after pausing. To have playback resume from the point where it was stopped, set to ON (the default). To have playback start from the beginning of the chapter, set to OFF.
 - **ON SCREEN GUIDE:** This setting, which is ON by default, briefly displays an indicator on the screen when you pause, resume, or use other playback controls. Select OFF if you don't want these indicators to be displayed.

To return to the previous menu level, press .

Adjusting the Audio

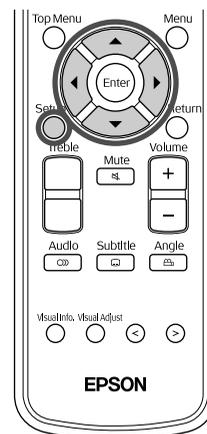
MovieMate provides several settings for adjusting the audio quality and volume.

- To adjust the treble, use the Treble buttons on the remote control.
- To adjust the bass, use the Crossover knob on the back of the subwoofer.
- To adjust the sound mode, press . Continue pressing the button to select the JVC original sound system setting that you prefer:
 - NATURAL:** Produces a broader, more natural sound.
 - SMOOTH:** Produces a sound that is more pleasant to the ear.
 - OFF:** Disables the JVC original sound system (default).



The default audio setting plays DVDs at a higher volume than other discs. You can adjust this setting if necessary.

- To adjust the DVD level, press $\boxed{+10}$ ^{DVD Level}. Continue pressing the button to select the level you prefer: DVD LEVEL 1, DVD LEVEL 2, or DVD LEVEL 3 (the highest volume and default setting).
- To adjust the settings in the Audio Setup menu, follow these steps:
 1. Press the Setup button on the remote control.
 2. Press Mute to highlight AUDIO and display the **AUDIO Setup** menu.
 3. Press Volume to highlight the setting you want, then press Enter to display the options.
 4. Press Volume to select the option you want, then press Enter to save it.
You can choose from the following:



DIGITAL AUDIO OUTPUT: Select the appropriate setting when you use external audio equipment connected to the Optical Audio-Out port.

- **STREAM/PCM:** For a DTS/Dolby Digital Decoder or surround sound system (default setting).
- **PCM ONLY:** For equipment that is only compliant with Linear PCM (Pulse Coded Modulation).
- **DOLBY DIGITAL/PCM:** For a Dolby Digital Decoder or similar equipment.

DOWN MIX: Select the signal from the Optical Audio-Out port, built-in speakers, and headphone jack.

- **DOLBY SURROUND:** For connecting to equipment with a built-in Dolby Pro-Logic decoder or using the built-in speakers or headphones (default setting).
- **STEREO:** For connecting to standard equipment.

D. RANGE COMPRESSION: Select the appropriate setting for the best DVD volume control.

- **ON:** Dynamic range compression is on at all times (default setting).
- **AUTO:** Dynamic range compression is selected automatically.

To return to the previous menu level, press Return .

Adjusting Picture Settings

The Picture Setup menu lets you select settings for your video source, screensaver, and MP3/WMA/JPEG files.

1. Press the  button on the remote control.
2. Press  to highlight  and display the PICTURE Setup menu.
3. Press  to highlight the setting you want, then press  to display the options.
4. Press  to select the option you want, then press  to save it. You can choose from the following:

PICTURE SOURCE

- **AUTO:** The image source (video/film) is determined automatically (default setting, recommended for most purposes).
- **FILM:** For film or video recorded with progressive scan.
- **VIDEO:** For video images without progressive scan, for example, camcorder input.

SCREEN SAVER: Select whether to fade out a projected still image after 5 minutes of inactivity.

FILE TYPE: Select the file format to display when you insert a disc that includes both MP3/WMA (**AUDIO**) and JPEG files (**PHOTO**).

To return to the previous menu level, press .

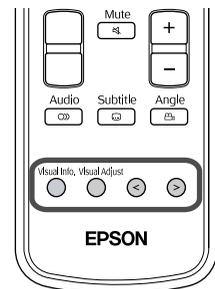
Adjusting Picture Quality

You can use the Visual Adjust button on the remote control to adjust the brightness, contrast, color saturation, tint, and sharpness of the image. If MovieMate is tilted up or down, you can also use this button to correct the non-rectangular “keystone” shape of the image.

1. Press the  button on the remote control. You see the following on the screen:



2. Press the  button until you see the item 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**
- **Keystone:** Corrects the distorted image shape caused by tilting MovieMate up or down, as shown.



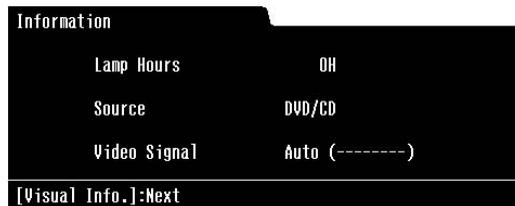
3. Press or to increase or decrease the setting.

The settings are saved, even after you turn MovieMate off.

Viewing and Adjusting Video Information

You can use the **Visual Info.** button on the remote control 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 adjust the video signal setting and select high altitude mode if necessary.

1. Press the button on the remote control. You see the following on the screen:



Note: If the lamp has been used less than 11 hours, 0H is displayed.

2. To adjust the video signal, reset the lamp hours, or select high altitude mode, continue pressing the button until you see the item you want to set. You can adjust the following items:
 - **Video Signal:** If you are using external video equipment and you see interference or other problems, select the appropriate signal for your equipment. For most purposes, leave this setting on **Auto**.
 - **High Altitude Mode:** If you are using MovieMate at an altitude above 4,900 feet, select **ON**.
 - **Lamp-Hours Reset:** After you replace the lamp, select **Yes** to reset the lamp timer.
3. Press or to change the setting.

Changing the Display Window Brightness

The status display window above the tray is normally dimmer when a DVD is playing and brighter when it is paused or stopped. You can change this setting as follows:

- To change the display window setting, press . Continue pressing the button to select from the following settings:
 - DIMMER OFF: The window remains bright, even when a DVD is playing.
 - DIMMER ON: The window remains dim, even when a DVD is not playing.
 - DIMMER AUTO: The window is dimmer when a DVD is playing and brighter when it is paused or stopped.

Disabling Progressive Mode

For the best image quality, MovieMate uses the progressive video display mode. You can change to the interlaced mode if the picture appears jittery, for example, when you use certain external equipment.

- To change from progressive to interlaced display mode, press .

Using External Video and Audio Equipment

You can connect a VCR, game console, video camera, or other device that has a video output port (either composite video or S-Video). You can also connect an AV amplifier or other audio equipment that has a digital audio input port.

Viewing Video from External Devices

You can connect to external video devices that have composite video or S-Video ports. If your device has both types of ports, use S-Video for higher quality. To play audio from external sources, you will also need to connect standard white and red audio jacks to MovieMate's L and R Audio inputs.

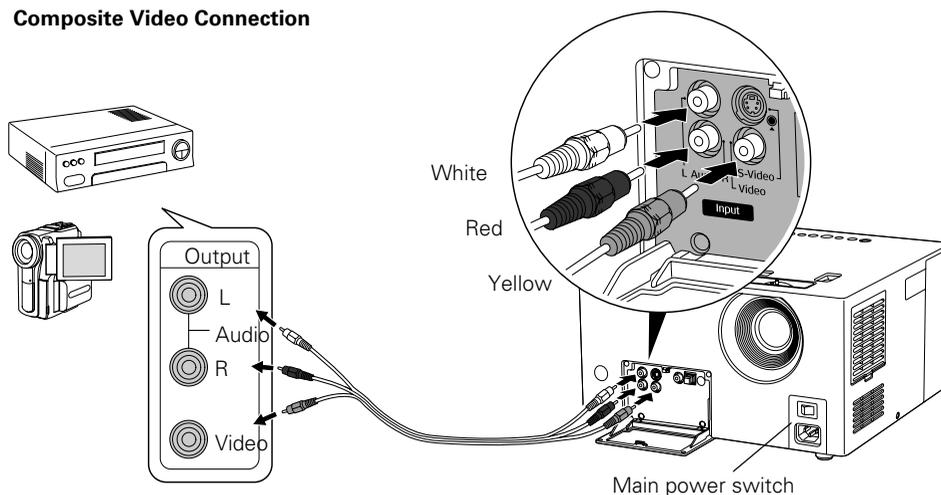
When you view video from an external source, you can use most of MovieMate's controls, including adjusting color mode, volume, DVD level, and sound mode.

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

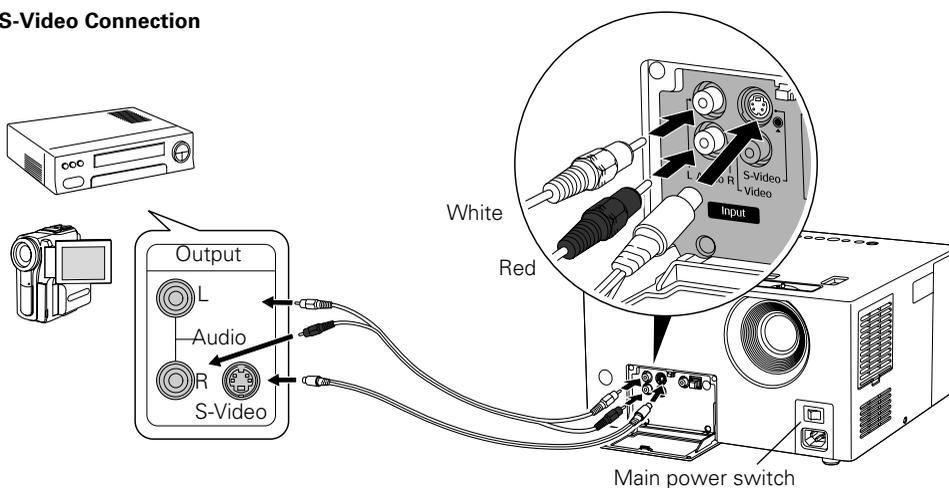
Caution: Before connecting, make sure all equipment is turned off.

1. Connect the external equipment as shown, using either the yellow composite video port or the S-Video port.

Composite Video Connection



S-Video Connection



2. Connect the power cords and plug in all the equipment.
3. Turn on MovieMate's main power switch.
4. Press the  **Power** button on MovieMate or on the remote control.
5. Press the  **Source** button on MovieMate or on the remote control.
6. Turn on the power to the connected video equipment, then start playing the video.

Note: After you disconnect your external equipment, make sure you close MovieMate's port compartment cover.

Adjusting the Audio from External Devices

You can use all of MovieMate's audio controls, as described on pages 31 and 32.

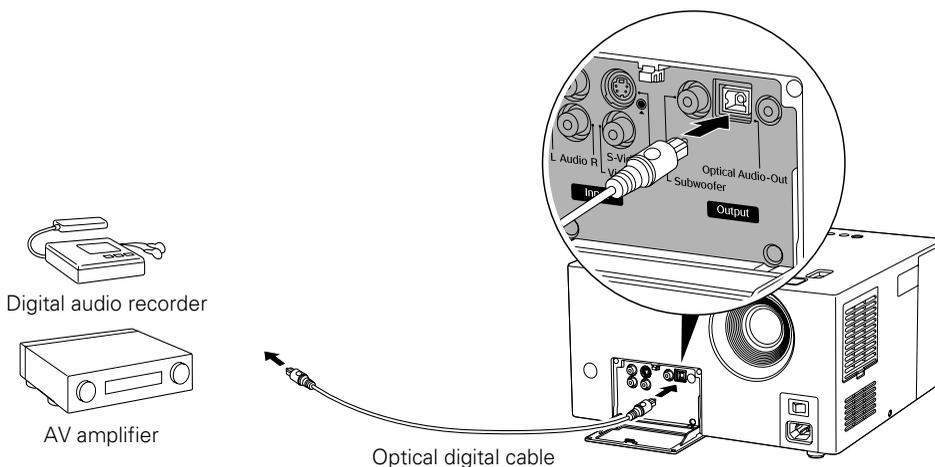
You can also adjust the volume input level by pressing and holding the  button for approximately 2 seconds. LEVEL 1 appears on MovieMate's display window. Press and hold the button again to select LEVEL 2 and increase the volume.

Using an External Audio System or Digital Audio Recorder

You can connect MovieMate to an AV amplifier, surround sound system, or digital audio recorder. To output sound from MovieMate, the external equipment needs to have an optical audio input port.

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

1. Remove the protective cap from the Optical Audio-Out port as shown below.
2. Make sure the equipment is turned off, then connect the cable as shown:



You may need to adjust the volume or change the Digital Audio Output or Downmix settings in the Audio Setup menu. See page 32 for more information. Make sure you use the Stream/PCM setting for surround sound systems.

Note: After you disconnect your external audio equipment, make sure you replace the cap on the Optical Audio Out port and close MovieMate's port compartment cover.

Caring for MovieMate

MovieMate 25 needs little maintenance. All you need to do on a regular basis is keep the lens clean. You also need to clean the air filter periodically to prevent overheating.

Warning: Before you clean any part of MovieMate, turn it off and unplug the power cord. Never open any part of MovieMate, 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 52).

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 MovieMate.

Cleaning the Lens

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

- Use a canister of compressed air to remove dust.
- To remove dirt or smears, 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 MovieMate's Case

Before you clean the case, turn off MovieMate 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 MovieMate.

Cleaning and Replacing the Air Filter

Clean the air filters 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.

If the air filters are not cleaned periodically, they can become clogged with dust, preventing proper ventilation. This can cause overheating and damage MovieMate.

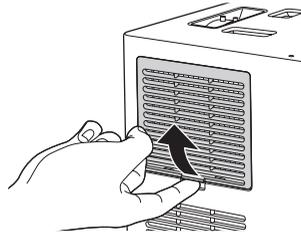
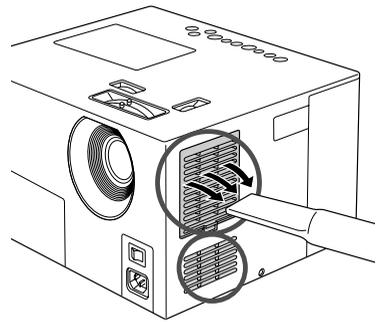
1. Turn off the main power switch and unplug MovieMate.
2. Use a small vacuum cleaner designed for computers and other office equipment to clean the filters, as shown.

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

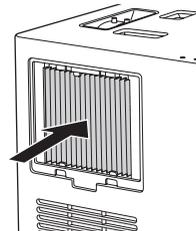
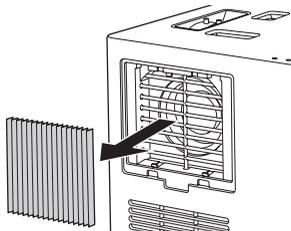
You can purchase a new filter (part # V13H13409) from an authorized Epson reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766).

In the U.S., you can also purchase online at www.epsonstore.com. In Canada, you can also purchase at www.epson.ca or (800) 807-7766.

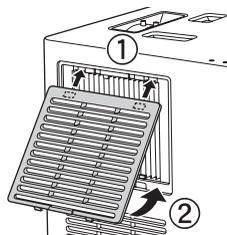
3. If you need to replace the filter, press up on the tab and lift off the cover.



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



5. Replace the cover.



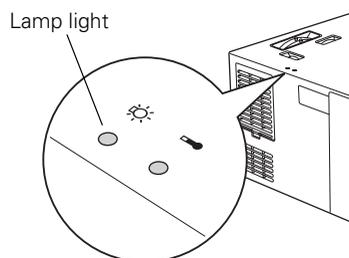
Replacing the Lamp

The life span of the lamp is about 3000 hours if the color mode is consistently set to **Theatre Black**, and 2000 hours if any other color mode is used. For instructions on changing the color mode, see page 21. You can check how long the lamp has been used, as described on page 34. If the number shown is close to the limit, make sure you have a spare lamp handy.

Note: Lamp life results vary depending on environmental conditions and usage. Turn the projector off when not in use. Continuous 24-hour-a-day use may reduce the overall life of the entire product.

It's time to replace the lamp when:

- The projected image gets darker or starts to deteriorate.
- The lamp status 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 # V13H010L33) from an authorized Epson reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766).

In the U.S., you can also purchase online at www.epsonstore.com. In Canada, you can also purchase at www.epson.ca or (800) 807-7766.

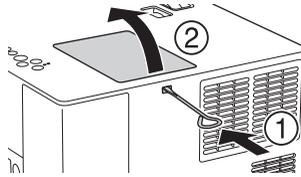
Be sure to read the “Important Safety Information” on page 57 before replacing the lamp.

Follow these steps to replace the lamp:

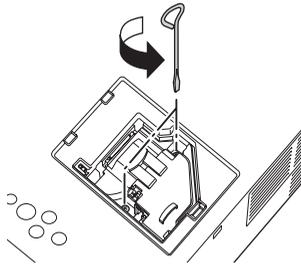
1. Turn off the main power switch and disconnect the power cord.
2. If the projector has been on, let it cool for at least an hour.

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

3. Insert a small screwdriver into the lamp cover release slot, pushing it in gently to release the lamp cover.

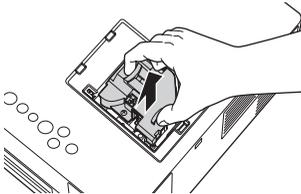


4. Loosen the two silver screws holding the lamp in place. (You can't remove these screws.)



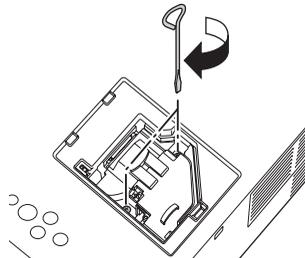
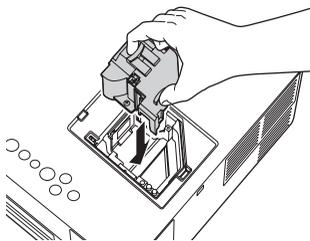
5. Grasp the lamp as shown and pull it straight out.

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

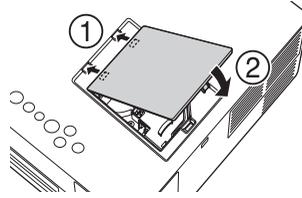


6. Gently insert the new lamp and tighten its screws.

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.



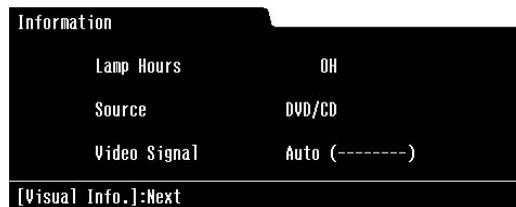
7. To replace the lamp cover, insert the tabs and then snap the cover into place. (MovieMate won't work if the lamp cover is loose.)



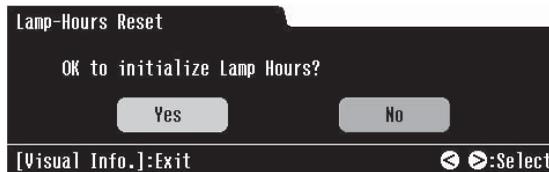
After replacing the lamp, you need to reset the lamp timer, as described in the next section.

Resetting the Lamp Timer

1. Press the ^{Visual Info.}  button on the remote control. You see the following on the screen:



2. To reset the lamp timer, continue pressing the ^{Visual Info.}  button until you see this display:



3. Press  or  to select Yes.
4. Press the ^{Visual Info.}  button to reset the timer.

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

Storing MovieMate

Follow these guidelines when storing MovieMate:

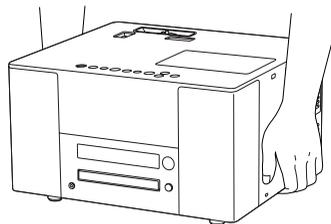
- Make sure the temperature and humidity of the storage area are within the recommended range for the projector: 14 to 140 °F (–10 to 60 °C) and 10 to 90% relative humidity without condensation.
- Attach the lens cover.
- Remove the batteries from the remote control.
- Package MovieMate in its original packaging or equivalent (as described in the following section).

Transporting MovieMate

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

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

- When shipping MovieMate 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 MovieMate. Be sure the carrier is capable of transporting fragile equipment and is aware that MovieMate is fragile. Remove the lens cover and wrap it separately.
- If you move MovieMate 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 MovieMate. If condensation forms, turn on the main power switch, then wait an hour or two before use.
- When you are hand-carrying MovieMate, remove all discs, close the tray, and make sure the lens cover is securely in place. To avoid damaging the mesh covering the speakers, lift MovieMate as shown below:



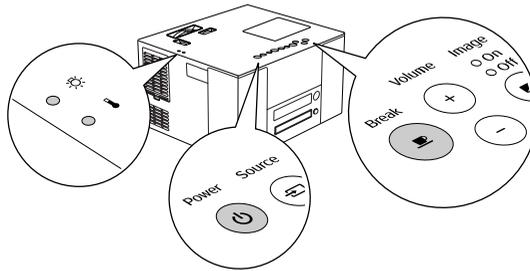
Problem Solving

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

What To Do When the Lights Flash

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

If all lights are off, make sure the power cable is connected correctly and the main power switch is turned on.



The Image Off light is orange.

MovieMate is in sleep mode. Press the  Power button to turn it on.

The Image On light is flashing green.

MovieMate is warming up. Wait for the picture to appear.

The Image Off light is flashing orange.

MovieMate is cooling down. Wait until the light stops flashing, then turn off the main power switch.

The  button is flashing green.

Press the  button to return to normal operation.

The 🔔 warning light is flashing orange.

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

Clean or replace the air filters if necessary (see page 40). If you are using MovieMate at an altitude above 4,900 feet (1500 meters), turn on High Altitude Mode (see page 34).

The 🔧 warning light is flashing orange.

The lamp needs to be replaced. See page 41.

The ⏻ Power button is flashing orange and green and the 🔔 warning light is red.

MovieMate is too hot and has turned off the lamp. Make sure MovieMate is at least 8 inches away from the wall.

Clean or replace the air filters if necessary (see page 40). If you are using MovieMate at an altitude above 4,900 feet (1500 meters), turn on High Altitude Mode (see page 34).

Let MovieMate cool for five minutes, then turn it back on. If the status doesn't change, unplug MovieMate and contact Epson. See page 52.

The ⏻ Power button is flashing orange and green 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 and check the lamp. See page 43. If the lamp is broken, or the lights continue to flash after you turn the power back on, unplug the power cord and contact Epson. See page 52.

The ⏻ Power button is flashing orange and green and the 🔔 warning light is flashing red.

MovieMate has a problem with its fan or temperature sensor. Unplug the power cord and contact Epson. See page 52.

The ⏻ Power button is flashing orange and green and both 🔧 🔔 warning lights are flashing red.

MovieMate may have an internal error. Turn off the power, then turn it back on. If the lights continue to flash, unplug the power cord and contact Epson. See page 52.

Solving MovieMate Operation Problems

MovieMate doesn't turn on.

- Make sure the main power switch is turned on.
- If the Image On light is flashing green, MovieMate is warming up. Wait for the picture to appear.
- If the Image Off light is flashing orange, MovieMate is cooling down. Wait until the light stops flashing, then press the  Power button to turn on MovieMate.
- If the  Power light is green and not flashing, MovieMate is operating normally. Make sure the lens cover is off. Press the  button on MovieMate or on the remote control to make sure the picture hasn't been turned off temporarily.
- Turn off the main power switch, and 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 MovieMate, disconnect the power cord, and contact Epson. See page 52.

MovieMate turns itself off after a period of time.

The Sleep or Auto Standby functions may be turned on to save power when MovieMate is not in use. Press the  Power button to turn on MovieMate. For more information about power saving functions, see page 30.

No picture appears on the screen.

- Make sure MovieMate is turned on (the  Power light is green and not flashing). If the Image On light is flashing green, wait for MovieMate to warm up. If the Image Off light is flashing orange, wait until it stops flashing, then press the  Power button.
- Make sure the lens cover is off.
- The image may be off the screen. Use the lens shift dials to adjust its position. See page 16.
- Press the  button on MovieMate or on the remote control to make sure the picture hasn't been turned off temporarily.
- Make sure MovieMate is not tilted. Tilting it more than 5 degrees up or down may cause disc problems. Use the vertical lens shift dial to adjust the image position.
- Make sure the region code on the DVD is 1.

- Check the  warning light. If it is flashing orange or red, you need to replace the lamp. See page 41.
- If you're using external video equipment, check the solutions on page 51.

The DVD skips.

- Make sure MovieMate is not tilted. Tilting it up more than 5 degrees may cause skipping or disc scratches. Use the vertical lens shift dial to adjust the image position.
- Make sure there are no fingerprints on the DVD.

The remote control doesn't work.

- Make sure the toggle switch is in the correct position: set to **-123** to use the numeric buttons, or to **Func.-** to use the other functions of these buttons.
- Make sure you're within 22 feet of MovieMate, 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 MovieMate. 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 16.
- Make sure the lens cover is off.
- There may be dirt on the lens. Clean the lens as described on page 39.
- Make sure the lens is not fogged by condensation. If you've just moved MovieMate from a cold environment, wait approximately an hour before using it. If condensation forms, turn on the main power switch, then wait an hour or two before use.
- Make sure MovieMate is placed the correct distance from the screen: no closer than 2.4 feet (73 cm) and no farther than 37 feet (11.37 m).
- Adjust the **Sharpness** setting. See page 33.

- If you're using the **Keystone** adjustment, be aware that it lessens image quality. You may wish to decrease the projection angle to reduce the amount of keystone correction needed, or use the lens shift dials to position the image. See page 16.
- If you're using external video equipment, check the solutions on page 51.

The picture looks too light or too dark.

- Press the  button on the remote control to select the best setting for your viewing environment. See page 21.
- Adjust the **Brightness** and **Contrast** settings. See page 33.
- The screensaver feature fades out the picture if a still image is projected for more than 5 minutes. See page 33.
- If the picture looks darker than it used to, you may need to replace the lamp. See page 41.

The colors on the screen don't look right.

- Press the  button on the remote control to select the best setting for your viewing environment.
- Adjust the **Color Saturation** or **Tint** settings. See page 33.
- If you're using external video equipment, check the solutions on page 51.

The picture is wider at the top or bottom.

- You've tilted MovieMate to raise or lower the image, causing it to become "keystoned." Use the **Keystone** setting to correct the problem. See page 33.
- Better yet, place MovieMate at a height approximately between the top and bottom of the screen, keeping it level, and then use the vertical lens shift dial to position the image (see page 16). You won't have to correct for keystone distortion this way, and you'll get a better-looking image.

The picture is taller on the left or right side.

MovieMate is set at an angle to the screen. Face it squarely toward the screen, and then use the horizontal lens shift dial to center the image. See page 16.

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

- Try pressing the + Volume button on MovieMate or remote control and turning the volume knob on the subwoofer.
- Press the  button on the remote control to make sure the sound hasn't been turned off temporarily.
- Press  and make sure DVD LEVEL 3 is selected for the highest volume.
- If you're using external video equipment, make sure you connect the red and white audio jacks to MovieMate's audio ports (see page 36).
- If you're using an external audio or surround sound system, adjust the settings in the AUDIO setup menu (see pages 31 and 32).
- If you're playing MP3 audio files, you might need to select the FILE TYPE in the PICTURE setup menu (see pages 33 and 33).

There is a problem with the sound quality.

- Try adjusting the CROSSOVER knob on the back of the subwoofer.
- Try adjusting the sound mode (page 31).
- If you're using an external audio or surround sound system, adjust the settings in the AUDIO setup menu (see pages 31 and 32).
- Try using the Treble buttons on the remote control.

There is no sound coming from the subwoofer.

- Make sure you use the audio cable to connect the subwoofer to MovieMate.
- Make sure the subwoofer's power switch is turned on.
- Try adjusting the volume knob on the front of the subwoofer.
- Try adjusting the volume on MovieMate.

Subtitles do not appear.

- The DVD might not include subtitles.
- Make sure the subtitle language is not set to OFF (see page 30).

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  Power button on MovieMate or on the remote control.
- Press the  or Play button on the external equipment.
- Make sure you don't have cables connected to both the S-video and Video ports. You can only use one connection at a time (see pages 35 and 36).

You see the message No Signal.

- Make sure the equipment is turned on.
- Make sure your cable(s) are connected correctly (see pages 35 and 36).
- Press the  button on MovieMate or the remote control to select the external video source. Allow a few seconds for MovieMate to sync up.

You see the message Signal not supported.

Press the  button on the remote control and check the Video Signal setting (see page 34).

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

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

The picture is distorted.

- If you're using an extension cable, electrical interference may affect the signal.
- Check the solutions on pages 48 and 49.

The colors are not right.

- Press the  button on the remote control and check the Video Signal setting (see page 34).
- Press the  button on the remote control to select the best setting for your viewing environment.
- Adjust the Color Saturation or Tint settings. See page 33.

Where To Get Help

Epson provides technical assistance 24 hours a day at <http://support.epson.com>. Here you can access troubleshooting information, download product documentation, and receive technical advice through e-mail.

To use the Epson PrivateLine Support service, call (800) 637-7661 and enter the PIN on the Epson PrivateLine Support card that came with MovieMate. This is the fastest way of speaking to a live representative, and it's free. This service is available 6 AM to 6 PM, Pacific Time, Monday through Friday, for the duration of your warranty period.

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

- U.S.: (562) 276-4394, 6 AM to 6 PM, Pacific Time, Monday through Friday
- Canada: (905) 709-3839, 6 AM to 6 PM, Pacific Time, Monday through Friday

Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (Epson MovieMate 25)
- Product serial number (located on the bottom of MovieMate)
- Description of the problem

You can purchase lamps and accessories from an authorized Epson reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766).

In the U.S., you can also purchase online at www.epsonstore.com.

In Canada, you can also purchase at www.epson.ca or (800) 807-7766.

Note: If you need assistance with the subwoofer, please contact Aura™ Sound at (562) 447-1780. If you need assistance with the screen, see the information included in the screen box.

Specifications and Notices

This section includes specifications, safety instructions, and other important information about your MovieMate.

MovieMate Specifications

General

| | |
|-------------------------------|--|
| Type of display | Poly-silicon TFT active matrix |
| Size of LCD panels | 0.55 inch (14 mm) wide |
| Lens | F=1.7 to 2.1, f=13.7 to 20.5 mm |
| Resolution (native format) | 854 × 480 pixels, 480p |
| Brightness | up to 1200 lumens (ANSI) |
| Contrast ratio | up to 1000:1 |
| Image size | 30 to 300 inches (0.76 to 7.6 m) |
| Projection distance | 2.4 to 37.3 feet (0.73 to 11.37 m) |
| Speakers | JVC Direct Drive Technology (10W × 2) 40 W powered subwoofer |
| Zoom ratio | 1:1.5 |
| Lens shift (maximum) | 50% vertically, 25% horizontally |
| Optical aspect ratio | Native 16:9 (4:3 resize) |
| DVD Unit | JVC Digital Direct Progressive Scan System Audio: DTS and Dolby 5.1 Media: DVD Video, DVD-R/RW, Video CD, Super Video CD, Audio CD, MP3 (CD-R/RW), WMA (CD-R/RW), JPEG (CD-R/RW) See page 56 for detailed file specifications. |
| Noise level | 26 dB/33 dB |
| Keystone correction | Vertical: -15° to +15° |
| Tilt angle | Maximum 5° |

Remote Control

| | |
|---------|-----------------------|
| Range | Approx. 23 feet (7 m) |
| Battery | AA × 2 |

Projection Lamp

| | |
|-------------|--|
| Type | 135 W UHE (Ultra High Efficiency) |
| Part number | ELPLP33, V13H010L33 |
| Lamp life | Approx. 2000 hours (all color modes except Theatre Black) Approx. 3000 hours (Theatre Black mode) |

Note: Lamp life results vary depending on environmental conditions and usage. Turn the projector off when not in use. Continuous 24-hour-a-day use may reduce the overall life of the product.

Dimensions

| | |
|--------|----------------------|
| Height | 7.1 inches (180 mm) |
| Width | 13.4 inches (340 mm) |
| Depth | 12.2 inches (310 mm) |
| Weight | 15.4 lb. (7.2 kg) |

Electrical

| | |
|-------------------|----------------------------------|
| Rated voltage | 100 to 240 VAC |
| Rated frequency | 50/60 Hz |
| Power consumption | Operating: 230 W Standby: 6 W |

Environmental

| | |
|--------------------|--|
| Temperature | Operating: 41 to 95 °F (5 to 35 °C) Storage: 14 to 140 °F (–10 to 60 °C) |
| Humidity | Operating: 20 to 80% RH, non-condensing Storage: 10 to 90% RH, non-condensing |
| Operating altitude | 7500 feet (2280 m) |

Safety and Approvals

| | |
|---------------|--|
| United States | FCC 47CFR Part 15B Class B (DoC) UL60950 Rev. 3, UL60065 Rev. 7 |
| Canada | ICES-003 Class B CSA C22.2 No.60950, No.60065 |

Language Codes

| Code | Language | Code | Language | Code | Language | Code | Language |
|------|-------------------|------|---------------------|------|--------------------|------|------------|
| AA | Afar | GD | Scots Gaelic | MK | Macedonian | SN | Shona |
| AB | Abkhazian | GL | Galician | ML | Malayalam | SO | Somali |
| AF | Afrikaans | GN | Guarani | MN | Mongolian | SQ | Albanian |
| AM | Ameharic | GU | Gujarati | MO | Moldavian | SR | Serbian |
| AR | Arabic | HA | Hausa | MR | Marathi | SS | Siswati |
| AS | Assamese | HI | Hindi | MS | Malay (MAY) | ST | Sesotho |
| AY | Aymara | HR | Croatian | MT | Maltese | SU | Sundanese |
| AZ | Azerbaijani | HU | Hungarian | MY | Burmese | SV | Swedish |
| BA | Bashkir | HY | Armenian | NA | Nauru | SW | Swahili |
| BE | Byelorussian | IA | Interlingua | NE | Nepalese | TA | Tamil |
| BG | Bulgarian | IE | Interlingua | NL | Dutch | TE | Telugu |
| BH | Bihari | IK | Inupiak | NO | Norwegian | TG | Tajik |
| BI | Bislama | IN | Indonesian | OC | Occitan | TH | Thai |
| BN | Bengali Bangla | IS | Icelandic | OM | (Afan) Oromo | TI | Tigrinya |
| BO | Tibetan | IW | Hebrew | OR | Oriya | TK | Turkmen |
| BR | Breton | JI | Yiddish | PA | Punjabi | TL | Tagalog |
| CA | Catalan | JW | Javanese | PL | Polish | TN | Setswana |
| CO | Corsican | KA | Georgian | PS | Pashto, Pushto | TO | Tongan |
| CS | Czech | KK | Kazakh | PT | Portuguese | TR | Turkish |
| CY | Welsh | KL | Greenlandic | QU | Quechua | TS | Tsonga |
| DA | Danish | KM | Cambodian | RM | Rhaeto- Romance | TT | Tatar |
| DZ | Bhutani | KN | Kannada | RN | Kirundi | TW | Twi |
| EL | Greek | KO | Korean (KOR) | RO | Rumanian | UK | Ukranian |
| EO | Esperanto | KS | Kashmiri | RU | Russian | UR | Urdu |
| ET | Estonian | KU | Kurdish | RW | Kinyarwanda | UZ | Uzbek |
| EU | Basque | KY | Kirghiz | SA | Sanskrit | VI | Vietnamese |
| FA | Persian | LA | Latin | SD | Sindhi | VO | Volapuk |
| FI | Finnish | LN | Lingala | SG | Sangho | WO | Wolof |
| FJ | Fijian | LO | Laotian | SH | Serbo- Croatian | XH | Xhosa |
| FO | Faroese | LT | Lithuanian | SI | Singhalese | YO | Yoruba |
| FY | Frisian | LV | Latvian, Lettish | SK | Slovak | ZU | Zulu |
| GA | Irish | MG | Malagasy | SL | Slovenian | | |
| | | MI | Maori | SM | Samoan | | |



Pixelworks™ DNX™ ICs are used in this projector.

Compatible Video Formats

MovieMate supports analog TV (NTSC, PAL, SECAM) with composite video or S-Video connection. Images are automatically resized, if necessary, to display in the projector's native resolution.

| Signal | Resolution | Normal Aspect Mode | Wide Aspect Mode |
|-----------------|------------|--------------------|------------------|
| TV (NTSC) | 640 × 480 | 640 × 480 (4:3) | 854 × 480 (16:9) |
| TV (PAL, SECAM) | 768 × 576 | 640 × 480 (4:3) | 854 × 480 (16:9) |

File Specifications

MovieMate supports MP3, WMA, and JPG files that conform to the following specifications:

| | |
|------------------------|---|
| File system | ISO9660 level 1 or level 2 (Discs that have been recorded in the packet write [UDF] format cannot be read.) |
| Filename | Half-width English characters only, with .mp3, .wma, .jpg, or .jpeg file extensions. |
| Group (folder) count | up to 99 |
| Track (file) count | up to 1000 |
| Bitrate | MP3: 32 to 320 kbps WMA: 64 to 160 kbps |
| Sampling frequency | 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz |
| Total number of pixels | up to 8192 × 7680 |

MovieMate can play multi-session recorded discs, but not multiple bitrate files.

MovieMate supports baseline JPEG files created by a digital camera and conforming to the DCF (Design rule for Camera File system) standard. Monochrome JPEG, progressive JPEG, and motion JPEG files are not supported. Certain digital camera functions such as automatic rotation may not be supported.

Important Safety Information

Follow these safety instructions when setting up and using MovieMate:

- 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 and its 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 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. Unplug the projector from the wall outlet before cleaning.
- 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.
- (Hg) The lamp in this product contains 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 inhaling or contact with the gases inside the lamp if it breaks.
- 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.
- 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.
- 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 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 when 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.
- Dispose of used batteries according to local regulations.
- Remove the batteries if you won't be using the projector for a long period of time.
- 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.
- Material or paper may get stuck against the air filter underneath the projector while it is in use. Remove anything from underneath the projector that might get stuck against the air filter in this way.
- Don't place 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 (see page 54). Doing so may cause an unstable display and could lead to projector damage.
- Don't store the projector outside of the required temperature range (see page 54) 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 of space between the exhaust ventilation slots and the wall or other object.

- Make sure there is at least 4 inches of space between the intake ventilation slots and the wall or other object.
- Do not use the projector with the lens cover on; otherwise, the cover could melt and cause injury.
- 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 cord included with this product contains chemicals, including lead, known to the State of California to cause birth defects or other reproductive harm. *Wash hands after handling.* (provided in accordance with Proposition 65 in Cal. Health & Safety Code § 25249.5 et seq)

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 or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification 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 meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Declaration of Conformity

According to 47CFR, Part 2 and 15 for Class B Personal Computers and Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal Computers:

We: Epson America, Inc.
Located at: 3840 Kilroy Airport Way
MS 3-13
Long Beach, CA 90806
Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: Epson
Type of Product: Projector
Model: EMP-TWD1
Marketing Name: MovieMate 25

Epson America, Inc. Limited Warranty

What Is Covered: Epson America, Inc. (“Epson”) warrants to the original end user customer that the Epson product enclosed with this limited warranty statement, if purchased and used in the United States or Canada, conforms to the manufacturer’s specifications and will be free from defects in workmanship and materials for a period of two (2) years from the date of original purchase (except that the warranty period is 90 days for projector lamps). For warranty service, you must provide proof of the date of original purchase.

What Epson Will Do To Correct Problems: Should your Epson projector require service during the warranty period, Epson will, at its option, exchange or repair the projector without charge for parts or labor. If Epson authorizes an exchange for the defective unit, Epson will ship a replacement projector to you, freight prepaid, to an address in Canada or the U.S. (excluding Puerto Rico and U.S. Possessions). Shipments to other locations will be made freight collect. You are responsible for securely packaging the defective unit and returning it to Epson within five (5) working days of receipt of the replacement. Epson requires a debit or credit card number to secure the cost of the replacement projector in the event that you fail to return the defective one. If your projector is being repaired by carry-in warranty service, please bring the product securely packaged in its original container or an equivalent to your Epson Dealer or Epson Customer Care Center. Epson will, at its option, repair or replace on an exchange basis the defective unit, without charge for parts or labor. When warranty service involves the

exchange of the product or of a part, the item replaced becomes Epson property. The exchanged product or part may be new or previously repaired to the Epson standard of quality, or, at Epson's option, may be another model of like kind and quality. Exchange or replacement products assume the remaining warranty period of the product covered by this limited warranty, except that each replacement lamp carries the limited 90-day warranty stated above.

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To locate the Authorized Epson Servicer nearest you, call the Epson ConnectionSM at (800) 637-7661 + PIN or (562) 276-4394 in the U.S. and (905) 709-3839 in Canada, or write to: Epson America, Inc., P.O. Box 93012, Long Beach, CA 90809-3012.

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