



Epson® MovieMate™ 25

User's Guide




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Introduction

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 on an 80-inch screen in the comfort of your own home.

MovieMate offers these outstanding features:

- An 80-inch pull-up screen
- Flexibility to set up in any room (or even outdoors), from 6.5 feet to 24 feet away from the screen
- 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
- Long-life bulb providing up to 3000 hours of use
- Two-year express service warranty

Registration and Warranty

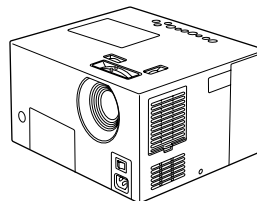
The Epson MovieMate comes with a basic two-year carry-in warranty. For details, see page 71.

In addition, for customers who register their projector, Epson offers free Epson Extra CareSM Home Service. 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.

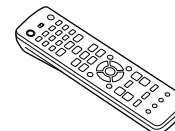
To register, simply fill out the registration card that came with your projector and mail it to Epson. Or you can register online at <http://www.epson.com/webreg>. Registering also lets you receive special updates on new accessories, products, and service.

Unpacking

After unpacking your MovieMate, make sure you have all the parts shown below:



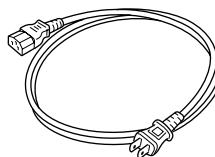
MovieMate 25



Remote control



AA batteries



Power cable



Lens cover

Your MovieMate also includes an 80-inch pull-up screen.

Accessories

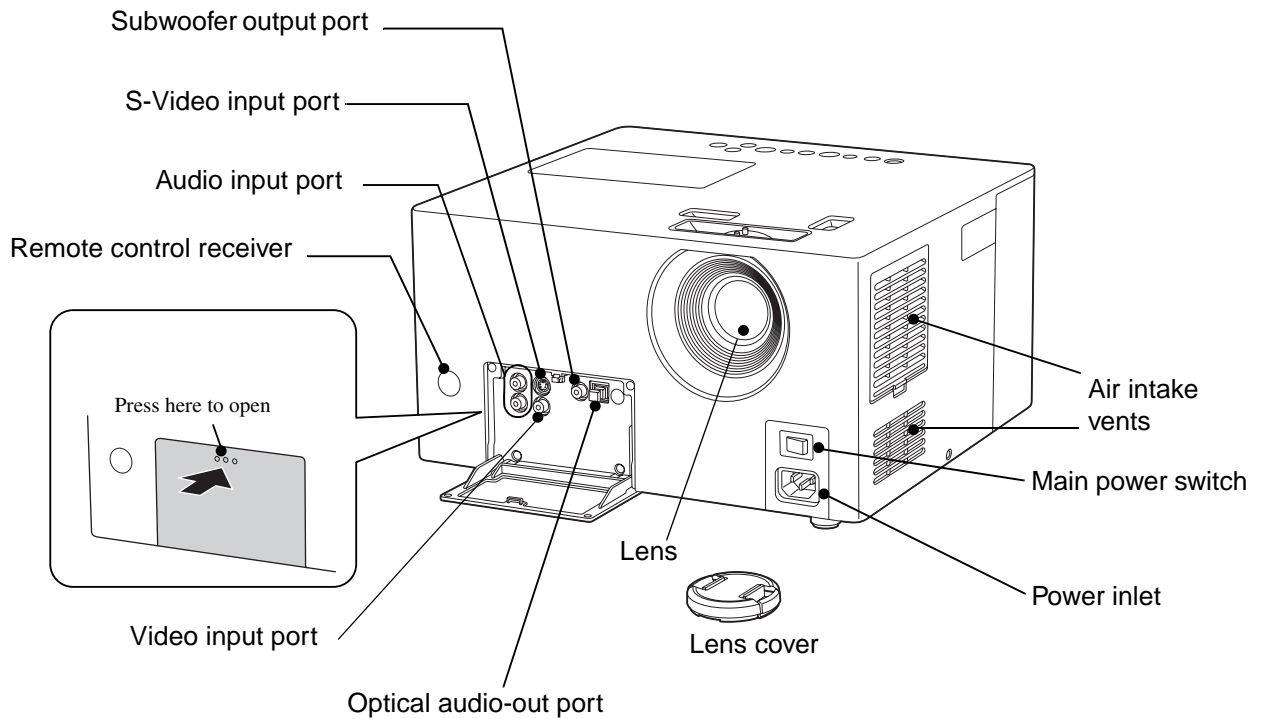
Epson provides the following optional accessories and consumables:

Product	Part number
Replacement lamp (ELPLP33)	V13H010L33
Replacement air filter (ELPAF09)	V13H134A09
Powered Subwoofer	

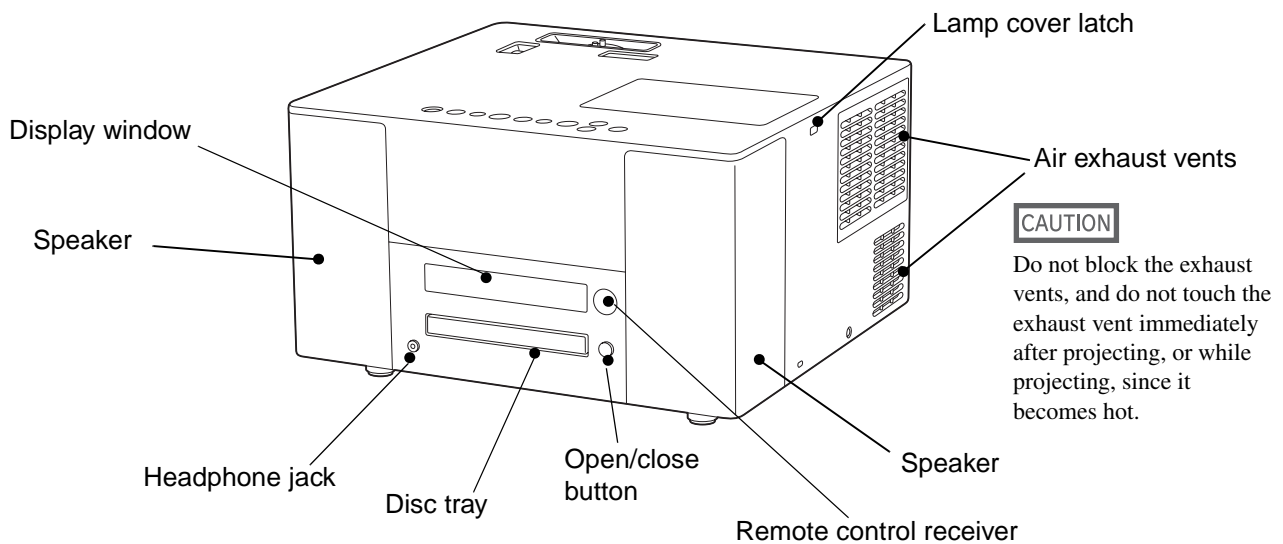
You can purchase many of these accessories from your dealer or by visiting the Epson StoreSM at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Parts

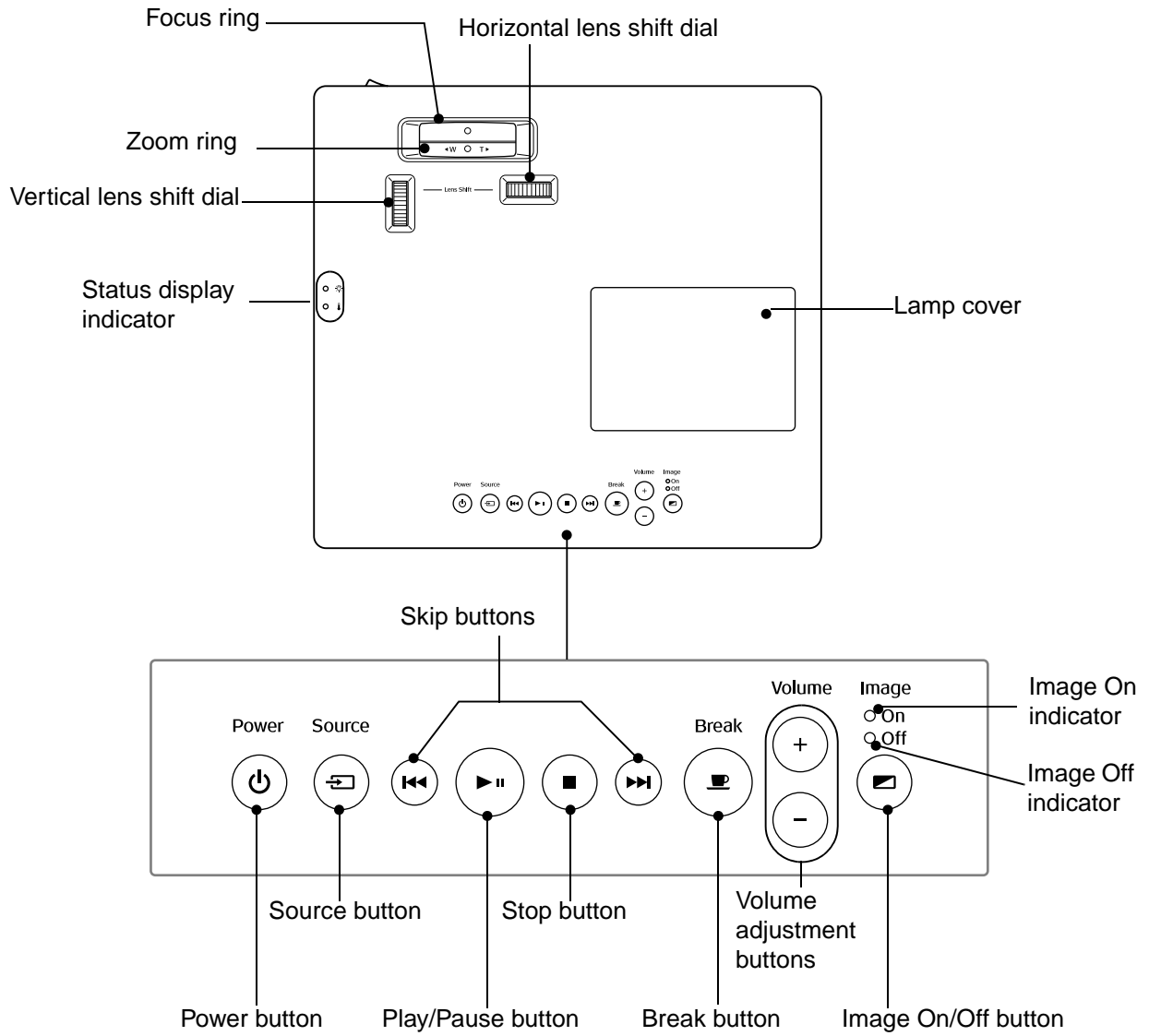
Front



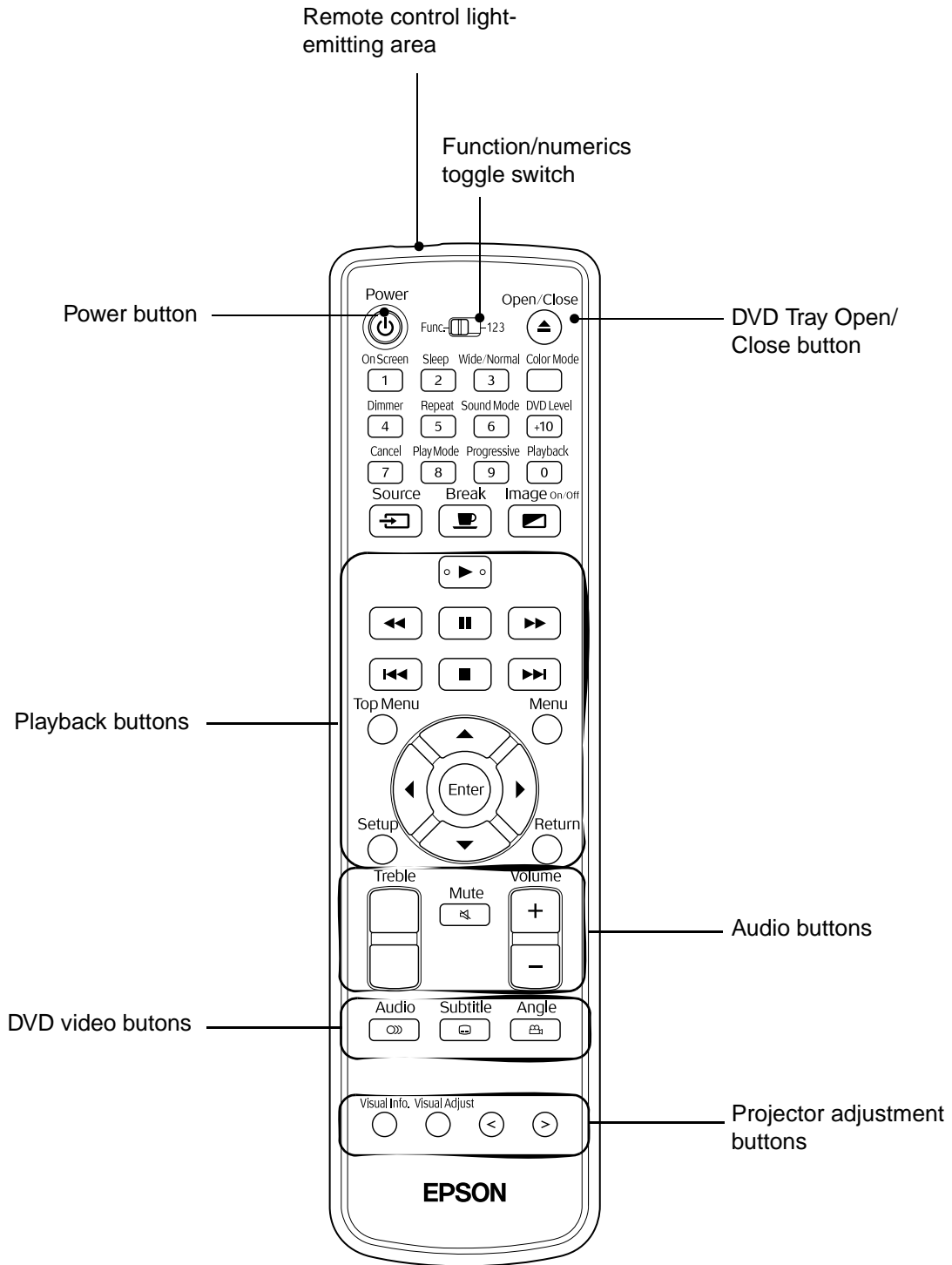
Back



MovieMate Controls

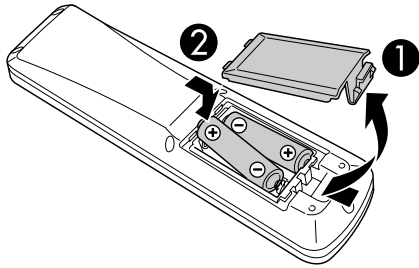


Remote control



Setting Up the Remote Control

Inserting the batteries



- 1 Push in the tab and lift up the cover.
- 2 Insert the batteries as shown.
- 3 Close the battery cover.

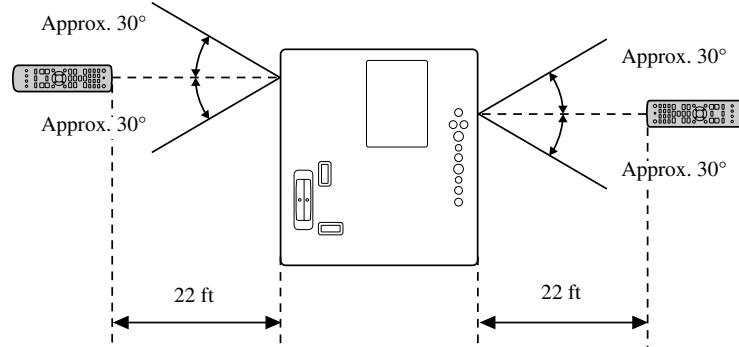


TIP

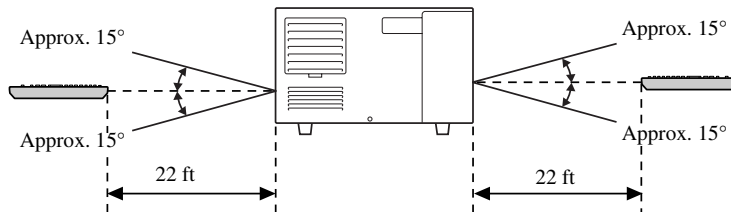
If the remote control response slows down or stops working, change the batteries. Make sure you have two spare AA-size batteries ready to use when required. Avoid using the remote control under bright fluorescent lamps or in direct sunlight.

Remote control usage range





















Horizontal range



Vertical range



Using this guide

CAUTION	Must be observed to avoid damage or malfunction.
 TIP	Contains important information and helpful hints.
 	Some MovieMate functions are available only for certain types of discs. These icons indicate the applicable types of discs.                 

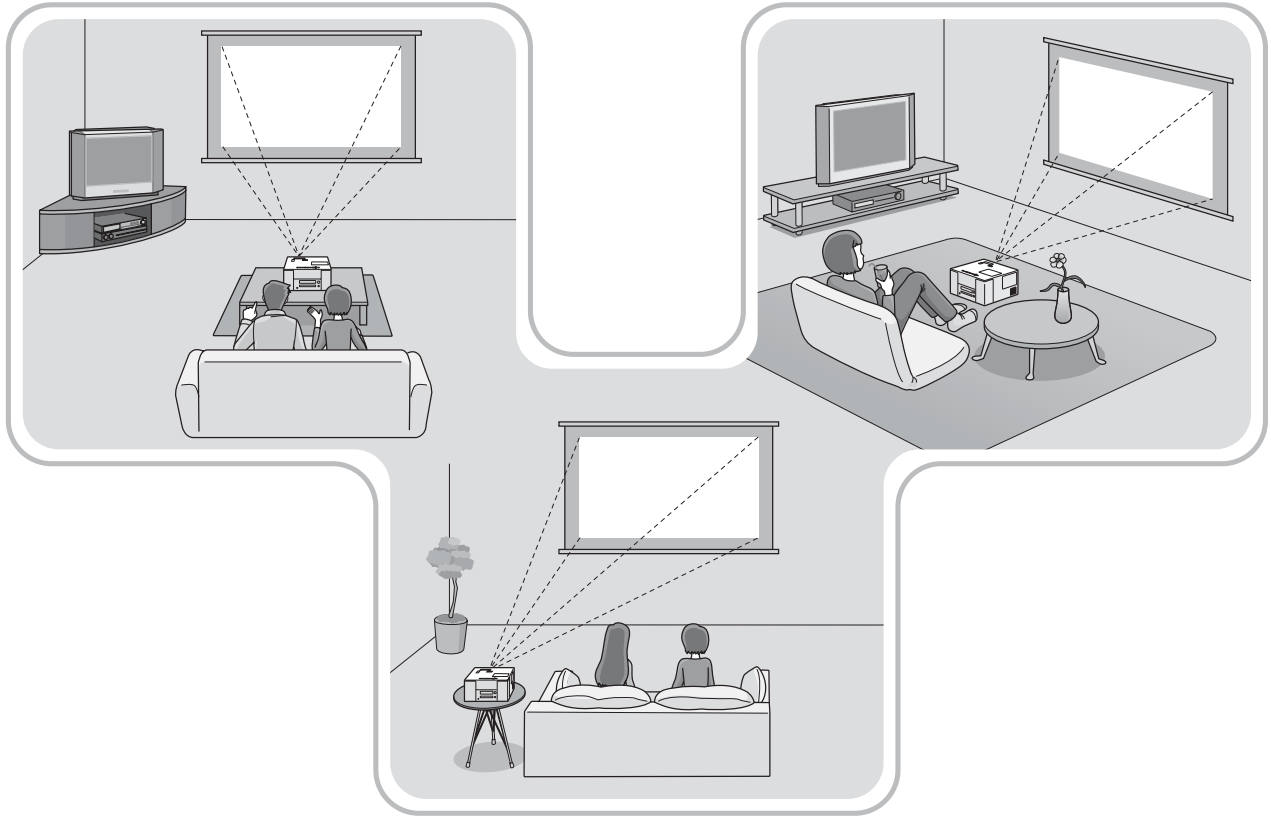
Getting More Information

Need additional help? Take advantage of Epson's automated support services 24 hours a day at <http://support.epson.com>.

Use this site to download FAQs or product information and e-mail your questions to Epson support.

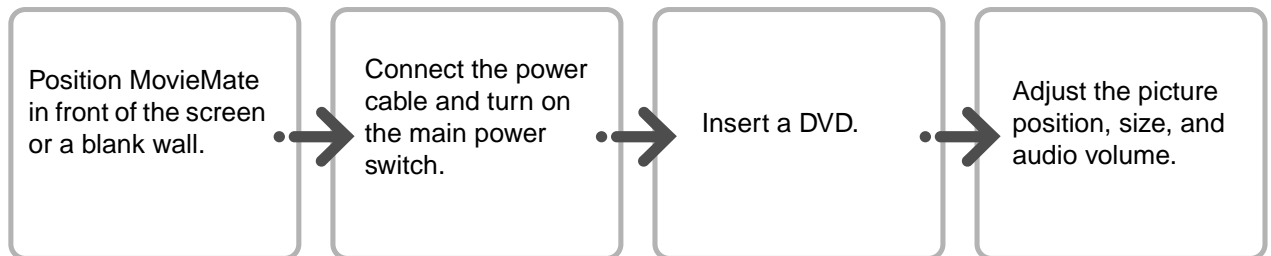
If you need more help, you can use the Epson PrivateLine® Support service. Call (800) 637-7661 and enter the PIN on the PrivateLine support card that came with your MovieMate.

Quick Start



Playing DVDs

You can enjoy your DVDs on the big screen by following these four easy steps.



Setting Up MovieMate

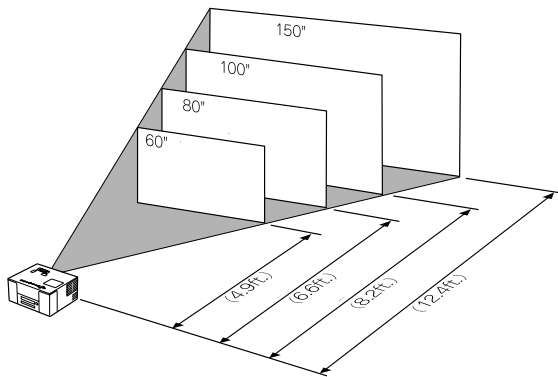
Projection distance and image size

- 1 Place MovieMate in a position to project the best size image onto the screen.

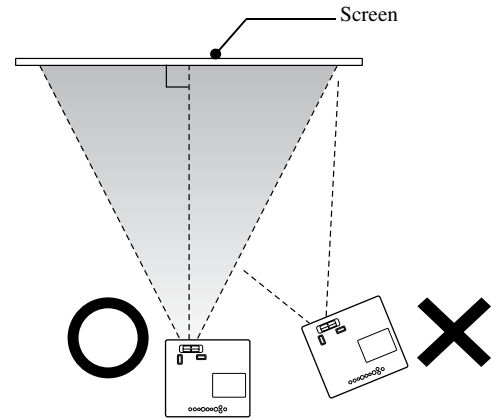
The further you place MovieMate away from the screen, the larger the projected image becomes. You can project on a wall if you want an image larger than the size of the screen.

For detailed projection distance values, see page 60.

You can adjust the position of the projected image vertically and horizontally by using the lens shift dial, as described on page 13.



- 2 Position MovieMate so that it is parallel to the screen.



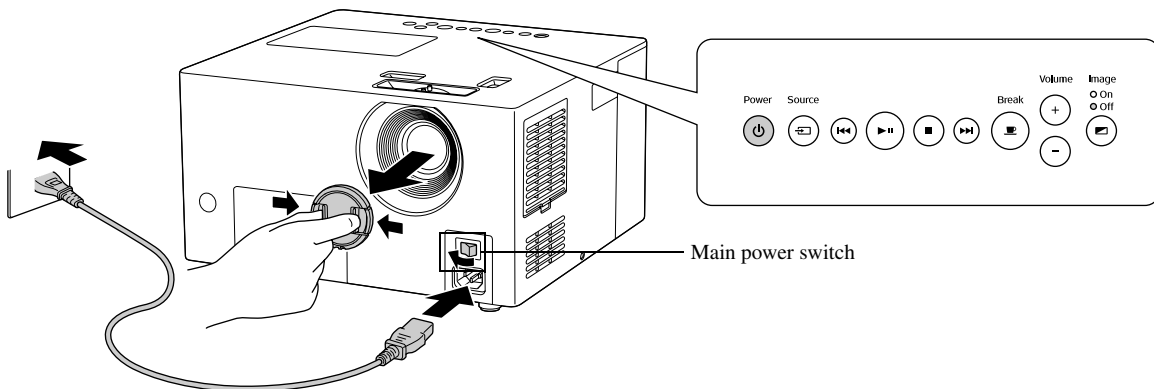
If MovieMate is not parallel to the screen, the projected image will be distorted.

Connecting the power cable and turning the power ON

- 1 Remove the lens cover.

- 3 Turn on the main power switch.

The Power button light and the Image Off light turn orange.




- 2 Connect the power cable.

Disc Playback

Inserting and playing a disc


DVD VIDEO VIDEO CD SVCD AUDIO CD MP3/WMA JPEG

- 1 Press  to open the disc tray.


A beep sounds and the power comes on.

You can also press  on the remote control.

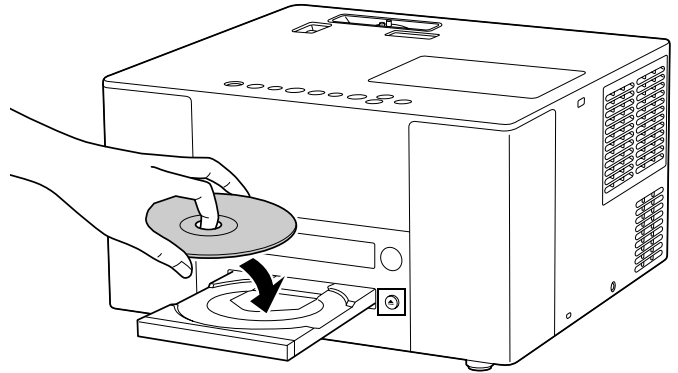
- 2 Place the disc in the disc tray with the label facing up.

- 3 Press  to close the disc tray.

For all discs except **AUDIO CD**, the projection lamp comes on automatically, and projection begins. It takes a few seconds for the lamp to warm up and project at full brightness.

To play **AUDIO CD**, press  to start audio playback. The projection lamp does not turn on.

You can also press  on the remote control.



When a menu is displayed:

DVD VIDEO See page 19

VIDEO CD **SVCD** See page 20

MP3/WMA **JPEG** See page 21

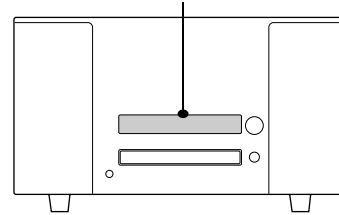


TIP

When using in high altitude areas (above 4,900 feet), set the "High Altitude Mode" to "On." See page 51 for instructions.

The display window during playback

Display window



When playing **DVD VIDEO**

C 1 0:00:05

Chapter number

Elapsed playback time

When playing **SVCD** **VIDEO CD**

VCD 1 PBC

Track number

When playing **AUDIO CD**

CD 1 0:05

Track number

Elapsed playback time

When playing **MP3/WMA**

TR 1 00:05

Track number

Elapsed playback time

When playing **JPEG**

JPG G 1 F 1

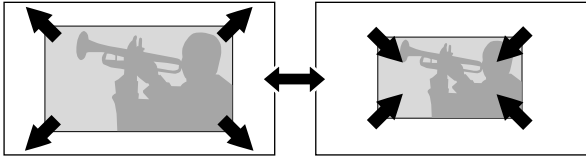
Group number

File number

Adjusting the picture and sound

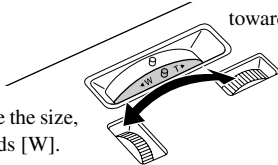
Adjust the image and sound as follows:

Adjusting the size of the projected image (Zoom ring)

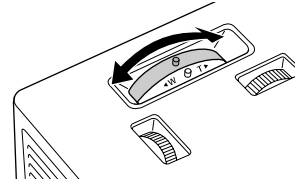
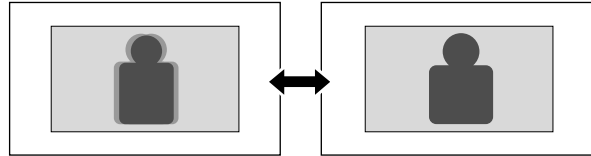


To decrease the size, turn towards [T].

To increase the size, turn towards [W].

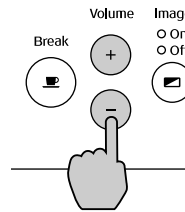


Setting the focus (Focus ring)

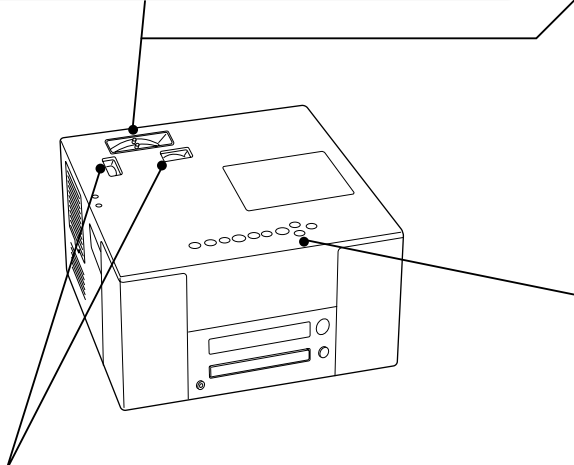
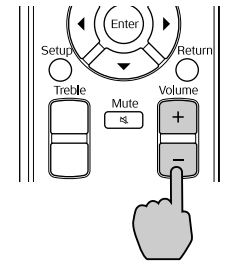


Adjusting the volume

Using the control panel



Using the remote control

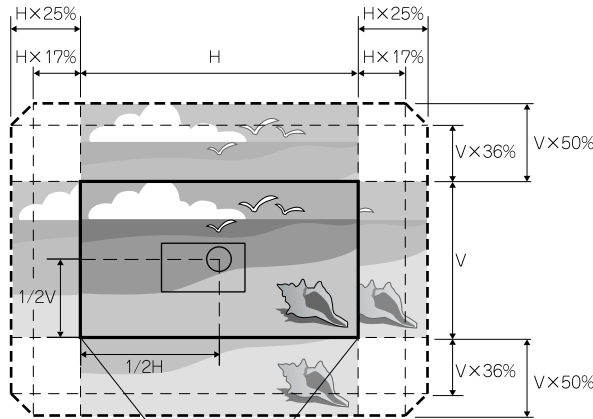


Adjusting the image position (lens shift)

You can move the position of the projected image up, down, left and right, using the lens shift. The range of movement is shown in the diagram.

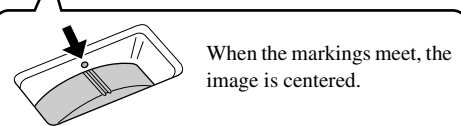
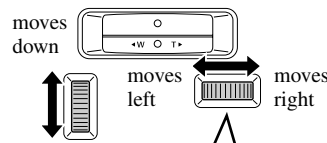
Standard projection position (when the lens shift dial is centered)

Adjustable screen shift range

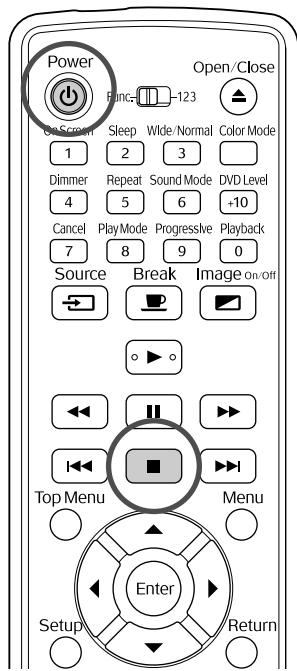


* The image cannot be shifted beyond the horizontal and vertical limits.


When shifting the maximum amount to the left or right, the vertical range of the shift is up to 36% of the height of the screen. When shifting the maximum amount up or down on the vertical plane, the horizontal range of the shift is up to 17% of the width of the screen.




* The clearest image is obtained when both the horizontal and vertical planes of the lens shift dial are centered.



Turning off the power

- 1 Remove the disc from the disc tray.
- 2 Press .

If the lamp was on, the lamp turns off and the Image Off light flashes orange (during cool-down).
 “Now Cooling” appears in the display window above the DVD tray.
 The confirmation buzzer beeps twice to indicate that cool-down has completed.
- 3 Turn off the main power switch.

If you only press  to turn off the power, MovieMate continues using electricity.
- 4 Replace the lens cover.






Stopping playback




Press .

DVD VIDEO VIDEO CD SVCD To resume playback, press .

Things to note when using resume

- Even if you press  to turn off the power, playback resumes when you press .
- Resume cannot be used in the following situations.
 - The disc is removed from the disc tray.
 - After pressing  to turn off the power and pressing  to turn the power back on.
 -  is pressed twice.
 - If the main power switch is turned off.
- Resume cannot be used during program playback or random playback.
- The position from which playback resumes may be slightly different from where it was stopped.
- The audio language, subtitle language, and angle settings are memorized along with the stopping position.
- It is possible that resume cannot be used if the disc is stopped when the disc menu is displayed.

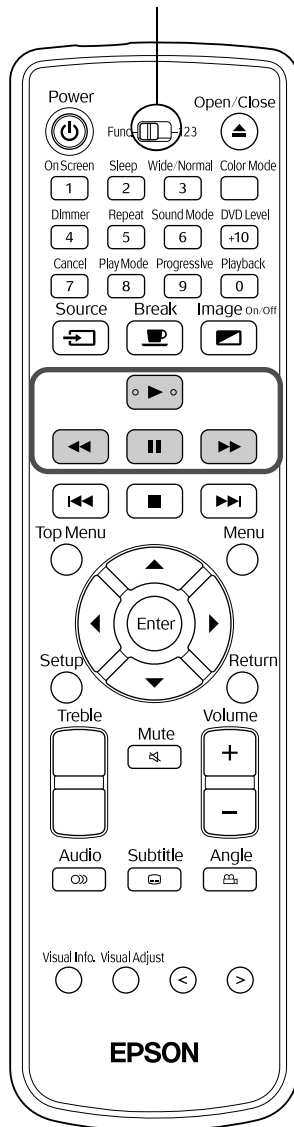
 **TIP** The Image Off light flashes orange to indicate that the internal lamp cooling function (cool-down) is taking place. The buttons on the remote control and the main unit are disabled when cool-down is taking place (approximately 9 seconds).

CAUTION Do not turn off the power or unplug the unit during cool-down as this may reduce the lifespan of the lamp.

Basic Operations During Playback


From here on, operations are explained primarily using the buttons on the remote control. If the same button is available on the MovieMate control panel, you can also use it.




Make sure the switch is set to the [Function] position



Pausing playback





Press  during playback.

- On the control panel, press .
- To resume playback, press .
- Press  to toggle between play/pause.



Note the following points when pausing during a




JPEG slideshow.

- When you press  after pausing, playback restarts from the beginning of the next file.
- You cannot pause using  on the control panel.

Reverse searching/forward searching



Press  or  during playback.

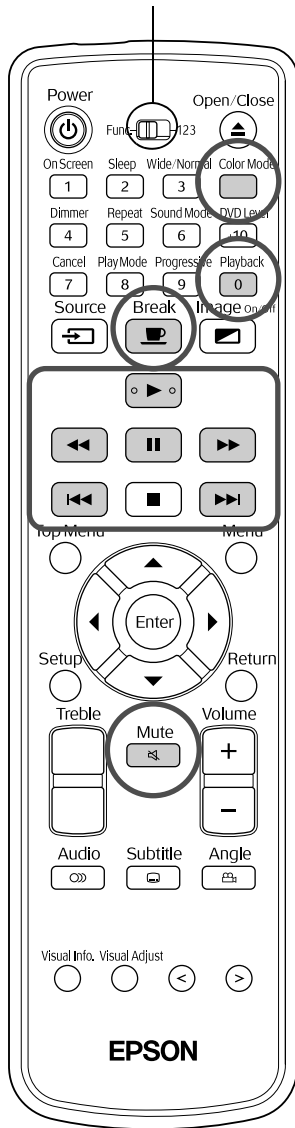
- There are 5 levels of reverse/forward search speed that change each time the buttons are pressed.
- Press  to return to normal playback.
- On the control panel, press  or  repeatedly. The reverse/forward search speed advances from 5x to 20x.



DVD VIDEO VIDEO CD SVCD During forward/reverse search, sound is not output.


AUDIO CD During forward/reverse search, sound is output intermittently.

Make sure the switch is set to the [Function] position



Replaying a scene

DVD VIDEO

Press  during playback.

MovieMate replays the previous 10 seconds.



- Depending on the type of disc, this operation may not be possible.
- You cannot return to the previous chapter.

Skipping

DVD VIDEO

VIDEO CD



SVCD

AUDIO CD



MP3/WMA

JPEG

Press  or  during playback.

Press  once to return to the start of the chapter or track being played. After this, playback returns to the start of the previous chapter/track each time you press  (Except for **JPEG**).




- **DVD VIDEO** You can perform skip operations during playback.
- **VIDEO CD** **SVCD** You can only perform skip operations during playback with the PBC (playback control) function off.
- **JPEG** You can also use the   buttons to skip during playback.
- Depending on the disc, certain operations may not be possible.



Advancing by frame

DVD VIDEO

VIDEO CD

SVCD

Press  during paused playback.

- A single frame is advanced each time you press .
- Press  to return to normal playback.

Playing in slow motion



- 1 Press at the point where you want to begin slow motion playback. The image pauses.
- 2 Press .
 - There are 5 levels of playback speed that change each time you press .
 - **DVD VIDEO** For slow motion review, press . There are 5 levels of review speed that change each time you press .
 - Press to return to normal playback.
 - Sound is not output during slow-motion playback.

Pausing with illumination (Break)



The break function is useful if you want to get up or move around during a movie. By simply pressing the button you can pause the disc and use the light projected by MovieMate until you can turn the lights on in the room.

Press during playback.

- The projection lamp remains lit, while the projected image disappears. flashes in the lower right corner of the screen.
- The lamp darkens after about five minutes if MovieMate is left in break mode. After about 30 minutes, the projector power automatically switches off.
- Press to return to the state before break was pressed. If the power has switched off, press to switch the power back on.



TIP

- Operations cannot be performed when the disc menu is displayed.
- When you press any of the following buttons, break mode is cancelled and the function of the button you pressed is performed.



Selecting picture quality (Color Mode)

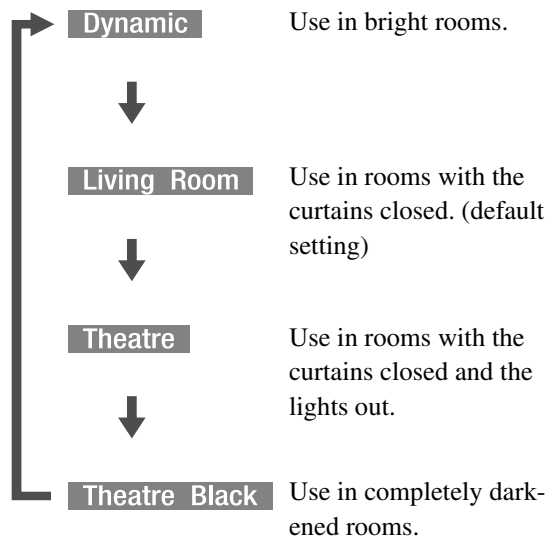


You can select a color mode that corresponds with the brightness and other conditions of your room.

- 1 Press .

The currently selected color mode name is displayed on the screen.
- 2 Press repeatedly until the desired color mode name appears.

After waiting a few seconds, the color mode name disappears and the picture quality changes.



- When you select theater or theater black, the Epson cinema filter operates automatically and provides more natural skin tones.

Temporarily stopping the audio (Mute)

Press during playback.

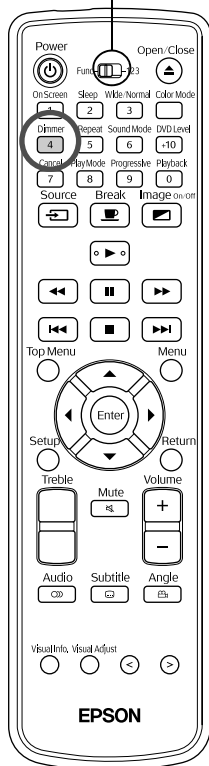
- Sound stops coming from the speakers, headphones, and the subwoofer.
- The movie is not paused, and playback continues.
- Press to return to normal playback. The former volume is also restored when the projector power is next switched on,

Advanced Operations

Controlling Playback

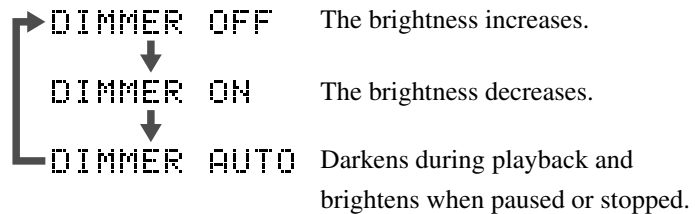
Changing the brightness of the display window (Dimmer)

Make sure the switch is set to the [Function] position.



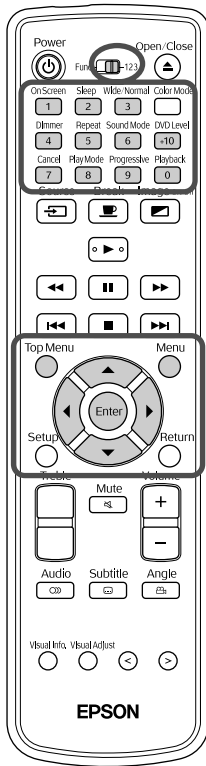
Press ^{Dimmer} 4 .

When you press ^{Dimmer} 4 the brightness of the display window and the indicators on the main unit change as shown below. DIMMER AUTO is the default setting.



TIP

- When an **AUDIO CD** is inserted, this function is not available, even when “DIMMER AUTO” is set. It changes to “DIMMER OFF.”
- In standby mode, the brightness cannot be changed, even if ^{Dimmer} 4 is pressed.
- Once the brightness is changed, it is saved even after the main power switch is turned off.



Some **DVD VIDEO** have one or both of the following types of menus.

Top menu: When multiple titles (video and audio) have been recorded, the top menu lets you select them.

Menu: You can use menus to select chapters and playback settings such as angle, audio, and subtitles.

1 Press or during playback or when stopped.

2 Press to select the item you want to see.

You can also select the title number or chapter number directly using the numeric buttons.

Using the numeric buttons

First, set the function/numerics toggle switch to the [123] position. Then use the buttons as follows:

5: 10: →

15: → 20: → →

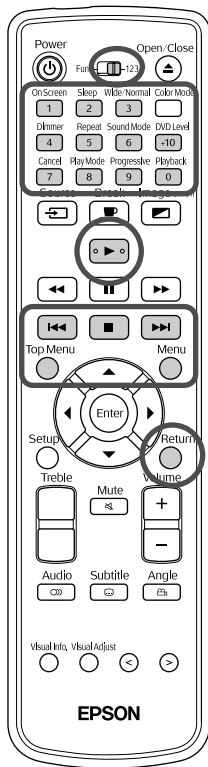
25: → →

Once you have finished entering numbers, return the function/numerics toggle switch back to the [Function] position.

3 Press .



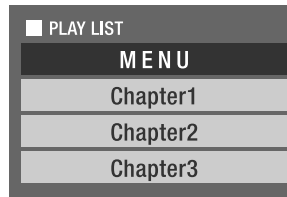
- Certain discs may not contain a menu. If a menu is not recorded, these operations cannot be made.
- Depending on the disc, playback may begin automatically, even if is not pressed.



When you insert a Video CD with PBC (playback control) enabled, a menu screen is displayed. You can select the scene or information you wish to see from this menu.

1 Insert a Video CD that includes PBC.

The following type of menu is displayed.



2 Select the item you want to see using the numeric buttons.

For instructions on using the numeric buttons, see page 19.

The selected contents are played.

To turn to the previous/next page of the menu screen:

Press / when the menu screen is displayed.

To open the menu screen during playback:

Press repeatedly until the menu is displayed. Each time is pressed, the menu goes back by one step.

To play without using the menu (playback without PBC):

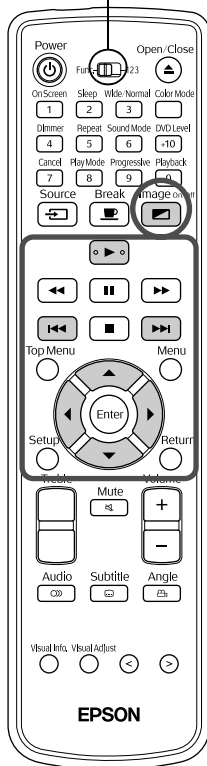
- When the video is stopped, specify the track number that you want to see using the numeric buttons.
- When the video is stopped, select the track number using / then press .

To open the menu screen when playing back without PBC:

Press or .

After pressing twice to stop playback, press .

Make sure you set the switch to the [Function] position.



- 1 When playing a disc that contains both MP3/WMA files and JPEG files, you see the following kind of group/track (file) name list.

FILE	PROGRAM REPEAT TRACK TIME --:--:-- ▶
Group : XX / XXX	Track :XXX/XXX (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
XXXXXXXXXXXXXXXXXX	12. Track 12
Artist	13. Track 13
XXXXXXXXXXXXXXXXXX	14. Track 14
Album	15. Track 15
XXXXXXXXXXXXXXXXXX	16. Track 16

- 2 Press to select the group.
- 3 Press to move the pointer to the track (file) name list.
Press to return the pointer to the group name list.

- 4 Press to select the track.

You can also make the same selection using .

- 5 Press or to begin playback.

When you press for a **JPEG**, continuous playback begins from the selected file (slideshow playback). When you press , only the selected file is played.

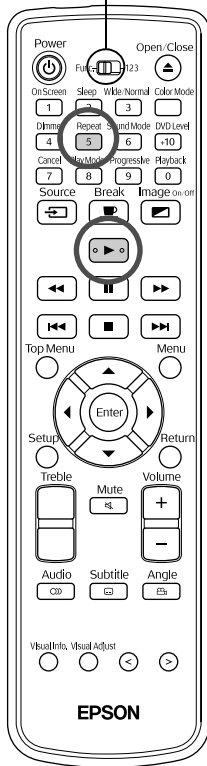
- During slideshow playback, each file is displayed for approximately 3 seconds, then the next file is displayed. Once playback of all files is completed, the slideshow stops automatically.
- You can also select tracks by entering the track number with the numeric keys. In this case, steps 3-5 are unnecessary.




TIP



When playing back a disc on which a mixture of different file types (MP3/WMA files and JPEG files) has been saved, select the file type to be played from the File Type video settings menu. For details, see page 44.

Make sure you set the switch to the [Function] position.





To play MP3/WMA audio (Image Off)

Once menu selection is complete and the audio begins, press . MovieMate beeps and the projection lamp turns off so you can enjoy just the music being played.

Press  to turn the lamp back on. Once the lamp has been turned off and when the Image Off indicator is flashing orange, the lamp does not come back on even if you press . Wait until the Image Off indicator goes out.





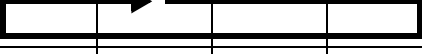


To repeat playback

1 Press  during playback or when stopped.

Each time you press , the repeat mode changes as shown in the following table.



2 Press .

Repeat play position

Repeat mode	Disc				Screen display	Display window display
	Group 1		Group 2			
	Track 1	Track 2	Track A	Track B		
Track repeat*					REPEAT TRACK	
Group repeat					REPEAT GROUP	
Disc repeat					REPEAT ALL	
Repeat OFF					not displayed	not displayed

*MP3/WMA files only

When MP3/WMA files are recorded on the disc, repeat play can be performed even during program play and random play.

Repeat mode	Screen display	Display window display
Repeats the track chosen when repeat play was selected	REPEAT STEP	
Repeats all tracks set during program play, or repeats all tracks in random play	REPEAT ALL	
Repeat OFF	not displayed	not displayed

Notes on playback

- Depending on the recording and the characteristics of the disc it is possible that the disc may not be readable, or that reading the disc may take some time.
- The time it takes to read a disc differs depending on the number of groups or tracks (files) recorded on the disc.
- The order of the group/track (file) name list display and the order displayed on a PC screen may be different.
- When playing commercially available MP3 discs, it is possible that playback will be in a different order from the order described on the disc.
- It may take some time to play still pictures containing MP3 files. The time-elapsed is not displayed until playback has begun. Further, there are times when an accurate elapsed time is not displayed, even once playback has begun.
- It is possible that data that has been processed, edited, or saved using computer image editing software might not play.

Specifications of files that can be played

To play a CD-R or CD-RW containing MP3/WMA or JPEG files with this unit, the contents of the disc must conform to the following standards.

MP3/WMA

File system: ISO9660 level 1 or level 2

Discs that have been recorded in the packet write (UDF) format cannot be read.

Bitrate: MP3: 32 kbps~320 kbps

WMA: 64 kbps - 160 kbps

Sampling frequency: 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz

Filename: Half-width English characters only. Must bear the “.mp3” or “.wma” file extension. Distinction between upper- and lowercase characters is not performed.

Group (folder) count: up to 99

Track (file) count: up to 1000

Other: It is possible to play multi-session recorded discs.

MovieMate is not capable of Multiple Bit Rate (a file format containing audio recorded in numerous different bit rates within the one file) playback.

JPEG

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. Must bear the “.jpg” or “.jpeg” file extension. Distinction between upper- and lowercase characters is not performed.

Total number of pixels: Images containing up to 8192 x 7680 pixels can be read.

However, because it takes time to reproduce files with a resolution exceeding 640 x 480 pixels, it is recommended that images be saved at 640 x 480 pixels.

Group (folder) count: up to 99

Track (file) count: up to 1000

Other: It is possible to play multi-session recorded discs.

Only baseline JPEG is supported.

Monochrome JPEG files cannot be read.

Progressive JPEG and motion JPEG are not supported.

JPEG data created by a digital camera and conforming to the DCF (Design rule for Camera File system) standard is supported. When certain digital camera functions such as automatic rotation have been used, it is likely that the data will not comply with the DCF standard. If this is the case, playback may not be possible.

Selecting the chapter or track number

DVD VIDEO VIDEO CD SVCD AUDIO CD MP3/WMA JPEG

During playback, select the chapter or track number you wish to play by pressing the numeric buttons.

For details on using the numeric buttons, see page 19.



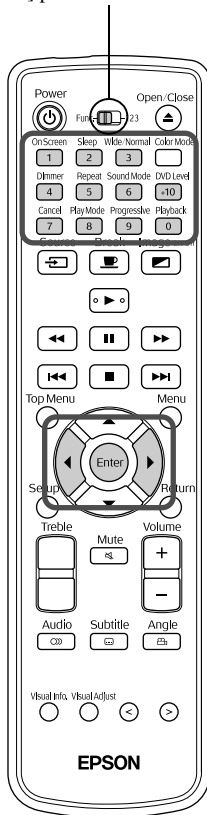
TIP

- **VIDEO CD** **SVCD** Can be used when stopped or when playing back with PBC off.
- **AUDIO CD** **MP3/WMA** **JPEG** Can also be used when stopped.
- Depending on the disc, certain operations may not be possible.

Playing from a designated time (time search)

DVD VIDEO VIDEO CD SVCD AUDIO CD

Make sure the switch is set to the [Function] position.



You can play a disc from a specified time position. Depending on the disc, the start point position varies as follows.

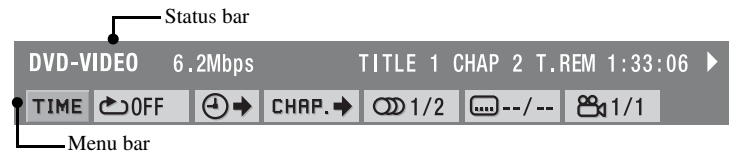
DVD VIDEO Time elapsed from the start of the title

VIDEO CD **SVCD** **AUDIO CD** When executing from stopped: Time elapsed from the start of the disc

When executing during playback: Elapsed time from the start of the current track being played

1 Press **OnScreen** **1** twice during playback or when stopped.

The following menu bar is projected.



- **DVD VIDEO** This function can only be used during playback.
- **VIDEO CD** **SVCD** Cannot be used when playing back using the PBC function.

2 Press **Left** **Right** until the pointer reaches **TIME**.






3 Press **Enter**.


4 Enter the time using the numeric buttons.

- **DVD VIDEO** Specify the start position in hours/minutes/seconds. You can leave out the minutes/seconds if desired.
- **VIDEO CD** **SVCD** **AUDIO CD** Specify the start position in minutes/seconds.

Entering the time


To play a disc from 0 hours, 23 minutes, and 45 seconds, for example, Set the Function/Numerics toggle switch to the [123] position.

Press the numeric buttons in the order of  →  →  →  → .

If you make a mistake, press  and delete the incorrect number, then re-enter the correct number.



Once you have finished entering the time, return the function/numerics toggle switch back to the [Function] position.

5 Press .

6 Press  once to cancel the menu bar.



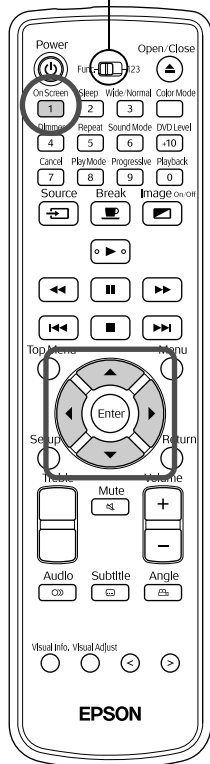
TIP

- If the elapsed time is not displayed in the display window during playback with **DVD VIDEO**, this function will not work.
- **DVD VIDEO** It is also possible that some discs may prohibit time searching.
- The status bar is not displayed when playing back cinemascope (letter-box) **DVD VIDEO**. Although functions can be set in this state, when it is necessary to display the status bar, press  to return the aspect ratio to normal. Press  to return to the former aspect ratio.
- When playing back in program play or random play modes, this function will not work.

Looping playback of a favorite scene (A-B repeat playback)



Make sure the switch is set to the [Function] position.





You can set the playback range (start point to end point) from the menu bar during playback.

1 Press  twice during playback.

The following menu bar is projected.




- **DVD VIDEO** Where possible, this function can be used during playback.
- **VIDEO CD** **SVCD** Cannot be used when playing back using the PBC function.


2 Press  until the pointer reaches .


3 Press .



4 Press  then select .


You can also select other repeat modes from here. See page 27

5 When you reach the scene or track where you want to start, press .

The menu bar icon changes to .




6 When you reach the scene or track where you want to stop, press .

The menu bar icon changes to  and  is displayed in the display window of the main unit. A to B playback begins.

7 Press  once to cancel the menu bar.

To cancel A to B playback

Do one of the following:

- Display the menu bar, select , then press  twice.
- Press .
- Turn off the main power switch.



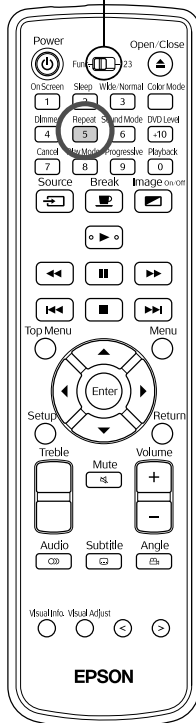
TIP

- You cannot specify a range which includes multiple titles or tracks.
- “A-B repeat” cannot be performed at the following times.
 - During program play
 - During random play
 - During repeat play
 - During PBC
- The status bar is not displayed when playing back cinemaskope (letter-box) **DVD VIDEO**. Although functions can be set in this state, when it is necessary to display the status bar, press **Wide Normal** **3** to return the aspect ratio to normal. Press **Wide Normal** **3** to return to the former aspect ratio.

Looping playback (repeat play)



Make sure the switch is set to the [Function] position.



Depending on the type of disc, you can loop playback within a range of titles, chapters, or tracks, as in the following table.

Press **Repeat** **5** during playback.

The repeat mode changes whenever you press **Repeat** **5**. The repeat mode name and icon are displayed on the projected screen and in the display window.



- DVD VIDEO** Where possible, this function can be used during playback.
- VIDEO CD** **SVCD** Cannot be used when playing back using the PBC function.

DVD VIDEO

Repeat play position



Repeat mode	Title				Screen display	Display window display
	Chapter 1	Chapter 2	Chapter 3	Chapter 4		
Chapter repeat						
Title repeat						
Repeat OFF						not displayed

AUDIO CD **VIDEO CD** **SVCD**

Repeat play position



Repeat mode	Track 1	Track 2	Track 3	Track 4	Screen display	Display window display
	Track repeat					
Repeat all tracks						
Repeat OFF						not displayed

Canceling repeat play






- Press  repeatedly until “  OFF ” is displayed on the screen.
- Turn off the power switch on the main unit.



TIP

- **DVD VIDEO** You cannot use the “Title repeat” function with some DVDs.
- **DVD VIDEO** To cancel repeat, press .
- Display the menu bar and move the pointer to  to select repeat play. For details, see page 33.

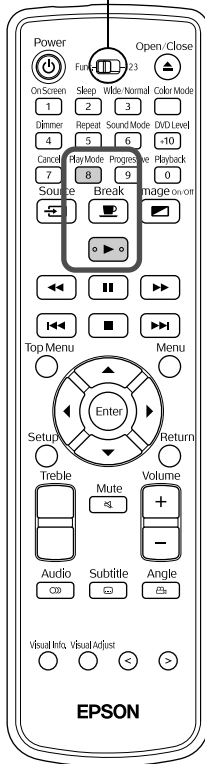
Repeat modes available during program play and random play

Repeat mode	Screen display	Display window display
Repeats the chapter/track designated when repeat play was selected	 STEP	 1
Repeats all tracks set during program play, or repeats all tracks in random play	 ALL	 ALL
Repeat OFF	 OFF	not displayed

Playing in the order of your choice (program play)



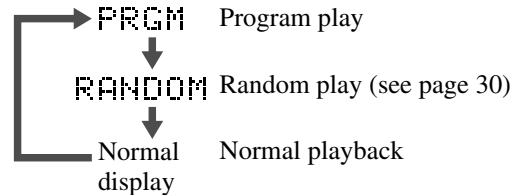
Make sure the switch is set to the [Function] position.



You can set titles, chapters, and tracks to play in the order of your preference.

1 Press **PlayMode 8** when stopped.

Each time you press **PlayMode 8**, the display window on the main unit changes as follows. Press repeatedly until “PRGM” is displayed.



2 Set the order according to the following screen explanations.

See “Using the numeric buttons” on page 19.

3 Press **Play**.

- Playback begins according to the order you set.
- Once the set playback is complete, playback ends and “Program” is displayed.

Canceling set items on the program screen individually

Press **Cancel 7** to delete set numbers one by one.

Canceling all set items on the program screen

Press **Stop**.

Set items are also cancelled when the power is switched off.

Resuming normal playback

When stopped, press **PlayMode 8** repeatedly until the display window returns to its normal display state.

In this case, the contents entered in the program screen remain in memory. Program play can be executed by pressing **PlayMode 8** again and selecting “PRGM.”



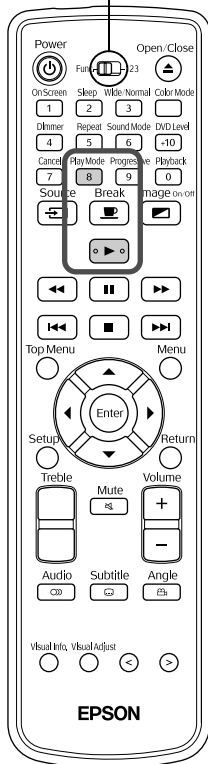
TIP

- A maximum of 99 titles, chapters, or tracks can be selected. If you try to enter more than 99, “FULL” is displayed.
- **AUDIO CD VIDEO CD SVCD** If the total playback time exceeds 9 hours, 59 minutes and 59 seconds, “--:--” is displayed in the display window. However, you can continue to perform the set order as it is.
- **DVD VIDEO** If you press **Enter**, instead of setting the chapter or track number, “ALL” is displayed and all of the chapters and tracks contained in that title/group are selected.
- If stopped during program play mode, resume play cannot be used.
- Depending on the type of disc, you may not be able to use program play.

Playing back at random (random play)

DVD VIDEO VIDEO CD SVCD AUDIO CD MP3/WMA

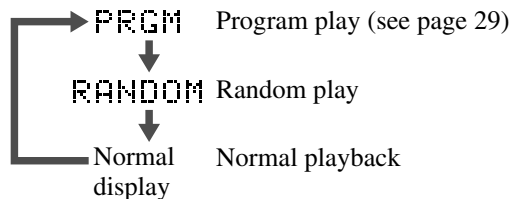
Set to the [Function] position before performing operations



You can choose to play titles or chapters/tracks at random.
The playback order always changes when using random play.

1 Press when stopped.

Whenever you press the display window changes in the following way. Keep pressing until “RANDOM” is displayed.



2 Press .

Once one title or track has finished, another title or track is played randomly.

Resuming normal playback

When stopped, press repeatedly until the display window returns to its normal display state.

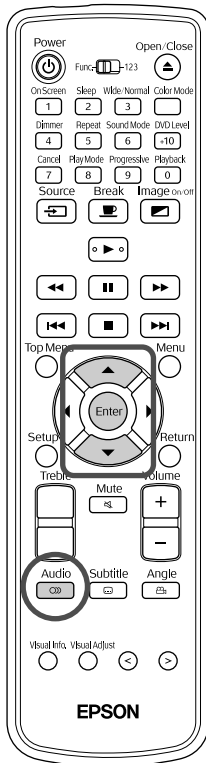


TIP

- Random play is cancelled if the following operations are performed.
 - The disc tray is opened.
 - Power is switched off.
- Even if you press repeatedly during random play, you cannot skip to the previously played content. It only returns to the start of the current chapter/track.
- If stopped during random play mode, resume play cannot be used.

Changing the audio language

DVD VIDEO VIDEO CD SVCD




When a disc has been recorded with multiple audio signals or languages, you can switch to the audio signal or language of your preference.


1 Press  during playback.

The current audio settings are displayed.



2 While the audio settings are displayed, press  repeatedly and select the desired setting.

Press   to change the setting.

3 Wait a few seconds, or press .

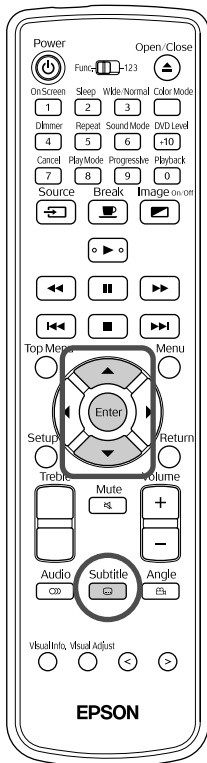


TIP

- You can also use the menu bar to change the setting. See page 33.
- If a language code (AA, etc.) is displayed, see page 46.
- **VIDEO CD** **SVCD** The meaning of the characters displayed during playback is as follows.
 - ST: Stereo
 - L: Left channel audio
 - R: Right channel audio

Changing the subtitle display

DVD VIDEO SVCD







You can choose whether or not to display subtitles for discs that have been recorded with subtitles. When a disc has been recorded with multiple language subtitles, you can switch to the available language of your preference.


- 1 Press  during playback.

The current subtitle settings are displayed.



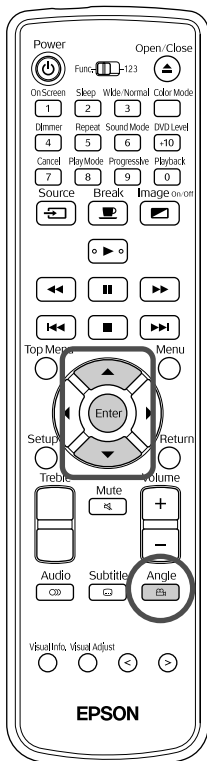
- 2 While the subtitle settings are displayed, press  repeatedly to select subtitles on or subtitles off. Press   to select the subtitle language.

SVCD If you press  repeatedly, you can select the subtitle type and turn subtitle display on/off.

- 3 Wait a few seconds, or press .

Changing the camera angle

DVD VIDEO






For discs that have been recorded with multiple camera angles, you can switch from the main angle to a different camera angle, such as from above, or from the right, during playback.


- 1 Press  during playback.

The current angle is displayed.

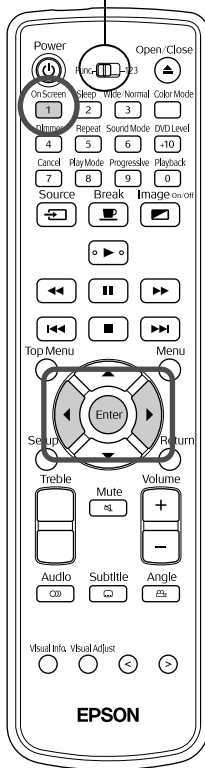


- 2 While the angle is displayed, press  repeatedly and select the desired angle.

Press   to change the setting.

- 3 Wait a few seconds, or press .

Make sure the switch is set to the [Function] position.



1 Press ^{OnScreen} **1** twice during playback.

The following status bar and menu bar are projected.



2 Press until the pointer reaches the item you wish to use.

3 Press .

- Press ^{OnScreen} **1** once to cancel the menu bar.
- When playback is stopped, some functions may not work.
- The status bar is not displayed when playing back cinemascope (letter-box) **DVD VIDEO**. Although functions can be set in this state, when it is necessary to display the status bar, press ^{Wide/Normal} **3** to return the aspect ratio to normal. Press ^{Wide/Normal} **3** to return to the former aspect ratio.

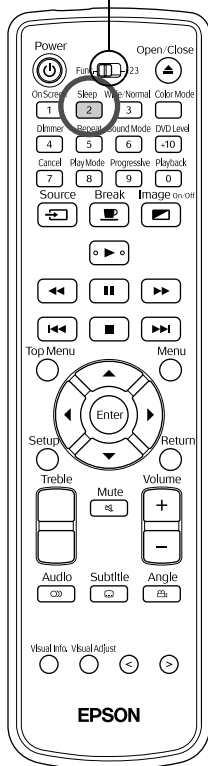
Menu bar function list

	Select the repeat mode. See page 27, 28.
	Set a time based start point. See page 24.
	DVD VIDEO only. During playback, select the chapter number you wish to play using the numeric buttons. Set the function/numerics toggle switch to the [123] position. Then enter the number as shown in the following examples. 5: 5 10: 1 → 0 20: 2 → 0 If you make a mistake, enter the correct number again. Press .
	Select the audio language/type. See page 31.
	Select to change the subtitles display. See page 32.
	Select the angle. See page 32.

Selecting Auto-standby and Sleep timer settings

DVD VIDEO VIDEO CD SVCD AUDIO CD MP3/WMA JPEG EXT. VIDEO

Make sure the switch is set to the [Function] position



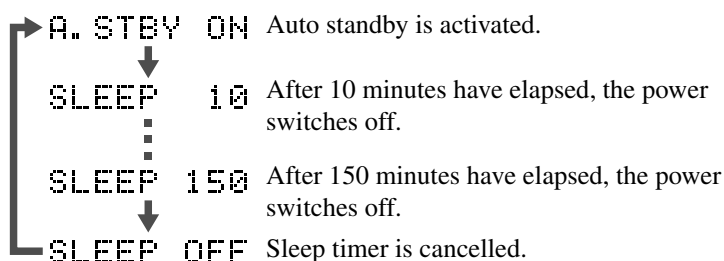
Auto standby: When playback has finished or has been stopped, or an operation has not been performed for about 3 minutes, the power switches off automatically.

Sleep timer: Once the set time has elapsed, the power switches off automatically. This prevents unnecessary power being consumed if you fall asleep while watching a movie.

You cannot use auto standby and sleep timer at the same time.

Press **2**.

- Each time you press **2**, the display window changes as follows. Press repeatedly until the desired item is displayed.



- If you select something other than “A. STBY ON,” auto standby is cancelled.

Setting auto stand-by

“A. STBY” flashes approximately 20 seconds before the power switches off.

Changing the sleep timer

Press **2** repeatedly and select the new time.

Checking the sleep timer setting

Once the sleep timer has been set, press **2** once to view the setting in the display window.

Canceling the sleep timer

Do either of the following:

Press .

Press **2** repeatedly until “SLEEP OFF” is displayed in the display window.

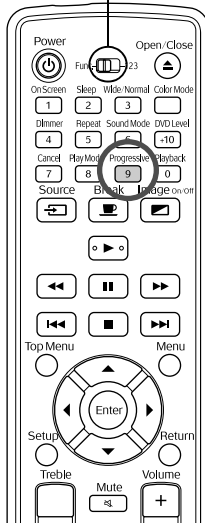


- Sleep timer settings are not saved. If the power is switched off, the sleep timer is canceled.
- In external video mode, video is switched off automatically if no signal is input and no operations are performed for 30 minutes. This function is performed regardless of the sleep timer settings.
- Auto standby cannot be used in external video mode.
- Auto standby does not work with discs that return to the menu once playback has completed.


Changing from Progressive to Interlaced mode




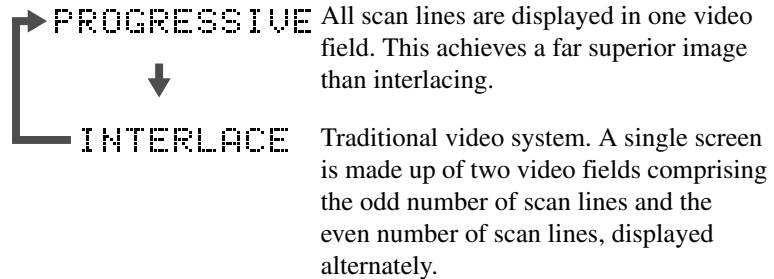
Make sure the switch is set to the [Function] position.



For the best image quality, MovieMate uses the Progressive video display mode. You can change to the Interlaced mode if necessary.



When there is no disc loaded in the disc tray (or when a video is stopped), press  .

Whenever you press  the display window display changes in the following way.



Locking the tray

You can lock the disc tray so that children cannot interfere with it.

With the power turned on press and hold  on the MovieMate control panel, then press .

- “LOCKED” appears in the display window, and the disc tray is locked.
- To cancel the disc lock, follow the same procedure. “UNLOCKED” appears in the display window.

Using External Video Equipment

Connecting to other video equipment

You can connect your MovieMate to devices that have a video output port, such as:

- VCRs
- Game consoles
- Video cameras

If the video equipment you are connecting supports both S-Video and composite video formats, you can enjoy higher quality images by using the S-Video connection.

The composite video format is also called "Video Out."



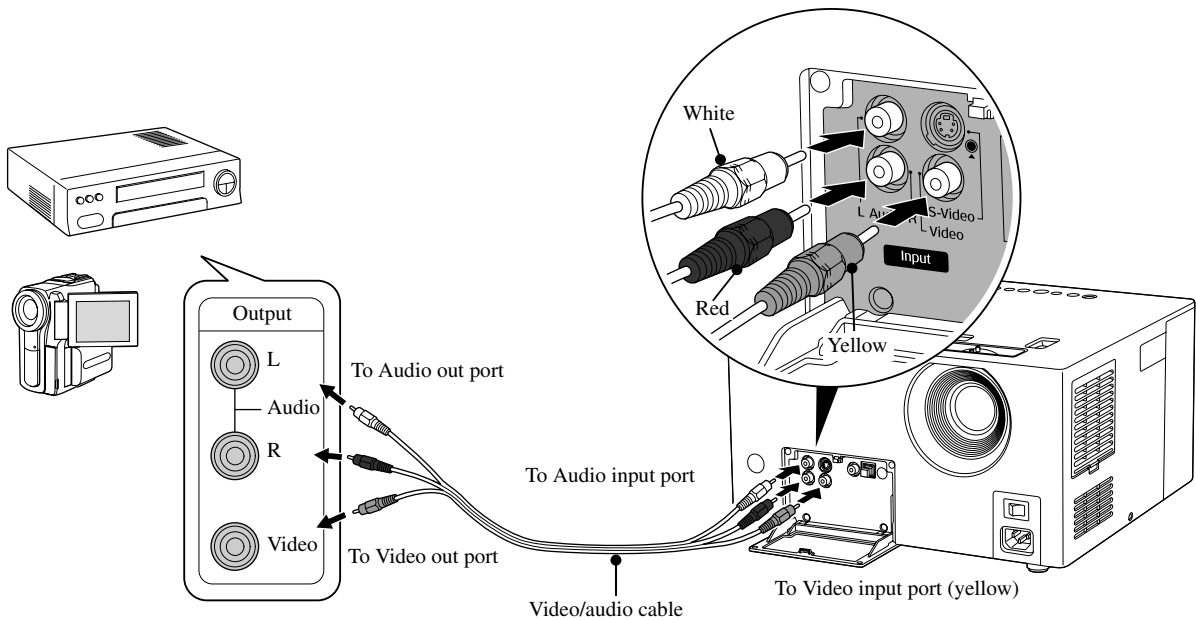
TIP

Connection cables may be included with your video device, or you may purchase them from an electronics store. External connection cables are not included with MovieMate.

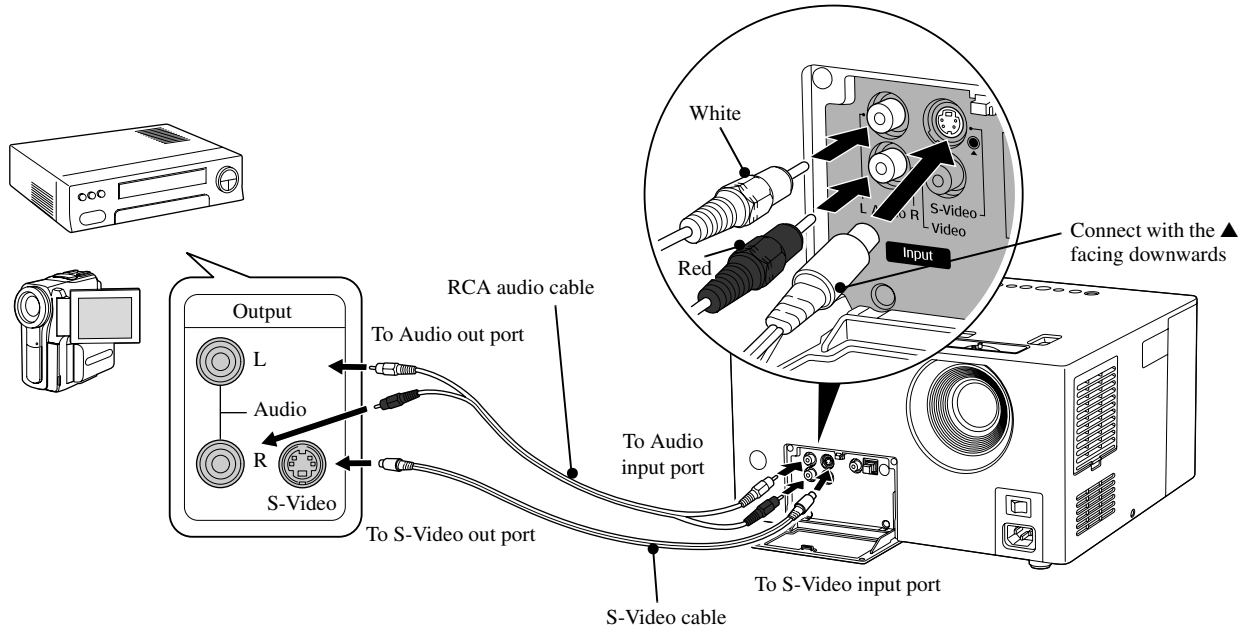
CAUTION

- Before connecting, turn off all equipment. Damage may result if you try to connect when the power is on.
- Do not try to force a cable connector to fit a port with a different shape. This may cause damage to MovieMate or to the external device.
- Close the interface cover when you are not connecting to external video equipment.

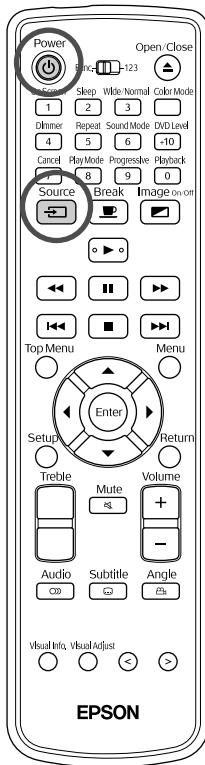
Using the composite video connection





Using the S-Video connection



Projecting images from external video equipment




- 1 Remove the lens cover if it is in place.
- 2 Turn on the MovieMate power switch, then press .
- 3 Press .

“VIDEO” appears in the display window and MovieMate switches to external video mode.
- 4 Switch on the power to the connected video equipment, then start playback.

If the lamp was off, it comes on.

After a moment, the video is projected.

To return to the standard built-in DVD player

Press . “DVD/CD” appears in the display window and MovieMate switches back to DVD mode.

Functions available in external video mode

The following functions are available when you are using external video equipment:

- | | | |
|-----------------------------|--|------------------------------------|
| Color Mode (page 17) | Wide/Normal (page 57) | Sleep (page 34) |
| Sound Mode (page 40) | DVD level (page 41, 42) | Break (page 17) |
| Image On/Off (page 22) | Adjusting high pitched tones (page 40) | Muting (page 17) |
| Volume (page 13) | Visual information (page 50) | Image quality correction (page 48) |
| Select button (page 48, 50) | | |

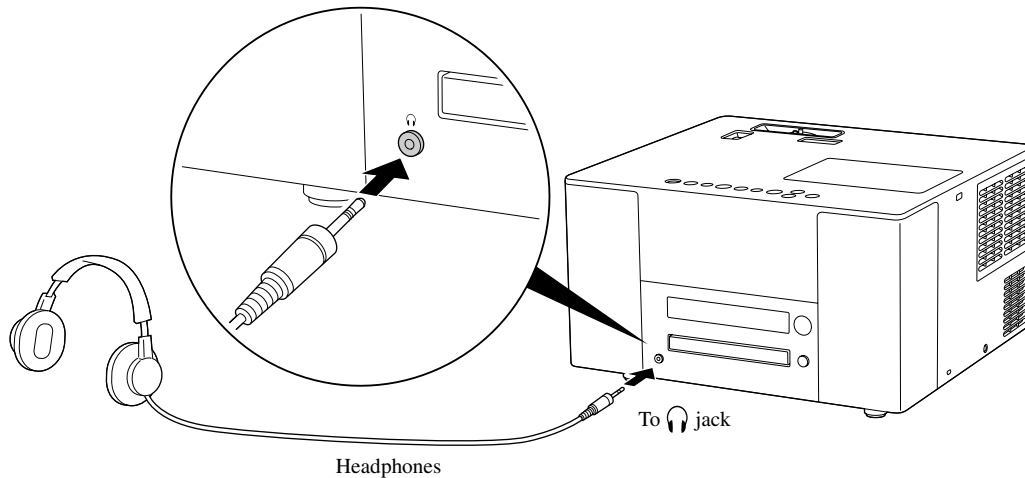
Using External Audio Equipment

Listening with headphones



- When listening with headphones, make sure the volume is not too high. You can damage your hearing when listening to sounds at high volume over an extended period of time.
- Don't set the volume too high from the outset. A sudden loud sound may cause damage to your headphones or your hearing. As a precaution, lower the volume before you switch the power off then raise it gradually after you switch it back on.

Connect your headphones as shown below.

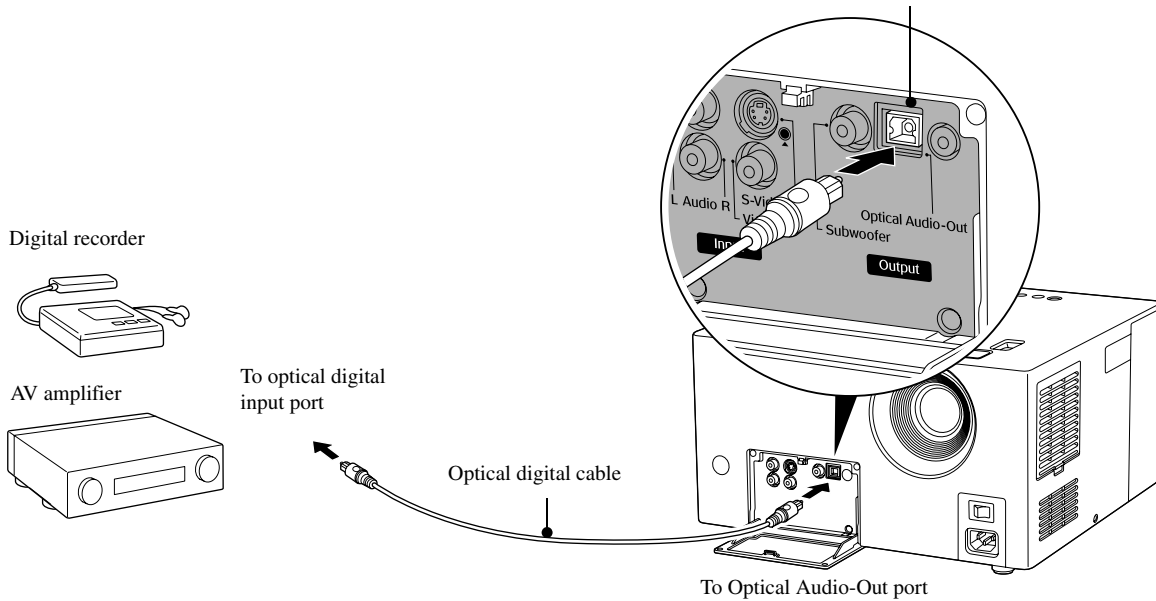


Once you have connected your headphones to the headphone jack, sound does not come from the speakers. If MovieMate is connected to a sub-woofer, sound also stops coming from the sub-woofer.

Connecting to audio equipment with an optical digital input

You can connect to AV amplifiers and equipment capable of making digital recordings when they are equipped with a digital audio input port. You will need an optical digital audio cable, which may be included with your equipment or can be purchased from an electronics dealer.

When connecting the cable, remove the protective cap, align the shape, and insert firmly. Apply the cap when not in use to prevent dust from entering the port.

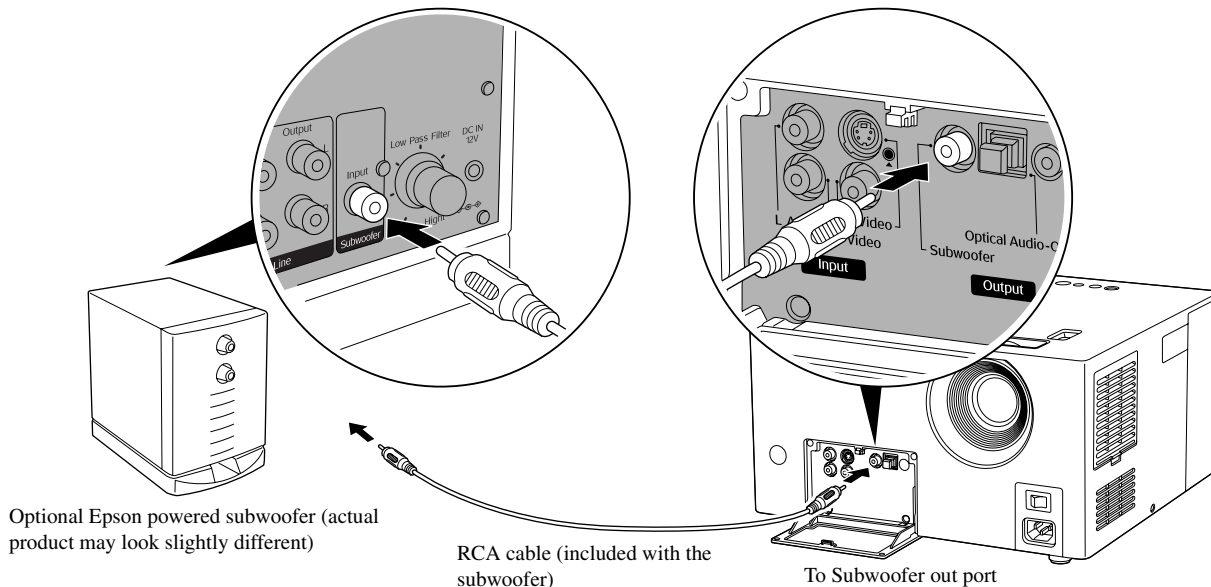


TIP

- You can change the signal being output from the Optical Audio-Out port by using the “Digital OUT” setting in the settings menu. For detailed output signal information, see page 46.
- The settings menu “D. Range Compression” setting is invalid when connecting to an amplifier with a built-in Dolby Digital decoder. For details, see page 45.

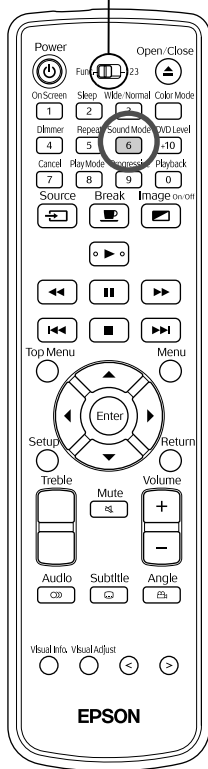
Connecting the optional subwoofer

You can enjoy more powerful bass by connecting to the optional subwoofer. For connection and usage instructions, refer to the User’s Guide provided with the subwoofer.



Selecting the Sound Mode

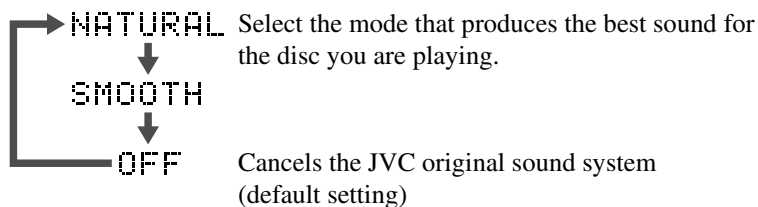
Make sure the switch is set to the [Function] position.



You can obtain enhanced audio from the speakers by activating the JVC original sound system function.

Press **Sound Mode** **6**.

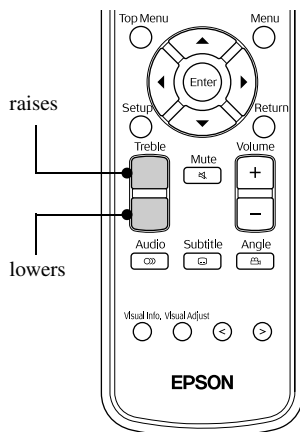
Each time you press **Sound Mode** **6**, the display window display changes as follows. Press **Sound Mode** **6** repeatedly until the desired mode is displayed.



Select the mode that produces the best sound for the disc you are playing.

Cancels the JVC original sound system (default setting)

Adjusting high-pitched tones

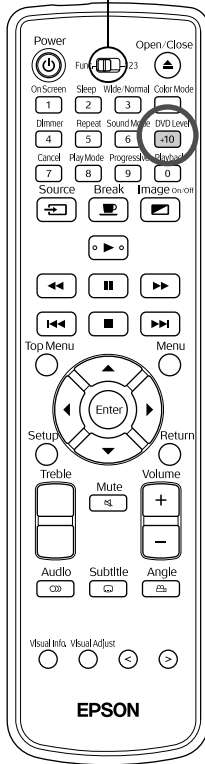


This feature, which adjusts the volume of high-pitched tones, is available only when audio is being input from external video equipment.


Adjusting the audio playback level


DVD
VIDEO

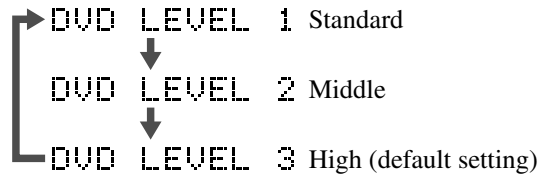
Make sure the switch is set to the [Function] position.



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

Press  during playback.

Each time you press , the display window changes as follows. As you listen to the audio being played, press repeatedly until the setting you want is displayed.



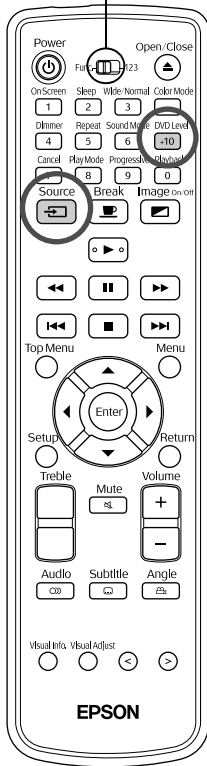
TIP

- The setting is only effective when **DVD VIDEO** is played. It does not affect the output level from the Optical Audio-Out port.
- This operation can also be performed when the video is stopped or paused.


Adjusting the audio input level of external audio equipment

EXT.
VIDEO


Make sure the switch is set to the [Function] position.




You can adjust the audio input level of equipment connected to the Audio port.

1 Press  and switch to the external video mode.



2 Press and hold  for approximately 2 seconds.

Each time you press and hold , the display window changes as follows.

LEVEL 1 For normal use (default setting)



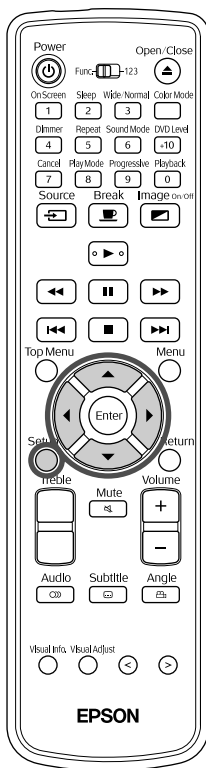
LEVEL 2 Use this setting when the input level from external equipment is too low and the audio is difficult to hear.

Fine-Tuning Your MovieMate


Settings Menu

You can adjust the MovieMate settings to suit your viewing environment.

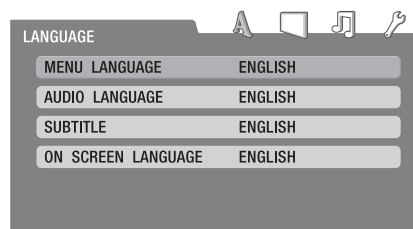
Using the settings menu




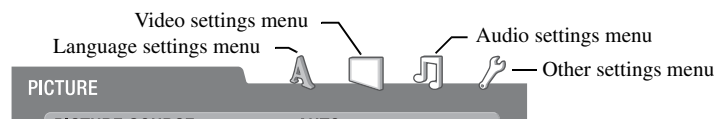
The Settings menu allows you to change the language, audio and video options, and more. This section describes how to use the menu.

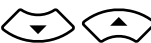
- 1 When a video is stopped, or when there is no disc loaded in the disc tray, press .


The following settings menu is displayed.




- 2 Press  to move the pointer to the icons at the top right and select the menu group.



- 3 Press  to select the item to be set.

- 4 Press  to display the options in a pull-down menu.

5 Press   to select the item, then press .

To return to the previous menu level, press .

Settings menu options

Boldface indicates the default.

Language settings menu

Item	Settings
Menu Language Select the language for the DVD video menu.	For “AA” and other language codes, see the “Language Code List” on page 46.
Audio Language Select the language for the DVD video soundtrack.	These settings become available when settings have been recorded on the disc itself. When settings have not been recorded, the setting contents become available. If the selected language has not been recorded on the disc, the default language for that disc is used.
Subtitle Language Select the language for the DVD video subtitles.	
On-screen language Select the language for displaying the menus (Settings, Picture Quality, Video Information).	

Video settings menu

Item	Settings
Video Source	Auto: The image source (video/film) is determined automatically. Film: Suitable for film, or video images that have been recorded with the progressive scan method. Video: Suitable for video images.
Screensaver Select whether or not to fade out the projected screen after a still picture has been displayed for around 5 minutes and no operation has been performed.	On: Fades out. Off: Does not fade out.
File Type Select which format to play when a disc containing both MP3/WMA and JPEG files is inserted.	Audio: Plays only MP3/WMA files. Photo: Plays only JPEG files. When you change this setting, it does not take effect until you open and close the disc tray, or switch the power off and then on.

Audio settings menu

Item	Settings
<p>Digital Audio Output Select the output signal according to the equipment connected to the Optical Audio-Out port. For detailed signal information, see page 46.</p>	<p>PCM only: Use when connected to equipment that is only compliant with Linear PCM (Pulse Coded Modulation). DOLBY DIGITAL/PCM: Use when connected to a Dolby Digital Decoder or when connected to equipment with this function. Stream/PCM: Use when connected to a DTS/Dolby Digital Decoder, or when connected to equipment with these functions.</p>
<p>Downmix Toggles the signal from the Optical Audio-Out port between [Digital Audio Output] and [PCM only]. The audio signal from the built-in speaker and the headphone jack is also changed.</p>	<p>Dolby Surround: Use when connecting to equipment with built-in Dolby Pro-Logic decoder. Stereo: Use when connecting to standard equipment.</p>
<p>D. (Dynamic) Range Compression Corrects the variation in the way we hear loud and quiet sounds when playing back at low volume. Only available for DVD videos that have been recorded in Dolby Digital.</p>	<p>Auto: D. Range Compression is performed automatically. On: D. Range Compression is always on.</p>

Other settings menu

Item	Settings
<p>Resume Selects whether to resume playback from the point where it was stopped or from the beginning of the chapter.</p>	<p>On: Resumes playback from the point where it was stopped. Off: Playback starts from the beginning.</p>
<p>On-screen Guide Selects whether to display the on-screen guide.</p>	<p>On: Displayed. Off: Not displayed.</p>
<p>Parental Lock Sets the parental lock that cuts extreme scenes from the DVD video and replaces them with other scenes.</p>	<p>Country code: Select US. For a list of country codes, see page 47. Set level: The smaller the numerical value, the greater the restriction. When None is selected, Parental Lock is disabled. Password: Make sure you set a four digit password using the remote control numeric buttons (1-9, 0). The password set here is input upon playback or the next time you make changes to settings. If you forget the password, input 8888. If the wrong password is entered three times, the settings menu closes. EXIT: Exits the parental lock settings.</p>

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
FO	Faroese	LV	Latvian, Lettish	SK	Slovak	ZU	Zulu
FY	Frisian	MG	Malagasy	SL	Slovenian		
GA	Irish	MI	Maori	SM	Samoan		

“Digital Audio Output” settings and output signals

Playback Disc	“Digital Audio Output” Settings		
	Stream/PCM	Dolby Digital/PCM	PCM Only
48 kHz, 16/20/24 bit Linear PCM DVD video 96 kHz Linear PCM DVD video	48 kHz, 16 bit stereo linear PCM		
DTS DVD video	DTS bit stream	48 kHz 16 bit linear PCM	
Dolby digital DVD video	Dolby digital bit stream		48 kHz, 16 bit stereo linear PCM
Audio CD Video CD SVCD	44.1 kHz, 16 bit stereo linear PCM/48 kHz, 16 bit linear PCM		
DTS Audio CD	DTS bit stream	44.1 kHz, 16 bit linear PCM	
MP3/WMA disc	32/44.1/48 KHz, 16 bit linear PCM		

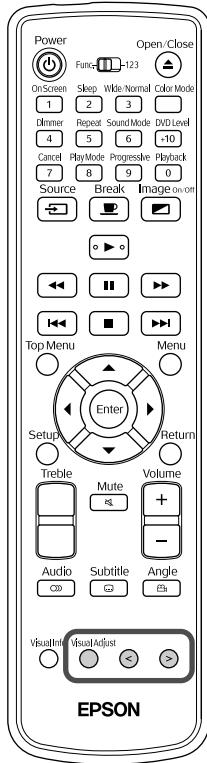
Country (area) code list


AD	Andorra	ET	Ethiopia	LC	Saint Lucia	SD	Sudan
AE	United Arab Emirates	FI	Finland	LI	Liechtenstein	SE	Sweden
AF	Afghanistan	FJ	Fiji	LK	Sri Lanka	SG	Singapore
AG	Antigua and Barbuda	FK	Falkland Islands (Malvinas)	LR	Liberia	SH	Saint Helena
AI	Anguilla	FM	Micronesia (Federated States of)	LS	Lesotho	SI	Slovenia
AL	Albania	FO	Faroe Islands	LT	Lithuania	SJ	Svalbard and Jan Mayen
AM	Armenia	FR	France	LU	Luxembourg	SK	Slovakia
AN	Netherlands Antilles	FX	France, Metropolitan	LV	Latvia	SL	Sierra Leone
AO	Angola	GA	Gabon	LY	Libyan Arab Jamahiriya	SM	San Marino
AQ	Antarctica	GB	United Kingdom	MA	Morocco	SN	Senegal
AR	Argentina	GD	Grenada	MC	Monaco	SO	Somalia
AS	American Samoa	GE	Georgia	MD	Moldova, Republic of	SR	Suriname
AT	Austria	GF	French Guiana	MG	Madagascar	ST	Sao Tome and Principe
AU	Australia	GH	Ghana	MH	Marshall Islands	SV	El Salvador
AW	Aruba	GI	Gibraltar	ML	Mali	SY	Syrian Arab Republic
AZ	Azerbaijan	GL	Greenland	MM	Myanmar	SZ	Swaziland
BA	Bosnia and Herzegovina	GM	Gambia	MN	Mongolia	TC	Turks and Caicos Islands
BB	Barbados	GN	Guinea	MO	Macau	TD	Chad
BD	Bangladesh	GP	Guadeloupe	MP	Northern Mariana Islands	TF	French Southern Territories
BE	Belgium	GQ	Equatorial Guinea	MQ	Martinique	TG	Togo
BF	Burkina Faso	GR	Greece	MR	Mauritania	TH	Thailand
BG	Bulgaria	GS	South Georgia and the South Sandwich Islands	MS	Montserrat	TJ	Tajikistan
BH	Bahrain	GT	Guatemala	MT	Malta	TK	Tokelau
BI	Burundi	GU	Guam	MU	Mauritius	TM	Turkmenistan
BJ	Benin	GW	Guinea-Bissau	MV	Maldives	TN	Tunisia
BM	Bermuda	GY	Guyana	MW	Malawi	TO	Tonga
BN	Brunei Darussalam	HK	Hong Kong	MX	Mexico	TP	East Timor
BO	Bolivia	HM	Heard Island and McDonald Islands	MY	Malaysia	TR	Turkey
BR	Brazil	HN	Honduras	MZ	Mozambique	TT	Trinidad and Tobago
BS	Bahamas	HR	Croatia	NA	Namibia	TV	Tuvalu
BT	Bhutan	HT	Haiti	NC	New Caledonia	TW	Taiwan
BV	Bouvet Island	HU	Hungary	NE	Niger	TZ	Tanzania, United Republic of
BW	Botswana	ID	Indonesia	NF	Norfolk Island	UA	Ukraine
BY	Belarus	IE	Ireland	NG	Nigeria	UG	Uganda
BZ	Belize	IL	Israel	NI	Nicaragua	UM	United States Minor Outlying Islands
CA	Canada	IN	India	NL	Netherlands	US	United States
CC	Cocos (Keeling) Islands	IO	British Indian Ocean Territory	NO	Norway	UY	Uruguay
CF	Central African Republic	IQ	Iraq	NP	Nepal	UZ	Uzbekistan
CG	Congo	IR	Iran (Islamic Republic of)	NR	Nauru	VA	Vatican City State (Holy See)
CH	Switzerland	IS	Iceland	NU	Niue	VC	Saint Vincent and the Grenadines
CI	Cote d'Ivoire	IT	Italy	NZ	New Zealand	VE	Venezuela
CK	Cook Islands	JM	Jamaica	OM	Oman	VG	Virgin Islands (British)
CL	Chile	JO	Jordan	PA	Panama	VI	Virgin Islands (U.S.)
CM	Cameroon	JP	Japan	PE	Peru	VN	Viet Nam
CN	China	KE	Kenya	PF	French Polynesia	VU	Vanuatu
CO	Colombia	KG	Kyrgyzstan	PG	Papua New Guinea	WF	Wallis and Futuna Islands
CR	Costa Rica	KH	Cambodia	PH	Philippines	WS	Samoa
CU	Cuba	KI	Kiribati	PK	Pakistan	YE	Yemen
CV	Cape Verde	KM	Comoros	PL	Poland	YT	Mayotte
CX	Christmas Island	KN	Saint Kitts and Nevis	PM	Saint Pierre and Miquelon	YU	Yugoslavia
CY	Cyprus	KP	Korea, Democratic People's Republic of	PN	Pitcairn	ZA	South Africa
CZ	Czech Republic	KR	Korea, Republic of	PR	Puerto Rico	ZM	Zambia
DE	Germany	KW	Kuwait	PT	Portugal	ZR	Zaire
DJ	Djibouti	KY	Cayman Islands	PW	Palau	ZW	Zimbabwe
DK	Denmark	KZ	Kazakhstan	PY	Paraguay		
DM	Dominica	LA	Lao People's Democratic Republic	QA	Qatar		
DO	Dominican Republic	LB	Lebanon	RE	Reunion		
DZ	Algeria			RO	Romania		
EC	Ecuador			RU	Russian Federation		
EE	Estonia			RW	Rwanda		
EG	Egypt			SA	Saudi Arabia		
EH	Western Sahara			SB	Solomon Islands		
ER	Eritrea			SC	Seychelles		
ES	Spain						

Picture Quality Menu


You can adjust the brightness, contrast, and other values of the projected image.

Using the Picture Quality menu





- 1 Press  during projection.
The following menu is displayed.




- 2 Press  repeatedly until the item that you want to change is displayed.

The menu item changes as follows whenever  is pressed.

Brightness → Contrast → Color Saturation → Tint → Sharpness → Keystone → Exit Picture Quality menu


- 3 Press   to make your adjustments.

- 4 Press .

The adjustment closes and the Picture Quality menu disappears.

To return to the previous setting in a menu, press .

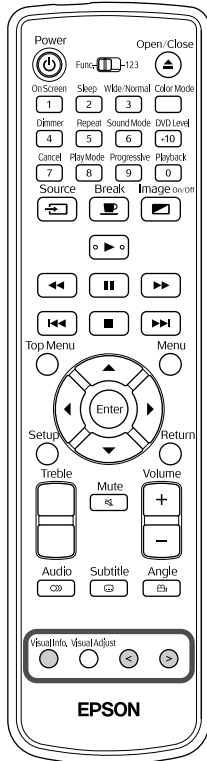
Picture Quality menu settings

Setting Item	Setting Contents
Brightness	Adjusts the image brightness.
Contrast	Adjusts the difference between light and shadow in the image.
Color Saturation	Adjusts the color saturation for the image.
Tint	Only displayed when an NTSC signal is being input. Adjusts the image tint.
Sharpness	Adjusts the image sharpness.
Keystone	<p>If the screen is not positioned vertically, the projected image is distorted in the shape of a keystone. You can correct keystone distortion as follows:</p> 

Video Information Menu

You can view status information and select “Video Signal,” “High Altitude Mode,” and “Lamp-Hours Reset.”

Using the video Information menu





- 1 Press  during projection.



The following Information is displayed.

Information	
Lamp Hours	0H
Source	DVD/CD
Video Signal	Auto (-----)

[Visual Info.]:Next

- 2 Press  repeatedly until the item that you want to confirm or change is displayed. The menu item changes as follows whenever  is pressed:

Information → Video Signal → High Altitude Mode → Lamp-Hours Reset → Exit video Information menu

- 3 Press   to make your adjustments.

- 4 Press .

The adjustment closes and the video Information menu disappears.

To return to the previous setting in a menu, press .

Video Information menu settings

Setting Item	Setting Contents
Information Displays the current status.	<p>Lamp Hours: Accumulated usage time of the lamp. 0H is displayed for 0-10 hours. Displayed in units of 1 hour for 10 hours and above. The display changes to yellow text when it is time to change the lamp.</p> <p>Source: Displays whether standard DVD images are being projected, or images from external video equipment are being projected.</p> <p>Video Signal: Displays the format of the video signal being input.</p>
Video Signal	Sets the signal format of the TV or other video equipment connected to the Video input port or the S-Video input port. At the time of purchase, this is set to "Auto" so the video signal is recognized automatically. If interference appears in the projected images or no images appear when you select "Auto," select the appropriate signal manually.
High Altitude Mode	When using MovieMate in high altitude areas (above 4,900 feet), select ON.
Lamp-Hours Reset	If the lamp has been replaced, make sure you initialize this setting to restart the timer.

Troubleshooting and Maintenance

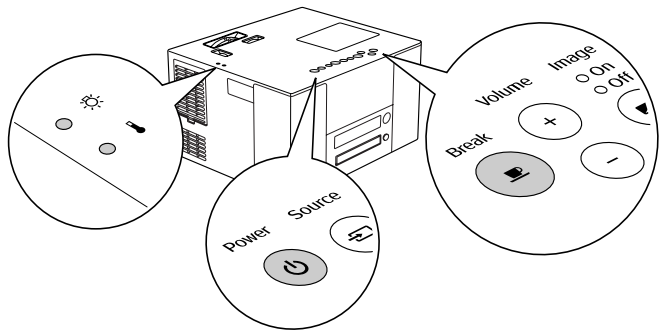
Solving problems

Reading the indicator lights

You can check MovieMate's status using the indicators on the top panel.





Check the following table and follow the steps to remedy the problem.
























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



When flashes green / orange alternately




Error










: flashing green/orange alternately
: lit : flashing : off

















<p>Red  </p> <p>Red  </p> <p></p>	<p>Internal error</p> <p>Turn the main power switch off then on. If the indicator status does not change once  has been pressed and the power switched on . . .</p>	<p>Disconnect the power cable from the electrical outlet and contact Epson as described on page 56.</p>	
<p> </p> <p>Red  </p> <p></p>	<p>Fan related error/Sensor error</p>		
<p> </p> <p>Red  </p> <p></p>	<p>High temperature error (overheating)</p> <p>The lamp turns off automatically and projection stops. After MovieMate is in this state for around 40 seconds and then enters standby mode, check the two items listed to the right.</p> <p>If the power was turned off, turn the main power switch back on again.</p>	<ul style="list-style-type: none"> Place MovieMate at least 8 inches away from the wall. Clean the air filter as described on page 57. 	<p>If the indicator status does not change once  has been pressed and the power turned on . . .</p>
<p>Red  </p> <p> </p> <p></p>	<p>Lamp error/Lamp fails to light up/Lamp cuts out /Lamp cover open</p> <p>Check if the lamp is broken. See page 58.</p>	<p>The lamp is not broken</p> <p>Reinsert the lamp, then turn on the main power switch and press .</p>	<p>If the condition is not fixed once the lamp is re-inserted . . .</p>
	<p>The lamp is broken</p>	<p>Contact Epson as described on page 56.</p>	

When the or indicators flash orange

Warning


: lit : flashing : off


<p>Orange  </p> <p>Green </p>	<p>High-speed cooling in progress</p> <p>You can continue projecting in this state. MovieMate stops automatically if subsequent high temperatures are registered.</p>	<p>Check the two items listed below.</p> <ul style="list-style-type: none"> Place MovieMate at least 8 inches away from the wall. Clean the air filter as described on page 57. 	<p>If there is no improvement when you press  and switch the power on, discontinue use and disconnect the power cable from the electrical outlet. Contact Epson as described on page 56.</p>
<p>Orange  </p> <p> </p> <p>Green </p>	<p>Lamp replacement notification</p> <p>Replace the lamp as soon as possible.</p> <p>If you continue using MovieMate, it is possible that the lamp may explode. See page 58.</p>		

 Orange  Off Orange	Standing by MovieMate is ready to be used.
 Green  Green  On Green	Warming up (about 20 seconds) In warm-up mode, pressing  or  has no effect. Do not turn off the power or unplug the cable during warm-up, as this may reduce the lifespan of the lamp.
 Green  Green  On Green	Projection in Progress
 Green  Off Orange	Cooling down (about 9 seconds) The operation of all remote control and MovieMate buttons is suspended during cool-down. MovieMate enters standby mode once cool-down has completed. Do not turn off the power or unplug the cable during cool-down, as this may reduce the lifespan of the lamp.
 Green  Green  On Green	Break Press  to return to normal playback.



Solving problems

If MovieMate is not functioning normally, check the following notes before requesting repairs. If MovieMate fails to improve, contact Epson as described on page 56.

When this happens . . .	Check the following:	Reference page
Power does not turn on	Is the main power switch in the on position?	page 11
	Disconnect and reconnect the power cable.	page 11
	Is MovieMate cooling down?	page 54
	If the indicator goes on and off when you touch the power cable, turn off the main power switch, then disconnect and reconnect the power cable. If MovieMate fails to improve, it is possible that the power cable has been damaged. Stop using MovieMate, disconnect the power cable from the electrical outlet, and contact Epson.	page 56
No images appear	Is the Image Off indicator lit orange?	page 22
	You cannot play DVD videos if the disc region code does not correspond to the region code label on the side of this unit.	-
	Press  to switch to DVD.	page 37
	Is the lamp burned out?	page 53
Images are fuzzy or out of focus	Has the focus been adjusted?	page 13
	Is the lens cover in place?	page 11
	Is the projector at the correct distance?	page 60
	Could there be condensation on the lens?	-
Images appear dark	Is the color mode appropriate to the usage environment?	page 17
	Is the lamp due for replacement?	page 58
	Is the screensaver running?	page 44

The remote control does not work	Is the Function/Numerics toggle switch in the [1 2 3] (numerical input) position?	page 19
	Depending on the disc, certain operations are prohibited.	-
	Are the batteries dead, or have the batteries been inserted correctly?	page 8
No sound can be heard or the sound is faint.	Has the volume been adjusted to the minimum setting?	page 13
	Is mute mode active? Press  .	-
	Is the DVD level setting set to [DVD LEVEL 1]?	page 41
The audio distorts	Is the volume too loud?	page 13
The audio/subtitle language cannot be changed	If multiple languages are not recorded on the disc, they cannot be changed.	-
Subtitles do not appear	If there are no subtitles on the disc, they are not displayed.	-
	Is the subtitle language set to "Off"?	page 32
	When you use A-B repeat, subtitles may not be displayed before and after point A and point B.	-

Solving problems using external video equipment

When this happens . . .	Check the following:	Reference page
No images appear	Is the power for the connected equipment turned on? Switch on the power to the connected equipment then start playback.	page 37
	When signals have been connected to both the S-Video input port and the Video input port, only the S-Video signal is available. If you want to watch the video equipment connected to the Video input port, disconnect the cable from the S-Video input port.	-
"Signal not supported" is displayed	If you cannot project even when the "Video Signal" is set to "Auto" in the video Information menu, set to the signal format appropriate to the equipment.	page 51
"No signal" is displayed	Are the cables connected correctly?	page 36, 37
	Is the power to the connected equipment turned on? Switch on the power to the connected equipment then start playback.	page 37
	Press  to switch to the connected equipment.	page 37
The signal is distorted	If an extension cable is used, electrical interference may affect the signals. Connect amplification equipment and check.	-
Image is cut off (too large) or too small	MovieMate automatically recognizes and projects the aspect ratio for the input signal. If the aspect ratio is not projected correctly, press  .	-
Image colors are not right	In the video Information menu, set the "Video Signal" to the signal format appropriate to the equipment.	page 51

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 your 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 the powered subwoofer and other accessories from an authorized Epson dealer. To find the nearest dealer, please call 800-GO-EPSON (800-463-7766). To purchase online, visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Maintenance

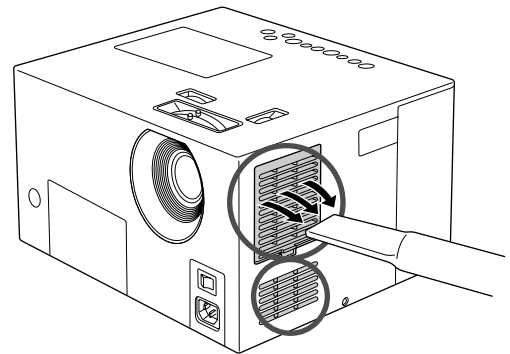
Cleaning

Cleaning the air filter

You need to clean the air filter when dust builds up or you see the message “The projector is overheating. Make sure nothing is blocking the air vents, and clean or replace the air filter.” Use a small vacuum cleaner designed for computers or other office equipment, as shown. If you don’t have one, gently clean the filter using a very soft brush, such as an artist’s paintbrush.

CAUTION

If dust collects on the air filter, it can cause the internal temperature to rise, and this can lead to problems with operation and shortening of the optical engine’s service life. It is recommended that you clean these parts at least once every three months. Clean them more often than this if using the MovieMate in particularly dusty environments.



Cleaning MovieMate

Clean the surface by wiping it gently with a soft cloth. If MovieMate is particularly dirty, moisten the cloth with water containing a small amount of neutral detergent, and then wring the cloth nearly dry before using it. Then wipe MovieMate again with a soft, dry cloth.

CAUTION

Do not use volatile substances such as wax, alcohol, or thinner to clean MovieMate’s surface. These can cause MovieMate to warp and make the coating finish peel off. Never spray cleaners directly on MovieMate.

Cleaning the projection lens

Use a canister of compressed air to remove dust. To remove dirt or smears, use lens cleaning paper to gently wipe the lens.

CAUTION

Do not rub the lens with harsh materials or subject the lens to shocks, as it can easily become damaged.

Replacing the air filter and lamp

Replace the air filter when it gets dirty or broken.

Replace the lamp when you see the message “Replace the lamp” or when the projected image gets darker or starts to deteriorate.

- In order to maintain the initial brightness and image quality, the lamp replacement message is displayed after about 1900 hours of use has passed. The time at which this message is displayed will vary depending on the color mode settings and the conditions under which this unit has been used.
- If you continue to use the lamp after this period, the possibility of the lamp breaking becomes greater. When the lamp replacement message appears, replace the lamp with a new one as soon as possible, even if it is still working.
- Depending on the characteristics of the lamp and on the way it has been used, the lamp may become darker or stop working before the lamp warning message appears. You should always have a spare lamp ready in case it is needed (part # V13H010L33).
- Contact Epson for a spare lamp.

Replacing the air filter

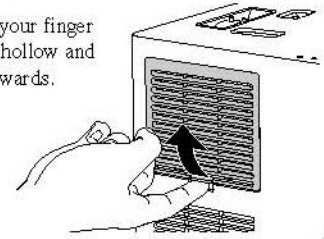


Dispose of used air filters properly in accordance with your local regulations.
Filter: Polypropylene

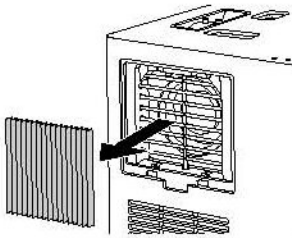
1 Once the power has turned off, cool-down has completed, and the projector has beeped twice, turn off the main power switch.

2 Remove the air filter cover.

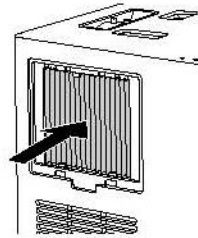
Place your finger in the hollow and lift upwards.



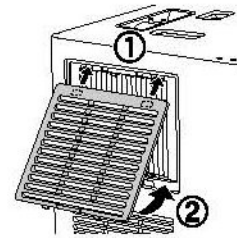
3 Take out the old air filter.



4 Install the new air filter.



5 Install the filter cover.



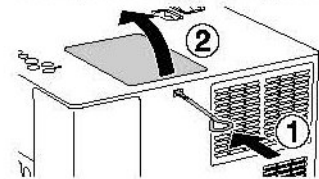
Replacing the lamp



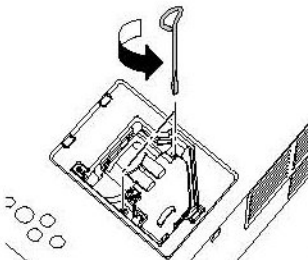
The lamp is hot immediately after use. Once the power has been switched off, wait approximately one hour before replacing the lamp to allow it to cool thoroughly.

1 Once the power has turned off, cool-down has completed, and the projector has beeped twice, turn off the main power switch and disconnect the power cord.

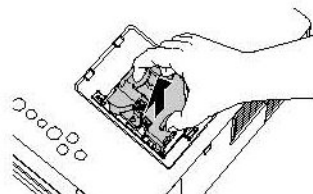
2 Remove the lamp cover by inserting the screwdriver that came with the replacement lamp into the lamp cover opening latch.



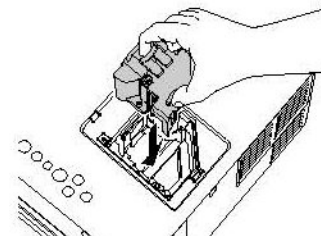
3 Loosen the lamp attachment screws.



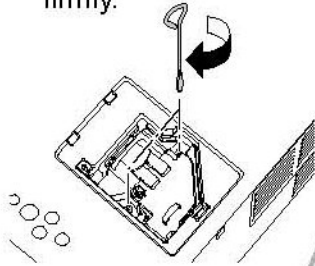
4 Take out the old lamp. If the lamp is broken, be careful to avoid pieces of glass.



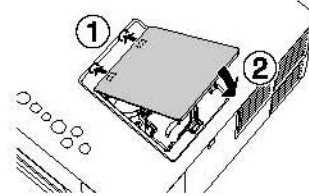
5 Install the new lamp.



6 Tighten the lamp attachment screws firmly.



7 Install the lamp cover.






CAUTION

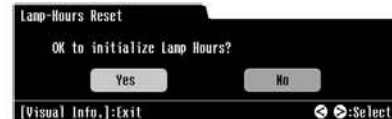
- Install the lamp and the lamp cover securely. For the safety reasons, the lamp will not turn on if the lamp or the lamp cover is not installed correctly.
- The lamp component contains mercury. Please consult your state and local regulations regarding proper disposal or recycling. Do not place in the trash.




Resetting the lamp operating time

After the lamp has been replaced, make sure you initialize the Lamp Hours setting. The projector has a built-in counter that keeps track of the lamp operating time and the lamp replacement message is displayed based on this counter.

1 Turn on the main power switch then press . If the lamp is not lit, press .

2 Press  repeatedly during projection to display "Lamp-Hours Reset."



3 Press   and select "Yes." Reset is performed when you press .



Specifications and Notices

Projection Distance and Screen Size

Refer to the following tables and place MovieMate in a position which allows the best possible projection for your screen size or the projected image size you want.

16:9 Screen Size (inches)		Projection Distance (feet)	
		Minimum (Zoom Adjustment Wide)	Maximum (Zoom Adjustment Tele)
30	26 x 15	2.4 - 3.7	
40	35 x 20	3.2 - 4.9	
60	51 x 28	4.9 - 7.4	
80	71 x 39	6.6 - 9.9	
100	87 x 47	8.2 - 12.4	
120	106 x 59	9.9 - 14.9	
150	130 x 75	12.4 - 18.6	

4:3 Screen Size (inches)		Projection Distance (feet)	
		Minimum (Zoom Adjustment Wide)	Maximum (Zoom Adjustment Tele)
30	24 x 18	2.9 - 4.5	
40	32 x 24	4.0 - 6.0	
60	47 x 35	6.0 - 9.0	
80	63 x 47	8.0 - 12.1	
100	79 x 59	10.1 - 15.2	
120	94 x 71	12.1 - 18.2	
150	118 x 91	15.1 - 22.8	

Specifications / Compliant Resolutions

Product name	Epson MovieMate 25			
Dimensions	13.4 in. wide x 7.1 in. high x 12.2 in. deep (excluding feet)			
Panel size	0.55-inch wide			
Display method	Polysilicon TFT active matrix			
Resolution	409,920 pixels (854 (W) x 489 (H) dots) x 3			
Focus adjustment	Manual			
Zoom adjustment	Manual (approx. 1:1.5)			
Lens shift	Manual (vertical maximum approximately 50%, horizontal maximum approximately 25%)			
Lamp (light source)	UHE lamp, 135 W, Model No. ELPLP33			
Power supply	100-240 VAC 50/60 Hz 2.6 - 1.2 A			
	Power consumption Operating: 230 W (100 to 120 V area), 220 W (200 to 240 V area) Standby: 6 W (100 to 120 V area), 9 W (200 to 240 V area)			
Operating temperature	41° - 95° F (No condensation)			
Storage temperature	14° - 140° F (No condensation)			
Weight	Approximately 15.4 lb			
Connectors	Input	Audio port	1	RCA pin jack
		S-Video port	1	Mini DIN 4-pin
		Video port	1	RCA pin jack
	Output	Subwoofer port	1	RCA pin jack
		Optical Audio-Out port	1	Square optical jack
		Headphone jack	1	3.5 mm mini-jack
Speaker	Output sound wave pressure level 79 dB/Wm Maximum input (JIS) 10W Rated impedance 4Ω			
Audio output	Analog audio output	1 speaker system: Practical, maximum output 10W + 10W (10% THD JEITA/4Ω)		
		1 headphone system: 12 mW/32Ω Acceptable impedance 16Ω - 1kΩ		
		1 subwoofer system (L+R): 0.25 V _{rms} /27 kΩ		
		Dynamic range 70 dB (JEITA) or more		
	Total harmonic distortion rate 0.5% (JEITA) or less			
Digital audio output	Light: -21dBm to -15 dBm			
Readable disc types	DVD video, Video CD, SVCD, Audio CD, CD-R/RW (Audio CD, Video CD, SVCD, MP3/WMA, JPEG format), DVD-R/RW (DVD video format)			



Pixelworks DNX™ IC is installed in this unit.

Composite Video/S-Video

Signal	Resolution	Aspect Mode	
		Normal	Wide
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)

Safety

Safety

USA

UL60950 Third Edition

UL60065 Seventh Edition

Canada

CSA C22.2 No.60950

CSA C22.2 No.60065

EMC

USA

FCC Part 15B Class B (DoC)

Canada

ICES-003 Class B

Safety Instructions

Important information

Read the following important information about your MovieMate.

Important safety information

Warning:

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Warning:

Never look into the projector lens when the lamp is switched on as the bright light can damage your eyes. Never let children look into the lens when it is on.

Warning:

Never open any covers on the projector except the lamp cover. Dangerous electrical voltages inside the projector can cause severe injury. Except as specifically directed in the User's Guide supplied, do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

Warning:

Keep the plastic bags for the projector, accessories and optional parts out of the reach of children. Children covering their heads with bags may result in death by suffocation. Be particularly careful around small children.

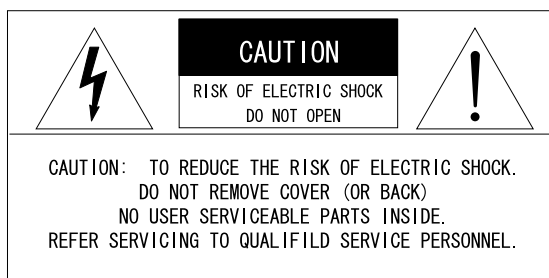
Class 1 LASER Product

Caution:

Do not open the top cover. There are no user serviceable parts inside the unit.

Caution:

When you replace the lamp, never touch the new bulb with your bare hands. The invisible residue left by the oil on your hands may shorten the bulb life. Use a cloth or gloves to handle the new bulb.



This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.

Important safety instructions

Follow these safety instructions when setting up and using the projector :

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not override the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third grounding prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the unit.
- Only use attachments/accessories specified by the manufacturer.
- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the unit. When moving the unit on a cart, be careful to avoid tipping the cart over and causing injury.



- Unplug this unit during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been

exposed to rain or moisture, does not operate normally, or has been dropped.

- Do not expose this unit to water or place objects containing liquids on this unit.
- Do not place the source of a naked flame, such as a lit candle, on this unit.
- Connect this unit to an earthed electrical outlet.
- Ensure there is at least 8 inches between the exhaust vent and any walls, etc.
- Ensure there is at least 4 inches between the air intake vent and any walls, etc.
- Do not project when the lens cover is on.

It is possible that the lens cover may melt from the heat and cause burns or injuries.

To interrupt the projection, press [Video On/Off] during projection.

- Do not leave this unit or the remote control with its batteries installed in such places as the inside of a car with the windows closed, in direct sunlight, near the intake/exhaust of an air conditioner or heater, or in places where the temperature rises above normal. This may have a negative effect upon the internal parts of this unit and cause heat deformation or fire.
- When unplugging the power plug/power connector, do not pull on the power cable.
Make sure you grasp the plug or connector part, then unplug.
- Do not set the volume too high from the outset.
A loud sound may be produced suddenly that may cause damage to the speaker or your hearing. As a precaution, lower the volume before you switch off this unit then raise it gradually after you switch it back on.
- When using headphones, do not turn the volume up too loudly.
You may adversely affect your hearing when listening at loud volumes over extended periods of time.
- When maintaining this unit, remove the power plug/power connector from the wall outlet.
If not, you run the risk of an electric shock.
- Do not place the projector on an unstable cart, stand, or table.
- Use the type of power source indicated on the projector. If you are not sure of the power available, consult your dealer or local electricity company.
- Place the projector near a wall outlet where the plug can be easily unplugged.
- Check the specifications of the power cable. Using an inappropriate power cable could result in fire or electric shock.

The power cable supplied with the projector is intended to comply with power supply requirements for the country of purchase.

If using the projector overseas, check the power supply voltage and outlet shape that conform to the local standards, and purchase a proper power cable in the country.

- Take the following precautions when handling the plug. Failure to comply with these precautions could result in fire or electric shock.
 - Do not insert the plug into an outlet with dust present.
 - Insert the plug firmly into the outlet.
 - Do not handle the plug with wet hands.
- Do not overload wall outlets, extension cables, or integral convenience receptacles. This can cause fire or electric shock.
- Do not place the projector where the cable can be stepped on. It may result in fraying or damage to the plug.
- Unplug the projector from the wall outlet before cleaning. Use a damp cloth for cleaning. Do not use liquid or aerosol cleaners.
- Do not block the slots and openings in the projector case. They provide ventilation and prevent the projector from overheating. Do not place the projector on a sofa, rug, or other soft surface, or in a closed-in cabinet unless proper ventilation is provided.
- Never push objects of any kind through cabinet slots. Never spill liquid of any kind into the projector.
- Unplug the projector from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power cable or plug is damaged or frayed.
 - If liquid has been spilled into the projector, or it has been exposed to rain, water, or excessive humidity.
 - If it does not 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.
- The internal projector components consist of many glass parts such as the lens and projection lamp. 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 for a replacement.

Particular care should be taken when the projector is mounted on the ceiling, as small pieces of glass may fall down when the lamp cover is removed. Be very careful not to allow such pieces of glass to get into the eyes or mouth.

- 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.
- Never try to remove the lamp immediately after use. Doing so will result in serious burns. Before removing the lamp, turn off the power supply and wait approximately one hour to allow the lamp to cool completely.
- A mercury lamp with high internal pressure is used as the projector's light source. Mercury lamps may make a loud noise when they break. Handle the lamp with extreme care while observing the following. If the following points are not observed, injury or poisoning may result.
 - Do not damage the lamp or subject it to any impacts.
 - Do not use the lamp after the lamp replacement period has elapsed. Once the lamp replacement period has elapsed, the possibility of the lamp breaking becomes greater. When the lamp replacement message appears, replace the lamp with a new one as soon as possible.
 - The gases inside mercury lamps contain mercury vapor. If the lamp breaks, immediately ventilate the room to prevent the gases that are released when the lamp breaks 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, in order to prevent the gases that are released when the lamp breaks from being inhaled or coming into contact with the eyes or mouth.
 - If the lamp breaks and needs to be replaced with a new lamp, contact Epson to carry out the replacement. If the lamp breaks, pieces of broken glass may get scattered around inside the projector.
 - Particular care should be taken when the projector is mounted on the ceiling, as small pieces of glass may fall down when the lamp cover is removed. If cleaning the projector or replacing the lamp yourself, be very careful not to allow such pieces of glass to get into the eyes or mouth.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.

- Consult your local, state, or federal regulations regarding proper disposal of the lamp and do not place in the trash.
- If there is an electrical storm, do not touch the power plug; otherwise you may receive an electric shock.
- If using a remote control that takes batteries, keep these batteries out of the reach of children. Batteries are choking hazards and can be very dangerous if swallowed.
If the batteries are swallowed, seek medical assistance immediately.
- When replacing batteries, take the following precautions.
 - Replace the batteries as soon as they run out.
 - If the batteries leak, wipe away battery fluid with a soft cloth. If fluid gets on your hands, wash immediately.
 - Do not expose batteries to heat or flame.
 - Dispose of used batteries according to local regulations.
 - Remove the batteries if you won't be using the projector for a long period of time.
- Do not stand on the projector or place heavy objects on it.

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.)

Use and Storage

Take note of the following advice in order to prevent malfunction and damage.

Notes on handling and storage

- Use and store this unit within the operating temperature range and storage temperature range as specified in this manual.
- Do not install the unit in a place prone to vibration or shock.
- Do not install the unit close to television, radio or video equipment that generates magnetic fields. This may have a negative effect when projecting the playback of audio and video with this unit, and may cause this unit to malfunction. In the event that such symptoms occur, move the unit further away from any television, radio and video equipment.
- Do not install this machine on an incline.
- Do not move this unit during playback. This may damage the disc or cause malfunction.
- Avoid using or storing this unit in cigarette or other smoke filled places, or in rooms containing a large amount of dust. This may cause degradation of the image quality.
- Do not touch the projection lens with your bare hands. If fingerprints or marks are left on the face of the lens, the image will not be projected clearly. Make sure the lens cover is securely in place when not in use.
- Epson will not be held responsible for damage arising from projector or lamp failure outside the range of that which is covered in your warranty terms.

Condensation

If you move this unit from a cold place into a warm room, or, if the room in which this unit is installed is heated rapidly, condensation (moisture) may form internally or on the lens surface. If condensation forms, it may not only cause incorrect operation such as weakening of the image, but also damage the disc and/or parts. In order to prevent against condensation, set up this unit in the room approximately one hour before it is to be used. If by some chance condensation does form, turn on the main power switch then wait 1-2 hours before use. Do not use the lamp during this time.

Lamp

This product includes a lamp component that contains mercury. Please consult your state and local regulations regarding disposal or recycling. Do not put in the trash. MovieMate uses a mercury lamp with a high internal pressure as its light source. Mercury lamps have the following characteristics.

- Lamp brightness decreases once the rated lamp usage time has passed.
- When the lamp reaches the end of its life, it may enter a state where it will no longer light, or it may explode with a loud noise due to impact, deterioration, or the expiration of its usage time.
- Depending on the individual difference of each lamp and the conditions of use, there is a considerable difference in the time it takes for the lamp to reach the end of its life. Make sure you have a replacement lamp available.
- The potential for the lamp to explode increases once the lamp usage time has been exceeded. When the lamp replacement message appears, promptly replace the lamp with a new one.

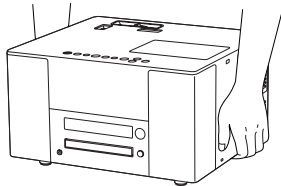
LCD panel

- Although the liquid crystal panel is made using very precise high technology, you may see some black pixels, or pixels that are always lit red, blue, or green. You may also be able to see lines with irregular brightness or color. These are normal characteristics of liquid crystal panels, and are not indicative of any malfunction. Be aware of this fact.

When moving this unit

- Make sure the lens cover is securely in place.
- Remove any discs and close the disc tray.
- Hold the projector as shown in the following illustration.

Be careful not to damage the mesh covering the speakers. Lift the unit as shown:



Transportation cautions

- Many glass and precision parts are used within this unit. In order to prevent impact during transportation, re-use the box and protective packaging you received at the time of purchase. If you no longer have the original packing, protect the outside of this unit with shock absorbing material to protect it from impact, place it inside a strong box and make sure it is clearly labeled for the transportation of precision equipment.
 - Take off the lens cap and wrap it.
 - If using a courier service for transportation, inform them that this unit contains precision equipment and should be handled accordingly.
- * Your warranty does not cover any damages that may occur to this product during transportation.





Copyright

- This unit is equipped with Macrovision copy protection. The intellectual property rights to the patent of this copy protection technology are owned by the Macrovision Company of America, and others. When employing this technology, a license is required from the Macrovision company. The Macrovision company does not authorize the use of this technology except for a limited range of intended purposes, including home use. Further, remodeling, disassembly, and reverse engineering are prohibited.
- Reproduction of a disc for the purposes of broadcast, projection in public, public musical performance, or rental (regardless of compensation, remuneration, or lack thereof) without the permission of the copyright owner, is strictly prohibited.

About Discs

Readable disc types

The following discs can be played.

DVD video 	Audio CD 
Video CD/SVCD (Super Video CD)	
  Video CD PBC (Playback control) equipped Video CD (version 2.0 compliant).	
CD-R/CD-RW	
Only discs recorded in the following formats can be reproduced. <ul style="list-style-type: none"> • Audio format (finalized) • Video CD format • SVCD format • MP3/WMA, JPEG discs recorded in accordance with ISO9660 standard 	
DVD-R/DVD-RW	
Only discs recorded in the DVD video format (finalized) can be reproduced.	

- You cannot play DVD videos if the disc region code does not correspond to the region code label on the side of this unit.
- The performance and tonal quality of copy-control CD discs that do not conform to the compact disc (CD) standard cannot be guaranteed with this unit.
CDs that conform to the CD standard will bear the following compact disc logo mark. Check what is displayed on the packaging of the audio disc.



- This unit conforms to the NTSC, PAL, and SECAM television signal formats.
- In the case of DVD video, SVCD, and Video CD, playback functions may be limited by the intentions of the software producers. As this unit plays back the contents of a disc according to the intentions of the software producers, certain functions may not work if performed. Refer to the attached user information of the disc being played.

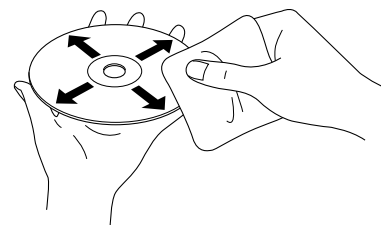
- Depending on how a DVD-R, DVD-RW, CD-R, or CD-RW has been recorded, or if a disc is dirty, smeared, scratched, or warped, some discs may not be readable, or playback may take some time.
- Only the audio of the following discs can be reproduced.
 - MIX-MODE CD •CD-G •CD-EXTRA
 - CD TEXT

Unreadable disc types

- The following discs cannot be played. It is possible to damage the speaker with the noise generated if these discs are played back by mistake.
 - DVD-R/DVD-RW recorded in the VR format
 - DVD-ROM •CD-ROM •PHOTO CD
 - DVD+R •DVD+RW •DVD-RAM
 - DVD audio •SACD •DVD-R DL
- Round discs with a diameter other than 8 cm or 12 cm
- Specially made non-circular (heart, polygon shaped, and so on) discs

Disc Handling

- Avoid touching the playback side with your bare hands.
- Make sure you store discs in their cases when not in use.
- Avoid storing your discs in places with high humidity or in direct sunlight.
- If the playback surface of the disc is dirty with dust or fingerprints, the video and audio quality may deteriorate. When the playback surface is dirty, gently wipe the disc clean with a soft dry cloth, starting from the center of the disc then moving outwards.



- Do not use cleaning products such as benzene, or anti-static products designed for analog records.
- Do not glue paper or stickers onto a disc.

DECLARATION of CONFORMITY

According to 47CFR, Part 2 and 15
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
Tel: 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

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 or Declaration 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.

Glossary

JPEG

A file format used for saving image files. Most photographs taken with digital cameras are saved in the JPEG format.

MP3

The abbreviated form of “MPEG1 Audio Layer-3,” a standard for audio compression. It enables the size of the data to be greatly reduced, while maintaining a high sound quality.

NTSC

The abbreviated form of the “National Television Standards Committee”, and given to one of the analog color television wave transmission systems. This system is used in Japan, the USA and Latin America.

PAL

The abbreviated form of “Phase Alteration by Line,” and given to one of the analog color television wave transmission systems. This system is used in China, Western Europe, with the exception of France, and in other African and Asian countries.

SECAM

The abbreviated form of “SEquential Couleur A Memoire,” and given to one of the analog color television wave transmission systems. This system is used in France, Eastern Europe, the former Soviet Union, the Middle East and some African nations.

WMA

The abbreviated form of “Windows Media Audio,” an audio compression technology developed by Microsoft.[®] You can encode WMA data using Windows Media Player Ver.7, 7.1, Windows Media Player for Windows XP, or the Windows Media Player 9 Series.

Windows Media and the Windows logo, are trademarks or registered trademarks of the Microsoft Corporation of America, in America and in other countries.

When encoding WMA files, please use applications that have been certified by the Microsoft Corporation of America. If you use an application that has not been certified, it is possible that it may not operate correctly.

Aspect ratio

The ratio between an image’s length and its height. HDTV images have an aspect ratio of 16:9 and appear elongated. The aspect ratio for standard images is 4:3.

Cool-down

A process to enable the lamp to cool down from the high temperatures attained during projection. Performed automatically when this unit is turned off. Do not remove the power plug during cool-down. If cool-down is not performed correctly, the lamp or internal structure of the main unit can overheat which may reduce the lifespan of the lamp or cause damage to this unit. Cool-down is complete once the main unit beeps twice.

Parental Lock

For age restriction. There are also display level settings for when a DVD video contains material which is unsuitable for viewers of a young age.

Dynamic Range

Shows the ratio of minimum and maximum audio level values recorded to a disc in decibels (dB). The dynamic range values indicate what detailed signals can be reproduced by various equipment.

Optical digital out

Converts the audio signal into a digital signal and enables it to be transmitted along optical fiber. An advantage is that interference is not produced, unlike conventional means, where external interference is picked up by the cable.

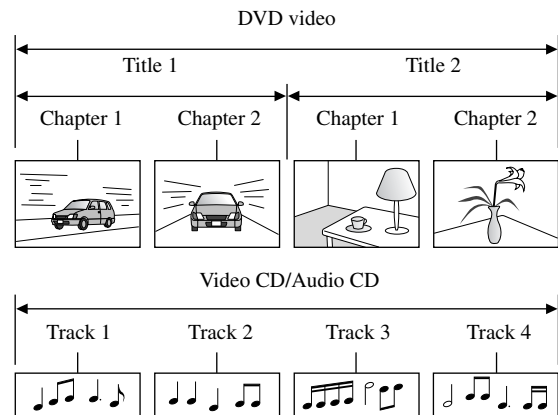
Playback control (PBC)

A method for playing back Video CDs. You can select the screen or information you want to see from the menu screen displayed.

Disc related terms

Title/Chapter/Track

A movie on a DVD is divided into units called titles, which may contain any number of chapters. Video and Audio CDs are divided into units called tracks.



Epson America, Inc. Limited Warranty

Basic Two-Year Warranty and 90-Day Lamp 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.

What This Warranty Does Not Cover: This warranty covers only normal use of the product in the United States and Canada. 24-hour-per-day use of this product causes unusual strain and is not considered normal use. This warranty does not cover consumables (e.g., fuses), other than lamps. This warranty does not apply to refurbished or reconditioned products, and this warranty is not transferable. Epson is not responsible for warranty service should the Epson label or logo or the rating label or serial number be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and lightning, improper electrical current, software problems, interaction with non-Epson products, or service other than by an Epson Authorized Servicer. Postage, insurance, or shipping costs incurred in presenting your Epson product for carry-in warranty service are your responsibility. If a claimed defect cannot be identified or reproduced in service, you will be held responsible for costs incurred.

THE WARRANTY AND REMEDY PROVIDED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED TO THE WARRANTY PERIOD IDENTIFIED ABOVE. UNLESS STATED HEREIN, ANY STATEMENTS OR REPRESENTATIONS MADE BY ANY OTHER PERSON OR FIRM ARE VOID. EXCEPT AS PROVIDED IN THIS WRITTEN WARRANTY, NEITHER EPSON AMERICA, INC. NOR ITS AFFILIATES SHALL BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, INCLUDING DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING

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In Canada, warranties include both warranties and conditions.

Some jurisdictions do not allow limitations on how long an implied warranty lasts, and some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from jurisdiction to jurisdiction.

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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