

Portable DVD Player

Operating Instructions

Owner's Record

The model and serial numbers are located on the bottom of the unit.
Record these numbers in the space provided below.
Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. MV-65ST Serial No. _____

For installation and connections, refer to "Connection" on page 8.



MV-65ST

Warning

CAUTION

The use of optical instruments with this product will increase eye hazard.

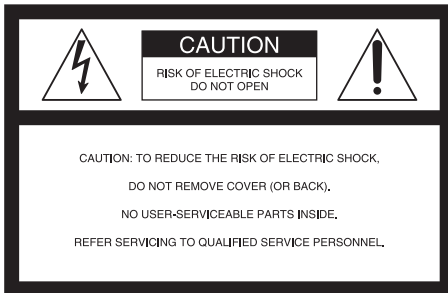
CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

**DANGER —INVISIBLE LASER RADIATION WHEN OPEN.
AVOID DIRECT EXPOSURE TO BEAM.**

This is located on the drive unit's internal chassis.

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



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 appliance.

Warning

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, 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.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

CAUTION

The use of optical instruments with this product will increase eye hazard.

For the customers in the United States

This product contains mercury. Disposal of this product may be regulated if sold in the United States. For disposal or recycling information, please contact your local authorities or the Electronics Industries Alliance (<http://www.eiae.org>).

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Welcome !

Thank you for purchasing this Sony Portable DVD Player. You can enjoy its various features even more with:

- DVD/Video CD/Audio CD playback.
- Support DTS/Dolby digital through optical digital output terminal.
- MP3/JPG file playback (recorded on CD-ROMs/CD-Rs/CD-RWs).
- **Supplied controller accessory**
Card remote commander
RM-X137

Before operating the player, please read this operating instructions thoroughly and retain it for future reference.

Copyrights

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents, other intellectual property rights owned by Macrovision Corporation, and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

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"DTS," "DTS Digital Surround" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.



Precautions

To avoid the risk of serious injury or accident, read the following precautions before installing and operating the player.

On safety

Do not put any foreign objects in the DC IN 12V jack.

On power sources

- Use house current or car battery (12 V DC).
- For use in your house, use the AC power adaptor supplied with the player. Do not use any other AC power adaptor since it may cause the player to malfunction.

Polarity of the plug



- Connect the AC power adaptor to an easily accessible AC outlet. Should you notice an abnormality in the AC power adaptor, disconnect it from the AC outlet immediately.
- The player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.
- If you are not going to use the player for a long time, be sure to disconnect the power supply (AC power adapter or car battery cord). To remove the AC power adaptor from the wall outlet, grasp the plug itself; never pull the cord.

On heat build-up

Heat may build up in the player if it is used for an extended period of time. This, however, is not an malfunction.

For driver's safety

Comply with your local traffic rules and regulations.

- While driving
 - The driver must not watch or operate the player. It may lead to distraction and cause an accident.
 - The driver must not use the headphones. It may lead to distraction and cause an accident.
Park the car in a safe place when the driver watch and operate the player or use the headphones.

- While operating
 - Do not insert your hands, fingers or foreign objects into the player. It may cause injury or damage to the player.
 - Take extra care not to wind the wire of the headphones around your neck avoiding injury or suffocation in the event of a sudden movement of the vehicle.
 - Keep small articles out of the reach of children.
- If the player does not work, check the connections first. If everything is in order, check the fuse.
- If your car was parked in direct sunlight, allow the player to cool off before operating it.
- Avoid installing the player in places:
 - subject to temperature below 0 °C (32 °F) or above 45 °C (113 °F)
 - subject to direct sunlight
 - near heat sources (such as heaters)
 - exposed to rain or moisture
 - exposed to excessive dust or dirt
 - subject to excessive vibration
 - subject to heat:

Keep the player away from nearby hot vehicle components that heat up over time such as hoses, high current wires, and braking systems components. Make sure to leave enough room for ventilation on openings and slots to protect from over heating.

If you have any questions or problems concerning the player, please consult your nearest Sony dealer.

Moisture condensation

On a rainy day or in a very damp area, moisture condensation may occur inside the lenses. Should this occur, the player will not operate properly. In such a case, remove the disc and wait for about an hour until the moisture has evaporated.






To maintain high sound quality

Be careful not to splash juice or other soft drinks onto the player or discs.

About this manual

Conventions

- Instructions in this manual describe how to use the player mainly by using the controls on the supplied wireless card remote commander.
- The icons below are used in this manual:

Icon	Meaning
	Functions available for DVD VIDEOS or DVD-Rs/DVD-RWs in video mode
	Functions available for Video CDs or CD-Rs/CD-RWs in video CD format
	Functions available for music CDs or CD-Rs/CD-RWs in music CD format
	Functions available for files in MP3 format stored on CD-ROMs/CD-Rs/CD-RWs
	Functions available for files in JPEG format stored on CD-ROMs/CD-Rs/CD-RWs

About discs this player can play

This player can play the following discs:

- DVD
- DVD-R
- DVD-RW
- Video CD
- Audio CD
- CD-R/CD-RW

Disc type	Label on the disc
-----------	-------------------



“DVD VIDEO,” “DVD-R” and “DVD-RW” are trademarks.

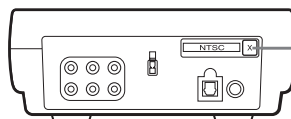
Notes on CD-Rs (recordable CDs)/ CD-RWs (rewritable CDs)

- Some CD-Rs/CD-RWs (depending on the equipment used for its recording or the condition of the disc) may not play on this player.
- You cannot play a CD-R/CD-RW that is not finalized*.
- You cannot play a CD-R/CD-RW that is recorded in Multi Session.
- You can play MP3/JPEG files recorded on CD-ROMs, CD-Rs, and CD-RWs.

* A process necessary for a recorded CD-R/CD-RW disc to be played on the audio CD player.

Region code of DVDs this player can play

This player has a region code printed on the rear of the player and will only play DVDs that are labeled with identical region codes. DVDs labeled will also be played on this player. If you try to play any other DVD, the message “REGION ERROR” will appear on the screen. Depending on the DVD, the region code indication may not appear even if the DVD is prohibited by area restrictions.



Region code

Cautions

- This player **CANNOT** play these discs.
 - DVD-Audio
 - DVD-RAM
 - DVD-ROM
 - CD-G
 - SVCD
 - CD-I
 - Photo-CD
 - VSD
 - Active-Audio (Data)
 - CD-Extra (Data)
 - Mixed CD (Data)
 - CD-ROM (the data other than the MP3/JPEG file)
 - DVD-RW recorded in VR mode
- This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Note on PBC (Playback Control)



This player conforms to Ver. 1.1 and Ver. 2.0 of Video CD standards. You can enjoy two kinds of playback according to the disc type.

Disc type	You can
Video CDs without PBC functions (Ver. 1.1 discs)	Video playback (moving pictures) as well as music.
Video CDs with PBC functions (Ver. 2.0 discs)	<ul style="list-style-type: none">• Interactive software with menu screens displayed on the monitor (PBC Playback, page 20).• Video playback functions.• High-resolution still pictures if they are included on the disc.

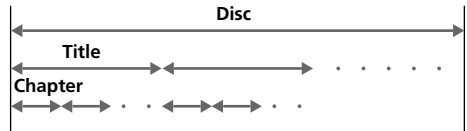
Note on DTS-encoded CDs

When playing DTS*-encoded CDs, excessive noise will be heard from the analog stereo outputs. To avoid possible damage to the audio system, the consumer should take proper precautions when the analog stereo outputs of this player is connected to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1-channel DTS Digital Surround™ decoder system must be connected to the digital output of this player.

* "DTS," "DTS Digital Surround" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

Terms for discs

DVD structure



Video CD/Audio CD structure



• Title

The longest section of a picture or music feature on a DVD, e.g., a movie for video software, or an album for audio software, etc.

• Chapter

Sections of a picture or a music feature that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want. Depending on the disc, chapters may not be recorded.

• Track

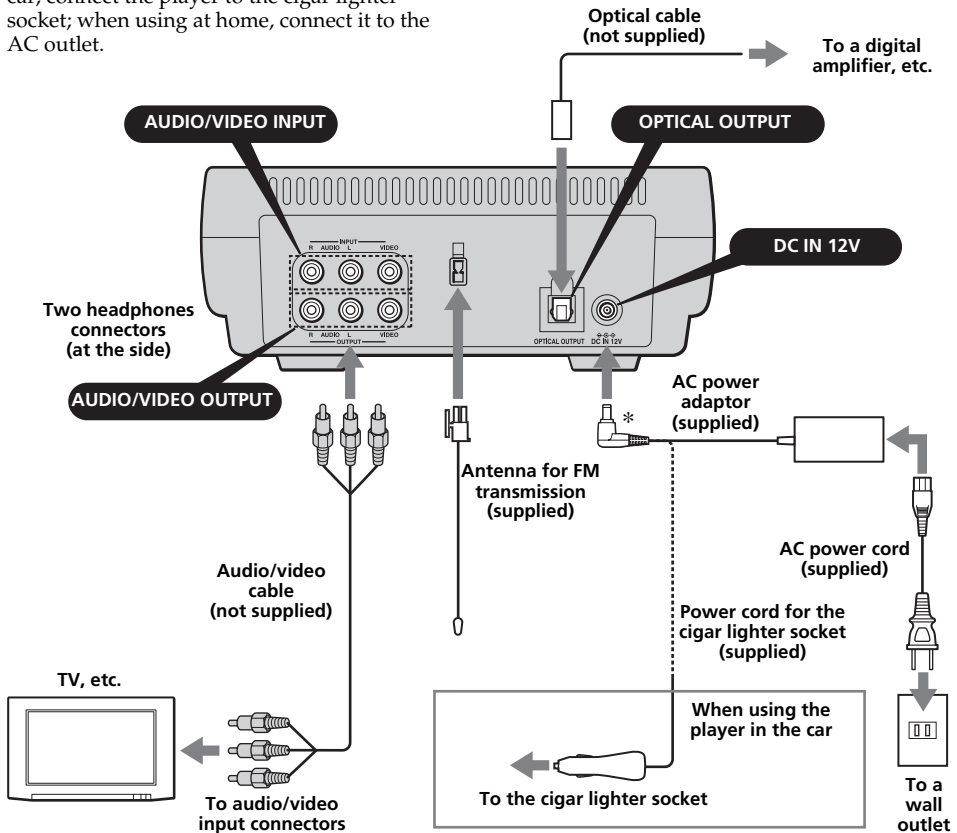
Sections of a picture or a music feature on a Video CD/Audio CD. Each track is assigned a track number enabling you to locate the track you want.

• Scene

On a Video CD with PBC (playback control) functions, the menu screens, moving pictures and still pictures are divided into sections called "scenes." Each scene is assigned a scene number enabling you to locate the scene you want.

Connection

This player is supplied with two types of power cable. When you use the player in the car, connect the player to the cigar lighter socket; when using at home, connect it to the AC outlet.



On AUDIO/VIDEO OUTPUT connectors

You can connect a TV to the AUDIO/VIDEO OUTPUT connectors to output the contents being played back on the player. Connect the yellow plugs of the audio/video cable to the video connectors on both the TV and the player and connect the white plugs and the red plugs to the white (left audio) connectors and red (right audio) connectors respectively.

On AUDIO/VIDEO INPUT connectors

You can connect a VTR, etc. to the AUDIO/VIDEO INPUT connectors to input the contents being played back on the device. You can connect the device in the same way as described on "On AUDIO/VIDEO OUTPUT connectors" above.

Notes

- When connecting the other device to the player, be sure to connect the player to the power source after all other connections are completed.
- If an obstacle such as cigar ash is caught inside the cigar lighter socket, the contact between the power cord plug and the socket becomes incomplete and the plug may get extremely hot during use. To avoid this, check the socket and clean it if necessary before connecting the power cord.

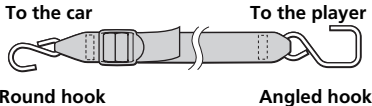
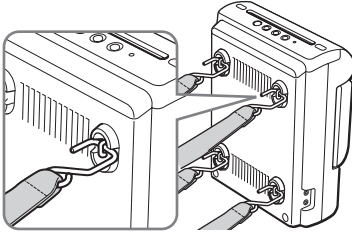
* Polarity of the plug



Installing the player in the car

The player can be installed in the car by using the supplied mounting straps.

- 1 Attach the angled hook on each of the supplied mounting straps to the four brackets at the bottom of the player.**



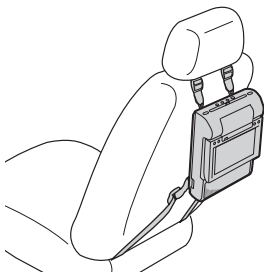
- 2 Attach the round hooks to the car.**

Be sure to hook the player to a steady object such as the headrest shafts of the seat or the seat rails.

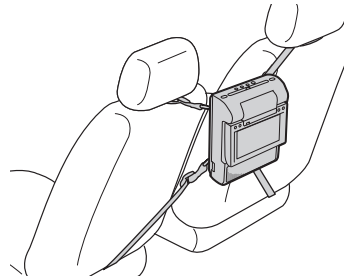
When you attach the player to the center console, secure the round hooks to the bottom edge of the console.

- 3 Take in the slack of the belts to secure the player.**

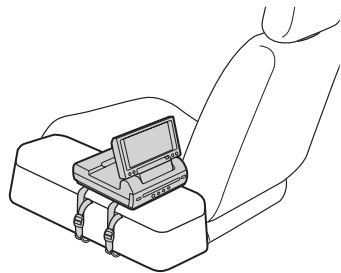
Example when the player is attached behind the seat



Example when the player is attached between the seats



Example when the player is attached to the center console

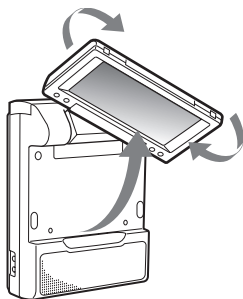


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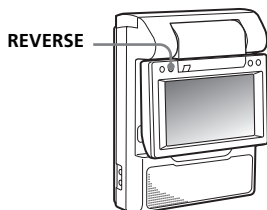
When the player is installed behind the seat or between the seats

The player is installed upside down. Do the procedure below to turn the picture on the screen upside down and switch the audio channels to use the player.

- 1 Open the monitor of the player, rotate it in 180 degrees, then close it with the screen facing upward.



- 2 Turn on the player, then press **REVERSE** on the monitor.



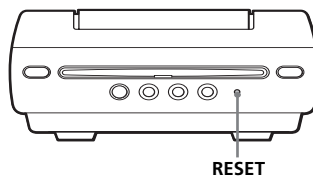
To cancel this, press **REVERSE** again.

When the player is attached to the center console

- When picture noise appears or the sound dropouts occur due to vibrations from the car, place a cushioning material under the player.
- If a gap exists between the top of the center console and the bottom of the player, fill the gap with a material with optimum thickness so that the player becomes stable.

Resetting the player

Before operating the player for the first time, you must reset the player. Press **RESET** with a pointed object, such as a ballpoint pen. Pushing it with force by using a needle may damage the player.

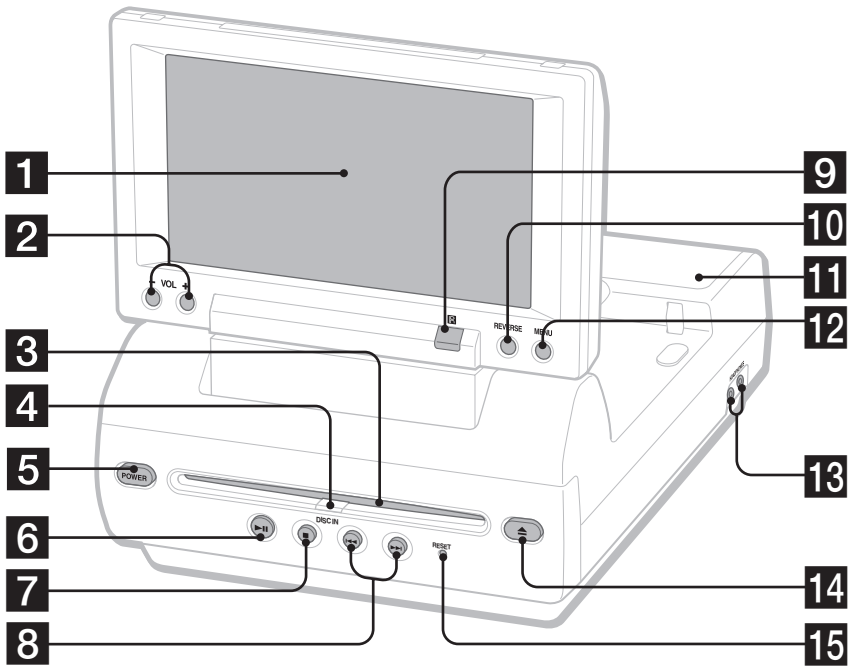


Notes

- When you press **RESET**, some of the previous settings may be lost. If this occurs, make the settings again.
- It takes about 10 seconds for the player to reset itself after pressing **RESET**. Do not insert a disc during this time. If you do, the player may not be reset properly.

Location of controls

MV-65ST



Refer to the pages listed for details.

- 1 Monitor**
- 2 VOL +/- buttons 13, 27**
To turn up or down the volume or to select the item during menu operation.
- 3 Disc slot**
- 4 DISC IN light**
When a disc is in the player, the DISC IN light glows orange.
- 5 POWER (on/off) button 13**
To turn on/off the player.
- 6 ►|| (play/pause) button 13, 14, 15, 20**
- 7 ■ (stop) button 14, 15**
- 8 ◀◀ (previous)/▶▶ (next) buttons 14, 20**
- 9 Receptor for the card remote commander**
- 10 Reverse button 10, 30**
To switch images upside down and reverse the output of the audio channels.

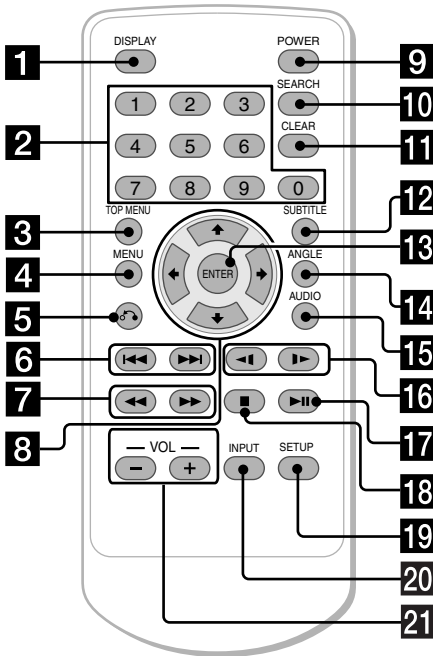
- 11 Speakers (left/right)**
- 12 MENU button 27**
To make various display settings and FM transmitter setting.
- 13 HEADPHONES jacks**
To connect the headphones. 2 sets of headphones can be connected.
- 14 ▲ (eject) button 14**
Available to eject a disc from the player even when the player is turned off.
- 15 RESET button 10**

Note

Even when the player is turned off by pressing (POWER), you can eject a disc from the player, though you cannot insert a disc.

continue to next page →

Card remote commander RM-X137



The corresponding buttons of the card remote commander control the same functions as those on the player.

Instructions in this manual describe how to use the player by mainly using the card remote commander.

Tip

Refer to "Replacing the lithium battery of the card remote commander" for details on how to replace the battery (page 31).

Refer to the pages listed for details.

- 1** **DISPLAY button 16**
To display the time information of the disc.
- 2** **Number buttons (0 to 9) 14, 20, 24**
- 3** **TOP MENU button 18**
To display the top menu of a recorded DVD.
- 4** **MENU button 18, 20**
To display the recorded DVD menu, or to turn on/off the PBC (Playback control) menu of a Video CD.
- 5** **↶ (return) button 20**
- 6** **⏮/⏭ (previous/next) buttons 14, 20**
- 7** **⏪ (fast reverse)/
⏩ (fast forward) buttons 14**
- 8** **⏮/⏭/⏪/⏩ buttons 14, 15, 18, 21**
- 9** **POWER (on/off) button 13**
To turn on/off the player.
- 10** **SEARCH button 14**
To specify a desired point on a disc by chapter, title, or track.
- 11** **CLEAR button**
- 12** **SUBTITLE button 17**
To change the subtitle language while playing a DVD.

- 13** **ENTER button 14, 21**
To enter a setting.
- 14** **ANGLE button 19**
To select the multiple angles of view while playing a DVD.
- 15** **AUDIO button 19**
To change the audio output/audio language.
- 16** **⏮ (slow reverse)/⏭ (slow forward) buttons 14**
- 17** **⏩ (play/pause) button 13, 14, 15, 20**
- 18** **■ (stop) button 14, 15**
- 19** **SETUP buttons 22**
Used to perform menu operations.
- 20** **INPUT button 26**
To select the input source.
- 21** **VOL (-/+) buttons 13, 27**
To turn up or down the volume.

Operation for playback

To	Do this
Stop playback	Press ■*1
Eject the disc	Press ▲ on the player.
Pause	Press ►►*2. Press again to resume playback.
Go to the next chapter, track, or scene	Press ►►►
Go back to the preceding chapter, track, or scene	Press ◀◀◀
Fast forward/ fast reverse	Press ►►►/◀◀◀ while playing*3*4 Each press changes the playback speed as follows: 2 times normal speed → 4 times normal speed → 8 times normal speed → 16 times normal speed → 32 times normal speed → normal playback speed.
Slow forward (DVD/Video CD only)/ Slow reverse (DVD only)	Press ►/◀ while playing*4 Each press changes the playback speed as follows: 1/2 times normal speed → 1/4 times normal speed → 1/8 times normal speed → 1/16 times normal speed → 1/32 times normal speed → normal playback speed.

*1 If the resume playback function is activated, you can resume playback later by pressing ►►. For details, see "Resume playback" (page 15).

*2 DVD/Video CD/Audio CD/MP3/JPEG
"||" is displayed on the screen.

*3 DVD/Video CD/Audio CD/MP3/JPEG
No sound is output during fast forward or fast reverse.

*4 A disc other than a DVD returns to normal playback when a track/MP3 file finishes.

Searching a chapter/title/track directly

1 During playback or pause, press (SEARCH) to display search screen.

•DVD*1

Each time you press (SEARCH), the search screen changes as follows: "TIME SEARCH," "SELECT TITLE," and "OFF." When you press ◀ or ► button while "SELECT TITLE" is displayed in the screen, the screen toggles between "SELECT CHAPTER" and "SELECT TITLE."

•Video CD (only when PBC is off)/Audio CD*2

Each time you press (SEARCH), the search screen toggles between "TIME SEARCH" and "SELECT TRACK."

2 Press the number buttons to enter the desired chapter/title/track number.

When "TIME SEARCH" is displayed



When "SELECT TITLE," "SELECT CHAPTER," or "SELECT TRACK" is displayed



3 Press (ENTER).

*1 Search is possible even while the player is stopped.

*2 You can use the number buttons on the card remote commander to select the track.

Note

You cannot set "0."

Resume playback

You can resume playback from the point where the playback has been stopped. The player memorizes the point even after the power is turned off.

1 During playback, press ■ to stop.

The player memorizes the point where playback is stopped.

- DVD/Video CD/Audio CD
“PRESS PLAY KEY TO LASTPLAY” appears on the screen.

2 Press ► to start playback.

“LASTPLAY” appears on the screen and playback starts from the point where playback has been stopped.

- MP3/JPEG
When resume playback is activated, playback starts from the beginning of the MP3/JPEG file (track) during which you have stopped playback.

Notes

- To deactivate the resume function, press ■ again while playback is stopped. “PRESS PLAY KEY TO PLAY” appears on the screen at this time.
- The resume function will be deactivated when the disc is ejected.
- The resume function will also be deactivated when the ignition key is turned to OFF position or when the player is disconnected from the power source.

Using MP3/JPG menu

When you insert a disc containing MP3 or JPEG files, playback automatically starts and the MP3/JPG menu appears on the screen.



To make settings on the MP3/JPG menu, press ■ to stop the player.

To select a folder or a file

While the player is stopped, use ↑/↓ buttons to select the folder or a file, then press (ENTER).

When you press (ENTER) after selecting a folder, files inside the folder appear.

To select the display mode

While the player is stopped, use →/← buttons to select “DISPLAY,” then press (ENTER) repeatedly to select the display mode.

Each time you press (ENTER), display mode changes as follows: MP3 ONLY (only MP3 files are displayed) → JPG ONLY (only JPEG files are displayed) → MP3 AND JPG (MP3 files and JPEG files are grouped and displayed).

To select the playback mode

While the player is stopped, use →/←/↓ buttons to select “PLAYMODE,” then press (ENTER) repeatedly to select the playback mode.

Each time you press (ENTER), playback mode changes as follows: REPEAT DISC (repeats all the tracks on the disc) → NORMAL (normal playback) → REPEAT DIR (repeats all the tracks within the directory) → REPEAT ONE (repeats one track) → RANDOM (plays tracks at random; the same track may be played more than once) → SHUFFLE (plays tracks at random; tracks are played only once).

continue to next page →

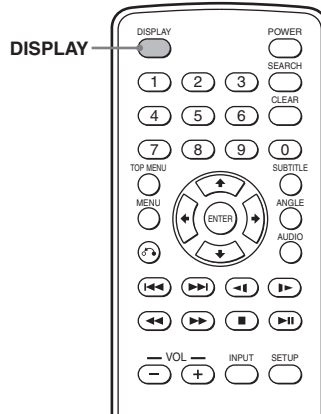
Notes

- While playing back, you cannot change a folder or file with the MP3/JPG menu. Only the files in the selected folder can be selected with the ◀◀/▶▶ button. To change the folder, stop playback.
- Names for the MP3 folders and files are displayed properly when they consist of alphabets, numbers, or symbols only. Folders and files containing other characters are displayed as "DIR-001" or "FILEOPEN-001."

Displaying elapsed time

DVD VCD CD MP3 JPEG

You can display the elapsed time and the remaining time of DVDs, Video CDs and Audio CDs.



During playback, press **DISPLAY**.

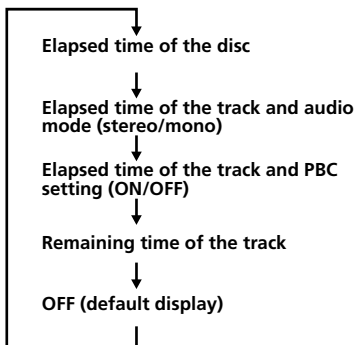
The elapsed time or the remaining time is displayed at the upper left.

Each time you press **DISPLAY**, the display changes as follows:

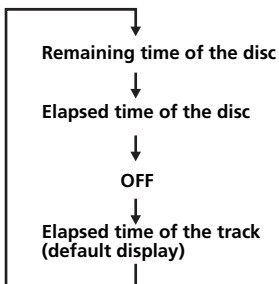
- DVD



• Video CD



• Audio CD

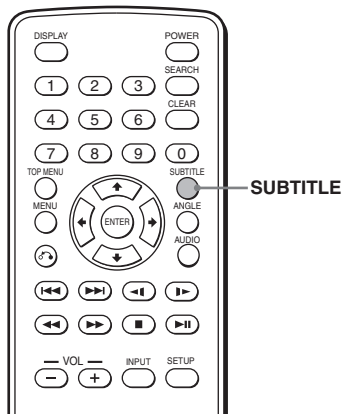


To turn off the time information

Press **DISPLAY** repeatedly to select "OFF."

Changing the subtitle language

Some DVDs have recorded subtitles in one or more languages. You can turn the subtitles on or off, or change the subtitle language on such DVDs.



Press **SUBTITLE** during playback.

The subtitle language is displayed at the upper left.

Example: a subtitle language display



The disc contains 2 subtitle languages and the first language is currently selected.

Each time you press **SUBTITLE**, the language switches within the list of subtitle languages recorded on the disc.

To turn off the subtitle

Press **SUBTITLE** repeatedly to select "OFF."

Notes

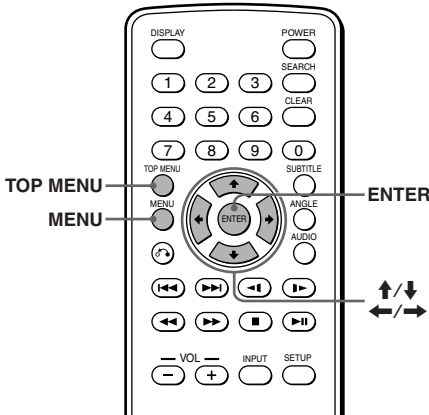
- You can also change the subtitle languages by changing Setup*. See "Displaying the subtitles for DVD — SUBTITLE" (page 23).

* You can change to a specific subtitle language using the DVD SETUP menu, only if the language is included in both the disc and the menu. In some discs, the initial language to be displayed is specified regardless of the DVD SETUP menu setting.

- This function varies or may not work, depending on the DVD.

Using a DVD menu

With some DVDs you can use the original menu such as Title menu and DVD menu. In title menu, you can play your favorite scene or song by selecting titles of songs and scenes. You can select an item, subtitle language, audio language etc. by selecting a DVD menu. The contents of title menus and DVD menus differ, depending on the DVD. There may be some DVDs which have no recorded menus.



Using the MENU button

Some DVDs have more comprehensive menu that includes such things as the audio languages, subtitle languages, titles, and chapters, etc.

- 1 During a DVD playback, press **(MENU)**.**
The DVD menu is displayed.
- 2 Press **↑/→/↓/←** to select the desired item.**
- 3 Press **(ENTER)**.**
If additional selection screens appear, repeat step 2 and 3.

Notes

- Some DVDs do not have a DVD menu and on some DVDs, the contents of the DVD menu and title menu are the same.
- On some DVDs, "DVD Menu" may be expressed as "MENU."
- On some DVDs, "Press ENTER" may be expressed as "Press SELECT" in step 3.
- The contents of the DVD menu differ, depending on the DVD.
- Read the instruction manual supplied with a DVD.

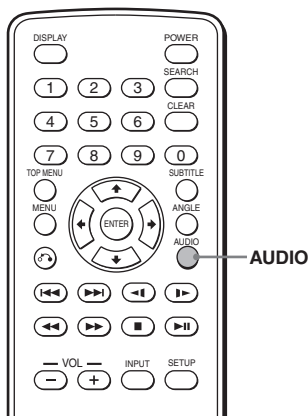
Using the TOP MENU button

Some DVDs have a title menu. From the title menu you can select a title for playback. Titles are the longest sections of a picture or music feature on a DVD, e.g., a movie, or an album for audio software, etc. The TOP MENU button is available to display the initial menu screen.

- 1 During DVD playback, press **(TOP MENU)**.**
The title menu* (top menu) is displayed.
** The contents of the title menu differ, depending on the DVD.*
- 2 Press **↑/→/↓/←** to select the desired title.**
- 3 Press **(ENTER)**.**
The title you selected starts to play.

Changing the audio language

Some DVDs have multiple audio languages you can choose from.



During playback, press **AUDIO** repeatedly to select the desired audio language.

The current audio language is displayed at the upper left.

Example: an audio language display



The format of the sound source (Dolby D, DTS, or LPCM) may appear.

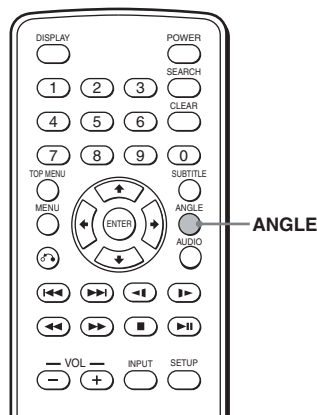
When the display for the language code appears, input the language code corresponding to the desired language (page 37).

Notes

- You can switch the audio language only if multiple audio languages are recorded on the DVD.
- You can also change the audio languages by using the DVD menu (page 18) or the DVD SETUP menu* (page 22).
* You can change to a specific audio language using the DVD SETUP menu, only if the language is included in both the disc and the menu. In some discs, the initial language to be output is specified regardless of the DVD SETUP menu setting.
- This function varies or may not work, depending on the DVD.

Changing angles

Some DVDs have multiple alternative angles recorded for certain scenes. If you have set "ANGLE MARK" to "ON" (page 23), a notice appears at the scene.



1 During playback of a DVD having multiple alternative angles recorded, press **ANGLE** when a notice appears. The number of the currently selected angle is displayed at the upper right.

2 Press **ANGLE** repeatedly to select your favorite angle number, while the angle number is displayed. Each time you press **ANGLE**, the angle number switches.



The angle number you have currently selected/ the total number of multiple alternative angles

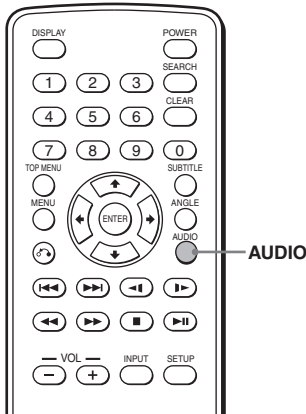
Notes

- You can switch the angle only if multiple angles are recorded on the DVD.
- The total number of recorded angles differs depending on the DVD and scene.
- You can switch the angle only during normal playback. You cannot switch the angle during fast forward/reverse playback.
- When the selected scene with multi angles appears, the angle is automatically switched to the angle number you selected in step 2.
- This function varies or may not work, depending on the DVD.

Changing the audio output



You can select the desired audio output from "STEREO" or "L-MONO/R-MONO" during Video CD or Audio CD playback.



- 1 During playback, press **AUDIO**.
The current output is displayed at the upper left.

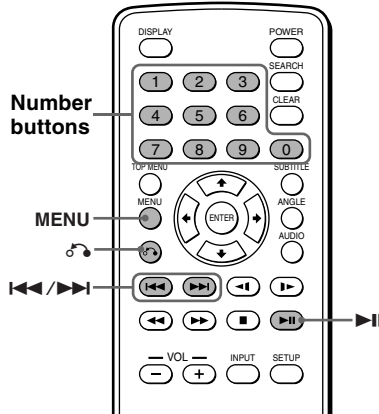
Example: an audio output display

L-MONO

- 2 Press **AUDIO** to select the desired output from "STEREO" or "L-MONO/R-MONO" while the output is displayed.
Each time you press **AUDIO**, the output switches.

Using the PBC (playback control) function

During playback of a PBC compatible Video CD, you can display the PBC menu and select the item from the menu.



- 1 Insert a Video CD, then press **MENU** repeatedly to select "PBC ON."
Depending on the Video CD, the PBC menu may be displayed automatically after inserting a Video CD.
Each time you press **MENU**, the PBC menu function turns on or off.
- 2 Press **▶▶**.
The PBC menu is displayed.
- 3 While the PBC menu screen is displayed;
— press the number buttons to select the number of the desired item.
— press **◀◀/▶▶** to go to the previous/next page.
Button functions vary or may not work, depending on the Video CD.

Notes

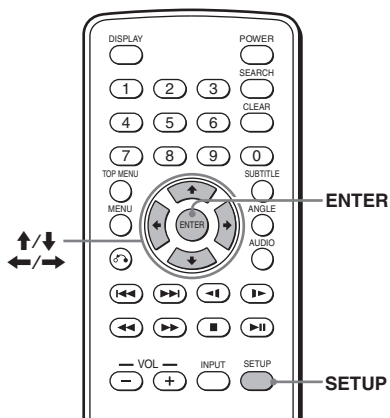
- To display the PBC menu during playback of a Video CD, press **MENU** repeatedly to select "PBC ON," then press **▶▶**.
- During playback of a Video CD with "PBC ON," press **◀◀/▶▶** to change the item. The PBC menu is not displayed but the item you selected starts to play.
- During playback of a Video CD with "PBC ON," press **⏸** to display the PBC menu and the **▶** mark.
- The PBC menus differ, depending on the Video CD. Read the instruction manual supplied with the Video CD.

Changing Setup

You can set up and adjust this player using the on-screen setup menus. Most settings need to be set when you first use this player.

Setup menus are:

- SYSTEM menu (system settings)
- DVD SETUP menu (settings for DVD playback)
- SPEAKER menu (setting for downmix mode)
- AUDIO menu (settings for digital audio output)
- VIDEO menu (settings for video output)



Refer to “Settings by using the MENU button on the monitor” (page 27) for settings of the monitor.

System settings — SYSTEM menu

Selecting the language on the menus — OSD LANGUAGE

You can select the language used for the menus from the English and Japanese.

1 Press **SETUP**.



2 Press **↑** or **↓** button repeatedly to select “OSD LANGUAGE.”

3 Press **←** or **→** button repeatedly to select the language, then press **ENTER**.

4 Press **SETUP** to exit the SYSTEM menu.

Setting the screen saver — SCREEN SAVER

If you set the “SCREEN SAVER” setting to “ON,” the screen saver image appears when you leave the player in pause or stop mode for more than 15 minutes. The screen saver will help prevent the monitor from becoming damaged.

- 1 Press **(SETUP)**.
- 2 Press **↑** or **↓** button repeatedly to select “SCREEN SAVER.”
- 3 Press **←** or **→** button repeatedly to select “ON,” then press **(ENTER)**.
When 5 seconds elapse with no button pressed, the player exits the SYSTEM menu and normal display resumes.
- 4 Press **(SETUP)** to exit the SYSTEM menu.

To turn off the screen saver setting

Select “OFF” in step 3.

Returning this player to the factory setting — LOAD SETUP DEF

You can return this player to the factory setting except your password (page 24) and parental setting (page 23). Follow the steps below. Note that this operation is possible only when the player is stopped.

- 1 Press **(SETUP)**.
- 2 Press **↑** or **↓** button repeatedly to select “LOAD SETUP DEF,” then press **(ENTER)**.
- 3 Press **(SETUP)** to exit the SYSTEM menu.

Settings for DVD playback

— DVD SETUP menu 

Selecting the audio language for DVD — AUDIO

Some DVDs have multiple audio languages you can select from.

- 1 Press **(SETUP)**, then press **←** or **→** button repeatedly until “DVD SETUP” menu appears on the screen.



- 2 Press **↑** or **↓** button repeatedly to select “AUDIO.”
- 3 Press **←** or **→** button repeatedly to select the language, then press **(ENTER)**.
When you have selected “OTHER,” press **↑** or **↓** button repeatedly to select “AUDIO CODE,” then enter the language code (page 37).
- 4 Press **(SETUP)** to exit the DVD SETUP menu.

Notes

- Regardless of setting to the desired language, other language may be automatically activated, depending on the DVD.
- Some DVDs are prohibited to change the audio language output, even if multiple languages are recorded.

Displaying the subtitles for DVD — SUBTITLE

If subtitles are recorded on the discs, you can change the subtitles or turn the subtitles on and off.

- 1 Press **(SETUP)**, then press **←** or **→** button repeatedly until "DVD SETUP" menu appears on the screen.
- 2 Press **↑** or **↓** button repeatedly to select "SUBTITLE."
- 3 Press **←** or **→** button repeatedly to select the language, then press **(ENTER)**. When you have selected "OTHER," press **↑** or **↓** button repeatedly to select "SUBTITLE CODE," then enter the language code (page 37).
- 4 Press **(SETUP)** to exit the DVD SETUP menu.

Note

Regardless of setting to the desired language, other language may be automatically activated, depending on the DVD.

Setting the aspect ratio for the TV screen — TV SCREEN

When you connect the player to a TV to watch the DVD on TV screen, make this setting according to the type of the TV screen.

- 1 Press **(SETUP)**, then press **←** or **→** button repeatedly until "DVD SETUP" menu appears on the screen.
- 2 Press **↑** or **↓** button repeatedly to select "TV SCREEN."
- 3 Press **←** or **→** button repeatedly to select "4:3 PS," "4:3 LB," or "16:9," then press **(ENTER)**.
- 4 Press **(SETUP)** to exit the DVD SETUP menu.

Displaying the multi-angle notice — ANGLE MARK

If various angles (multi-angles) for a scene are recorded on the DVD and you have set the "ANGLE MARK" to "ON," a notice appears at the scene.

- 1 Press **(SETUP)**, then press **←** or **→** button repeatedly until "DVD SETUP" menu appears on the screen.
- 2 Press **↑** or **↓** button repeatedly to select "ANGLE MARK."
- 3 Press **←** or **→** button repeatedly to select "ON," then press **(ENTER)**.
- 4 Press **(SETUP)** to exit the DVD SETUP menu.

To turn off the angle mark

Select "OFF" in step 3.

Preparing for the initial parental setting — PARENTAL CONTROL

Playback of some DVDs can be limited according to a predetermined level, such as the age of the viewer. The Parental control function allows you to set a playback limitation level.

This setting is possible only when a password is entered as described in "Setting the password" (page 24).

- 1 Press **(SETUP)**, then press **←** or **→** button repeatedly until "DVD SETUP" menu appears on the screen.
- 2 Press **↑** or **↓** button repeatedly to select "PARENTAL CONTR."
- 3 Press **←** or **→** button repeatedly to select the limitation level, then press **(ENTER)**.
- 4 Press **(SETUP)** to exit the DVD SETUP menu.

continue to next page →

Refer to the following table. Parental levels of the table are on the MPAA (Motion Picture Association of America) rating system. If you set this player to level "4" for example, DVDs with levels "5," "6," "7," and "8" cannot be played.

This Player	MPAA Rating System
"8"	No restriction
"7"	"NC-17": No one 17 and under admitted
"6"	"R": Restricted
"5"	"_":
"4"	"PG-13": Parents strongly cautioned
"3"	"PG": Parental guidance suggested
"2"	"_":
"1"	"G": General audience

Setting the password — PASS WORD

When you set the password for the first time, be sure to set the parental control together.

- 1 Press **SETUP**, then press **←** or **→** button repeatedly until "DVD SETUP" menu appears on the screen.
- 2 Press **↑** or **↓** button repeatedly to select "PASS WORD."
- 3 Use the number buttons to enter "5370." "NEW PASSWORD" appears and the player is ready to accept the new password.
- 4 Use the number buttons to enter a new password.
- 5 Press **SETUP** to exit the DVD SETUP menu.

Note

If you forget your registered password, enter "5370."

Selecting the speaker mode — SPEAKER menu

Selecting the downmix mode — DOWNMIX

You can select the downmix mode from "STEREO" or "LT/RT." The downmix function is used to create stereo (2-channel) signals from more than 5 separated digital signals of a source.

STEREO: Select this when the connected audio equipment does not support Dolby Surround (Pro Logic).

LT/RT: Select this when the connected audio equipment supports Dolby Surround (Pro Logic).

- 1 Press **(SETUP)**, then press **←** or **→** button repeatedly until "SPEAKER" menu appears on the screen.



- 2 Press **↑** or **↓** button repeatedly to select "DOWNMIX."
- 3 Press **←** or **→** button repeatedly to select "STEREO" or "LT/RT," then press **(ENTER)**.
- 4 Press **(SETUP)** to exit the SPEAKER menu.

Selecting the digital audio output mode — AUDIO menu

You can set the mode of the audio signals output from the OPTICAL OUTPUT connector. "BITSTREAM" or "LPCM 48K" can be selected.

- 1 Press **(SETUP)**, then press **←** or **→** button repeatedly until "AUDIO" menu appears on the screen.



- 2 Press **↑** or **↓** button repeatedly to select "DIGITAL OUTPUT."
- 3 Press **←** or **→** button repeatedly to select "BITSTREAM," "LPCM 48K," or "OFF," then press **(ENTER)**.
- 4 Press **(SETUP)** to exit the AUDIO menu.

Notes

- When "OFF" is selected, no signal is output from the OPTICAL OUTPUT connector.
- When you connect the player and a digital recording device such as an MD player through an optical cable to record the CD contents with that device, the contents will be recorded as one continuous track.

Selecting the color system for the output video signal — VIDEO menu

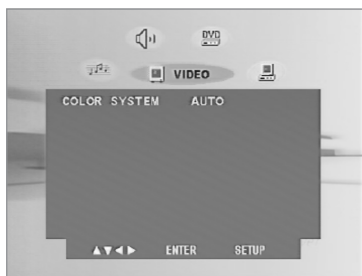
When you connect the player to a TV to watch the DVD on TV screen, make this setting according to the color system of your country. Note that this setting does not affect the screen of the player.

AUTO: Changes the color system for the video signal output from the player automatically according to the color system recorded on the DVD.

NTSC: Always outputs the NTSC signal.

PAL: Always outputs the PAL signal.

- 1 Press **(SETUP)**, then press **←** or **→** button repeatedly until **"VIDEO"** menu appears on the screen.



- 2 Press **↑** or **↓** repeatedly to select **"COLOR SYSTEM."**
- 3 Press **←** or **→** button repeatedly to select **"AUTO," "NTSC,"** or **"PAL,"** then press **(ENTER)**.
- 4 Press **(SETUP)** to exit the VIDEO menu.

Monitoring video signals input from the connected device

Switch the input channel to monitor video signals input from the device connected to the VIDEO INPUT connector of the player.

- 1 Press **(POWER)** to turn on the player. The current input channel (DVD) appears on the screen for 5 seconds.
- 2 Press **(INPUT)** repeatedly to select **"VIDEO."** Each time you press the button, **"DVD"** and **"VIDEO"** alternate.

Be sure to change the input channel setting to **"DVD"** to play the DVD with this player.

Selecting the color system for the input video signal

The player detects the color system of the input video signal (NTSC or PAL) and changes the setting automatically (auto mode). Do the steps below to change the color system setting for the input video signal manually.

- 1 Press **(POWER)** to turn on the player.
The current input channel (DVD) appears on the screen for 5 seconds.

- 2 Press **(VOL) +/-** on the monitor repeatedly to select "NTSC" or "PAL."

Note

When changed manually, color system setting for the input video signal does not return to auto mode until the player is turned off or input channel setting is changed. Therefore, when it is set to "PAL," the DVD recorded in NTSC system cannot be viewed on the monitor of the player unless you turn off the player, then turn it on again.

Settings by using the MENU button on the monitor

You can make settings for the monitor and frequency for the FM transmitter by using **(MENU)** on the monitor.

Each time you press **(MENU)**, the setting screen changes in the following sequence: Picture → Brightness → Color → Hue*¹ → Dimmer → Video Adjust → Screen Mode → FM Transmitter → Blue Back → Menu Off.

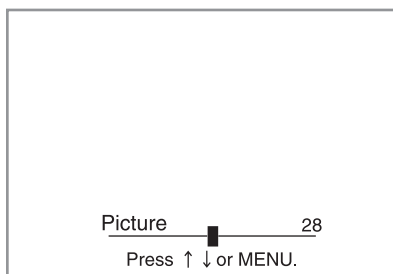
*¹ "Hue" appears only when the NTSC color system is selected as the input source (page 27).

Note

While making the following settings, the VOL +/- buttons on the card remote commander can be used to adjust the volume.

Adjusting the contrast

- 1 Press **(MENU)** on the monitor.
The "Picture" screen appears.



- 2 Press **(VOL) +/-** on the monitor repeatedly to adjust the contrast.
The settable range is 0 to 63, and the default setting is 32.

When 5 seconds elapse with no button pressed, normal display resumes.

Adjusting the brightness

- 1 Press **(MENU)** on the monitor repeatedly until the "Brightness" appears.
- 2 Press **(VOL) +/-** on the monitor repeatedly to adjust the brightness. The settable range is 0 to 63, and the default setting is 30.

When 5 seconds elapse with no button pressed, normal display resumes.

Adjusting the color

- 1 Press **(MENU)** on the monitor repeatedly until the "Color" appears.
- 2 Press **(VOL) +/-** on the monitor repeatedly to adjust the color. The settable range is 0 to 63, and the default setting is 32.

When 5 seconds elapse with no button pressed, normal display resumes.

Adjusting the hue (NTSC only)

- 1 Press **(MENU)** on the monitor repeatedly until the "Hue" appears.
- 2 Press **(VOL) +/-** on the monitor repeatedly to adjust the color. The default setting is "CTR" (center).

When 5 seconds elapse with no button pressed, normal display resumes.

Adjusting the dimmer

- 1 Press **(MENU)** on the monitor repeatedly until the "Dimmer" appears.
- 2 Press **(VOL) +/-** on the monitor repeatedly to select "On" or "Off." The default setting is "Off."

When 5 seconds elapse with no button pressed, normal display resumes.

Resetting the adjustments

You can reset the picture, brightness, color, hue, dimmer settings at single operation.

- 1 Press **(MENU)** on the monitor repeatedly until the "Video Adjust" appears.
- 2 Press **(VOL) +/-** on the monitor to reset the settings.

When 5 seconds elapse with no button pressed, normal display resumes.

Note

Input channel, color system for the input video signal (NTSC/PAL), screen mode, and blue background setting are not reset when you do the steps above.

Setting the screen mode

The screen mode can be selected from the four settings below:

- Normal:** An image with an aspect ratio of 4 to 3 (regular image).
- Full:** An image with an aspect ratio of 4 to 3 enlarged to the left and right edges of the screen.
- Zoom:** An image with an aspect ratio of 4 to 3 enlarged to the left and right edges of the screen, with the overflowing parts (top and bottom) cut off to fill the screen.
- Wide:** An image with an aspect ratio of 16 to 9.

- 1 Press **(MENU)** on the monitor repeatedly until the "Screen Mode" appears.
- 2 Press **(VOL) +/-** on the monitor repeatedly to select the screen mode. The default setting is "Full."

When 5 seconds elapse with no button pressed, normal display resumes.

Setting the FM transmitter

When using the player in the car, you can transmit the audio signals to the FM radio and output the signals from the car stereo. Do the procedure below to turn on or off the FM transmitter and select the frequency.

- 1 Press **(MENU)** on the monitor repeatedly until the "FM Transmitter" appears.
- 2 Press **(VOL) +/-** on the monitor to select "On" or "Off."
The default setting is "On."
- 3 To select the frequency, press **(REVERSE)** on the monitor.
"Frequency" screen appears.
- 4 Press **(VOL) +/-** on the monitor to select the frequency.
The settable range is 88.3 MHz to 89.9 MHz, in 0.2-MHz steps.
- 5 Press **(REVERSE)** on the monitor to return to "FM Transmitter" screen.

When 5 seconds elapse with no button pressed, normal display resumes.

Notes

- If headphones are connected to the player, FM transmitter function does not work even when "On" is selected.
- Depending on the location in which this player is attached, FM signals may not reach the car radio and audio output from the car stereo may become interrupted. If this happens, adjust the position of the FM transmission antenna or move the reception antenna of the car radio closer to the player.
- If noise is heard due to the interference with the local FM broadcast, change the FM transmission frequency.
- When the FM transmitter is turned off, you cannot change the frequency setting.

Setting the blue background screen

When this item is set to "On," the blue background screen appears when no video signal is received.

- 1 Press **(MENU)** on the monitor repeatedly until the "Blue Back" appears.
- 2 Press **(VOL) +/-** on the monitor to select "On" or "Off."
The default setting is "Off."

When 5 seconds elapse with no button pressed, normal display resumes.

Exiting the menu operation

- 1 Press **(MENU)** on the monitor repeatedly until the "Menu Off" appears.
- 2 Press **(MENU)** on the monitor again.
The normal screen resumes.

When 5 seconds elapse with no button pressed, normal display resumes.

Turning the image upside down

To use the player in upright position, do the following steps to turn the images on the monitor upside down and switch the audio channels.

Press **(REVERSE)** on the monitor. "Reverse On" appears for 5 seconds and the image on the monitor turns upside down.

To resume the normal images, press **(REVERSE)** on the monitor again. "Reverse Off" appears for 5 seconds.

Setting the reference volume

You can set the reference volume level for adjusting the volume by using **(VOL)** +/- on both the monitor and the card remote commander.

Press **(POWER)** and press **(VOL)** +/- on the monitor while no menu screen appears.

The settable range is 0 to 47, and the default setting is 10.

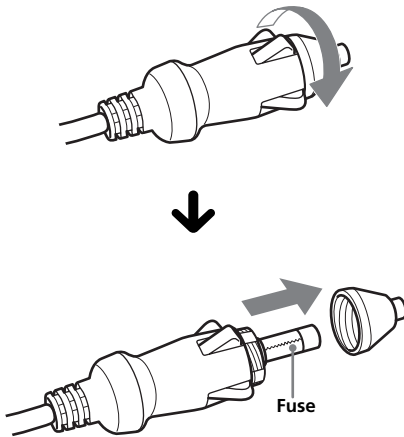
When you keep pressing down the button, the value changes continuously.

Additional information

Maintenance

Fuse replacement

When replacing the fuse of the power cord for the cigar lighter socket, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.

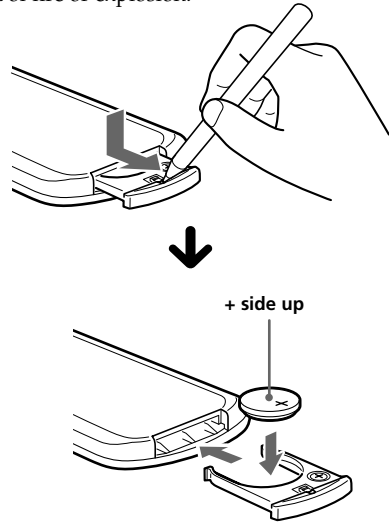


Warning

Never use a fuse with an amperage rating exceeding the one supplied with the player as this could damage the player.

Replacing the lithium battery of the card remote commander

When the battery becomes weak, the range of the card remote commander becomes shorter. Replace the battery with a new CR2025 lithium battery. Use of any other battery may present a risk of fire or explosion.



Notes on lithium battery

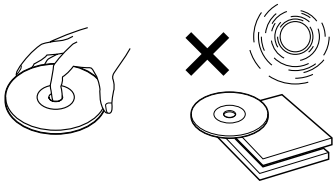
- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

WARNING

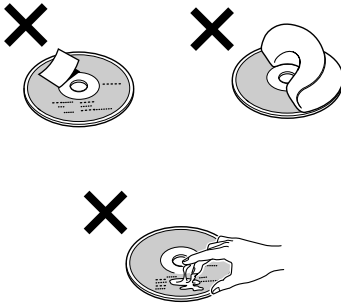
Battery may explode if mistreated. Do not recharge, disassemble, or dispose of in fire.

Notes on discs

- To keep the disc clean, do not touch the surface. Handle the disc by its edge.
- Keep your discs in their cases or disc magazines when not in use. Do not subject the discs to heat/high temperature. Avoid leaving them in parked cars or on dashboards/rear trays.

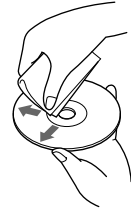


- Do not attach labels, or use discs with sticky ink/residue. Such discs may stop spinning when used, causing a malfunction, or may ruin the disc.



- Do not use any discs with labels or stickers attached.
The following malfunctions may result from using such discs:
 - Inability to eject a disc (due to a label or sticker peeling off and jamming the eject mechanism).
 - Inability to read audio data correctly (e.g., playback skipping, or no playback) due to heat shrinking of a sticker or label causing a disc to warp.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this player. Attempting to do so may damage the player. Do not use such discs.

- Before playing, clean the discs with a commercially available cleaning cloth. Wipe each disc from the center out. Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog discs.



Music discs encoded with copyright protection

This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

About MP3 files

MP3 (MPEG 1 Audio Layer-3) is a standard technology and format for compressing a sound sequence. The file is compressed to about 1/10 of its original size. Sounds outside the range of human hearing are compressed while the sounds we can hear are not compressed.

Recommended MP3 file format

Sampling frequency (Hz)	32k, 44.1k, 48k
Bitrate (bps)	128k

Notes on discs

You can play MP3 files recorded on CD-ROMs, CD-Rs, and CD-RWs.

The disc must be in the ISO 9660* level 1 or level 2 format, or Joliet in the expansion format.

* ISO 9660 Format

The most common international standard for the logical format of files and folders on a CD-ROM.

There are several specification levels. In Level 1, file names must be in the 8.3 format (no more than 8 characters in the name, no more than 3 characters in the extension “.MP3”) and in capital letters. Folder names can be no longer than 8 characters. There can be no more than 8 nested folder levels. Level 2 specifications allow file names up to 31 characters long.

Each folder can have up to 8 trees.

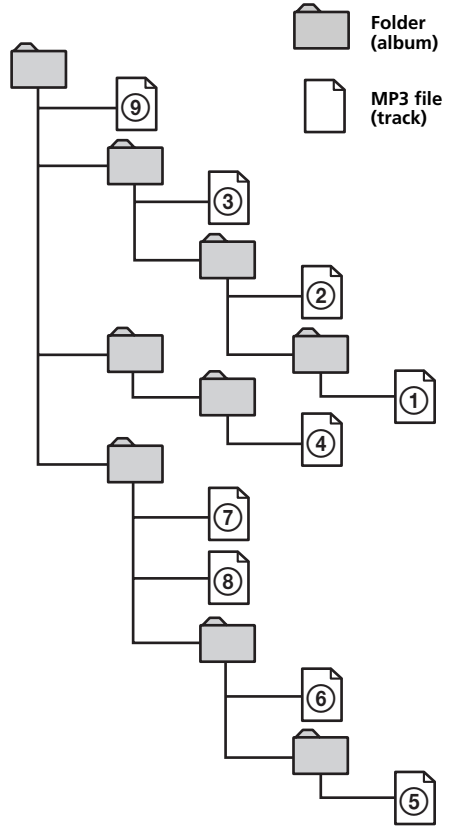
For Joliet in the expansion format, make sure of the contents of the writing software, etc.

Notes

- With formats other than ISO 9660 level 1 and level 2, folder names or file names may not be displayed correctly.
- When naming, be sure to add the file extension “.MP3” to the file name.
- If you put the extension “.MP3” to a file other than MP3, the player cannot recognize the file properly and will generate random noise that could damage your speakers.
- The following discs take a longer time to start playback.
 - a disc recorded with complicated tree structure.
 - a disc to which data can be added.
- A high-bit rate MP3 file such as 320 kbps may not play back properly.

The playback order of the MP3 files

The playback order of the folders and files is as follows:



Tree 1 (root) Tree 2 Tree 3 Tree 4 Tree 5

Tip

To specify a desired playback order, before the folder or file name, input the order by number (e.g., “01,” “02”), then record contents onto a disc (The order differs depending on the writing software).

Specifications

System

Laser	Semiconductor laser
Signal format system	NTSC/PAL

Audio characteristics

Frequency response	20 Hz to 20 kHz
Signal to noise ratio	90dB (A)
Harmonic distortion	0.03 %
Dynamic range	90dB
Wow and flutter	below measurable limits (±0.001% W PEAK)

General

Outputs	Audio output Video output Optical output Headphones output
Inputs	Audio input Video input DC 12V input
Power requirements	12 V DC
Dimensions	Approx. 188 × 99 × 241 mm (7 ¹ / ₂ × 4 × 9 ¹ / ₂ in) (w/h/d)
Mass	Approx. 2.3 kg (5 lb 1 oz)
Operating temperature	0 °C to 45 °C (32 °F to 113 °F)
Supplied accessories	Mounting straps (4) AC power adaptor (1) (including AC power cord (1)) Power cord for the cigar lighter socket (1) Antenna for FM transmission (1) Card remote commander RM-X137 (including lithium battery (1)) Carrying bag (1) Operating Instructions (1)

Monitor

System	Liquid crystal color display
Display	Manual flipdown panel
Drive system	TFT-LCD active matrix system
Picture size	6.5 inches wide screen (16:9)
Picture segment	280,800 (w 1200 × h 234) dots

Design and specifications are subject to change without notice.

Troubleshooting

The following checklist will help you remedy problems you may encounter with the player. Before going through the checklist below, check the connection and operating procedures.

General

This player does not turn on.

- Check that the AC power adaptor or the power cord for the cigar lighter socket is connected correctly.
- If the power cord for the cigar lighter socket is used, check the fuse.
 - If the fuse is blown, replace it with a correctly rated fuse.
 - If the fuse blows again, consult your nearest Sony dealer.
- The player may be overheated.
 - Make sure that the player is turned off. Wait until the player cools off, then press **(POWER)** again.

Disc playback

A disc cannot be loaded.

- Another disc is already loaded.
- The disc is forcibly inserted upside down or in the wrong way.

MP3 files cannot be played back.

- Recording was not performed according to the ISO 9660 level 1 or level 2 format, or the Joliet convention in the expansion format.
- The file extension “.MP3” is not added to the file name.
- Files are not stored in MP3 format.

MP3 files take longer to play back than others.

- The following discs take a longer time to start playback.
- a disc recorded with a complicated tree structure.
 - a disc to which data can be added.

Playback functions such as pause are deactivated.

- The RESET button has been pressed.
- The disc is ejected.

The sound skips.

- Dirty or defective disc.
- The player is installed in the place subject to severe vibrations.

Picture

There is no picture.

- Color system setting has been changed manually while playing a DVD.
 - Change the setting according to the color system of the DVD, turn off the player and turn it on again, or switch the input channel to “VIDEO,” then switch it to “DVD.”
- Check that the device connected to the AUDIO/VIDEO INPUT connectors is connected correctly.
- If there is no picture on the TV screen, etc. connected to the player, check that the device connected to the AUDIO/VIDEO OUTPUT connectors is connected correctly.

Picture noise appears.

- Dirty or defective disc.
- The player is installed in the place subject to severe vibrations.

Operation

The card remote commander does not function.

- Remove any obstacles between the card remote commander and this player.
- Use the card remote commander closer to the remote control sensor.
- Point the light emitter of the commander at the remote control sensor of the player.
- Replace the battery in the remote if it is weak.

The player does not play from the beginning when playing a disc.

- Resume Playback may be activated.
 - Press **■** again or eject the disc.
- Depending on the DVD, a title menu or a DVD menu may automatically appear on the monitor during playback.
 - Select the desired menu (page 18).
- Depending on the Video CD, the PBC menu display automatically appears on the monitor during playback.
 - Select the desired menu (page 20).

continue to next page →

Playback stops automatically.

The disc may contain an auto pause signal. While playing such a disc, this player stops playback at the signal.

You cannot perform certain functions, such as Stop or Search Playback.

With some discs, you cannot activate these functions.

The language for the sound track cannot be changed when you play a DVD.

- Multilingual tracks are not recorded on the DVD.
 - Changing the language for the track is prohibited on the DVD.
-

The subtitle language cannot be changed when you play a DVD.

- Multilingual subtitles are not recorded on the DVD.
 - Changing the language for the subtitles is prohibited on the DVD.
-

The subtitles cannot be turned off when you play a DVD.

Depending on the DVD, you may not be able to turn the subtitles off.

The angles cannot be changed when you play a DVD.

- Multi-angles are not recorded on the DVD.
 - Change the angles at a scene recorded with multiple angles (page 19).
 - Changing the angles is prohibited on the DVD.
-

This player does not operate properly.

Static electricity, etc., may affect this player's operation.

→ Turn off the player, allow the player to cool, then press **(POWER)** again.

Error display

Error displays

The following indications will be displayed for about 8 seconds.

POWER OFF OVERHEAT

The player may be overheated.

→ Allow the player to cool off, then press **(POWER)** again.

REGION ERROR

The region code of the DVD currently in the player does not conform to the player.

→ Make sure the region code of the DVD and the player (page 6).

DISC ERROR

- The data recorded on the disc is damaged.
 - The player does not support the format in which the data is recorded to the disc.
-



The operation cannot be done.

Language Code List

The language spellings conform to the ISO 639: 1988 (E/F) standard.

Code Language	Code Language	Code Language	Code Language
6565 Afar	7089 Frisian	7771 Malagasy	8382 Serbian
6566 Abkhazian	7165 Irish	7773 Maori	8385 Sundanese
6570 Afrikaans	7168 Scots/Gaelic	7775 Macedonian	8386 Swedish
6577 Amharic	7176 Galician	7776 Malayalam	8387 Swahili
6582 Arabic	7178 Guarani	7778 Mongolian	8465 Tamil
6583 Assamese	7185 Gujarati	7779 Moldavian	8469 Tegule
6588 Aymara	7265 Hausa	7782 Marathi	8471 Tajik
6590 Azerbaijani	7273 Hindi	7783 Malay	8472 Thai
6665 Bashkir	7282 Croatian	7784 Maltese	8473 Tigrinya
6669 Byelorussian	7285 Hungarian	7789 Burmese	8475 Turkmen
6671 Bulgarian	7289 Armenian	7865 Nauru	8476 Tagalog
6672 Bislama	7365 Interlingua	7869 Nepali	8479 Tonga
6678 Bengali	7378 Indonesian	7876 Dutch	8482 Turkish
6679 Tibetan	7383 Icelandic	7879 Norwegian	8484 Tatar
6682 Breton	7384 Italian	7982 Oriya	8487 Twi
6765 Catalan	7387 Hebrew	8065 Punjabi	8575 Ukrainian
6779 Corsican	7465 Japanese	8076 Polish	8582 Urdu
6783 Czech	7473 Yiddish	8083 Pushto/Pashto	8590 Uzbek
6789 Welsh	7487 Javanese	8084 Portuguese	8673 Vietnamese
6865 Danish	7565 Georgian	8185 Quechua	8679 Volap_k
6869 German	7575 Kazakh	8277 Raeto-Romance	8779 Wolof
6890 Bhutani	7576 Greenlandic	8279 Romanian	8872 Xhosa
6976 Greek	7577 Cambodian	8285 Russian	8979 Yoruba
6978 English	7578 Kannada	8365 Kinyarwanda	9072 Chinese
6979 Esperanto	7579 Korean	8368 Sanskrit	9085 Zulu
6983 Spanish	7583 Kashmiri	8372 Serbo-Croatian	
6984 Estonian	7585 Kurdish	8373 Sinhalese	
6985 Basque	7589 Kirghiz	8375 Slovak	
7065 Persian	7665 Latin	8376 Slovenian	
7073 Finnish	7678 Lingala	8377 Samoan	
7074 Fijian	7679 Laotian	8378 Shona	
7079 Faroese	7684 Lithuanian	8379 Somali	
7082 French	7686 Latvian Lettish	8381 Albanian	

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