SONY

4-412-722-**11**(1)

HI-FI Carrying Component System

Operating Instructions

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FH-SR1D

GB

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

To reduce the risk of fire, do not cover the ventilation opening of the apparatus with newspapers, tablecloths, curtains, etc. Do not place the naked flame sources such as lighted candles on the apparatus.

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

Do not expose batteries or apparatus with battery-installed to excessive heat such as sunshine, fire or the like.

The unit is not disconnected from the mains as long as it is connected to the AC outlet, even if the unit itself has been turned off.

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

This appliance is classified as a CLASS 1 LASER product. This marking is located on the rear exterior.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

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- This system incorporates with Dolby* Digital.
  * Manufactured under license from Dolby Laboratories.
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- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- This product contains technology subject to certain intellectual property rights of Microsoft. Use or distribution of this technology outside of this product is prohibited without the appropriate license(s) from Microsoft.

About this manual

- "DVD" may be used as a general term for a DVD VIDEO, DVD-R, DVD-RW, DVD+R or DVD+RW.
- In this manual, CD-R or CD-RW is sometimes referred to as "DATA CD."
- In this manual, DVD-R, DVD-RW, DVD+R or DVD+RW is sometimes referred to as "DATA DVD."
- This manual mainly explains operations using the remote, but the same operations can also be performed using the buttons on the unit having the same or similar names.

- ABOUT MPEG-4 VISUAL: THIS PRODUCT IS LICENSED UNDER THE MPEG-4 VISUAL PATENT PORTFOLIO LICENSE FOR THE PERSONAL AND NONCOMMERCIAL USE OF A CONSUMER FOR DECODING VIDEO IN COMPLIANCE WITH THE MPEG-4 VISUAL STANDARD ("MPEG-4 VIDEO") THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NONCOMMERCIAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED BY MPEG LA TO PROVIDE MPEG-4 VIDEO.
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Playable Discs

DVD	DVD VIDEO
	DVD-ROM
	DVD-R*/DVD-RW*
	DVD+R*/DVD+RW*
CD	CD-DA (Music CD)
	CD-ROM
	CD-R*/CD-RW*
	VIDEO CD

* If discs have not been correctly finalized, they will not be played back. For more information, refer to the operating instructions supplied with the recording device.

Discs that cannot be played
- Blu-ray Discs
- HD DVDs
- DVD-RAMs
- DVD Audio discs
- PHOTO CDs
- Super Audio CDs
- Data track of CD-Extras
- Audio material side on DualDiscs
- DVD-R/DVD-RW/DVD+R/DVD+RW in VR (Video Recording) mode
- CPRM (Content Protection for Recordable Media)-compatible DVD-R/RW containing content flagged as "Copy once."

Music discs encoded with copyright protection technologies
This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies 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.

Note on DualDiscs
A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Note on playback operations of a DVD
Some playback operations for a DVD may be intentionally restricted by software producers. Since this system plays a DVD according to the disc contents, some playback features may not be available.

Note about double-layer DVDs
The playback picture and sound may be momentarily interrupted when the layers switch.

Region code (DVD VIDEO only)
Your system has a region code printed on the rear of the unit and will only play a DVD VIDEO (playback only) labeled with an identical region code or [ALL].

Note about Multi Session CD
You can play only 1st session of a multisession disc.

2

3

4

Playable File Types

Video
File format	Extensions
Xvid video	".avi"
MPEG4 video[1]	".mp4" or ".m4v"

Music
File format	Extensions
MP3 (MPEG1 Audio Layer 3)[2]	".mp3"
WMA[3]	".wma"
AAC[4]	".m4a"

Photo
File format	Extensions
JPEG	".jpg" or ".jpeg"

[1] Supported video and audio codecs are as follows:
  – Video codec: MPEG4 Simple Profile (AVC is not supported.)
  – Audio codec: AAC-LC (HE-AAC is not supported.)
[2] MP3 PRO format is not supported.
[3] WMA DRM, WMA Lossless and WMA PRO formats are not supported.
[4] AAC DRM and AAC Lossless formats are not supported.

Notes
- Some files may not play depending on the format, the encoding method or recording condition.
- Some USB devices may not work with this system.
- The system supports ISO 9660 Level 1/Level 2 and Joliet for DATA CD.
- The system supports UDF (Universal Disk Format) for DATA DVD.
- The system supports FAT12, FAT16 and FAT32 for USB device.

- The system can recognize the files or folders on a DATA DVD, DATA CD or USB device as follows:
  — up to 300 folders
  — up to 648 files
- It may take time to read files in the following cases:
  – there are too many folders or files.
  – the memory capacity of the USB device is very large.
  – the memory of the USB device is fragmented.

Compatible USB devices with this system
Check the website below for the information about compatible USB devices.
<http://www.sony-asia.com/support>

Preparing the remote
Insert the two supplied R6 (size AA) batteries, matching the polarities as shown below.

Hooking up the system securely

Ⓐ **To right speaker**
Ⓑ **To left speaker**
Ⓒ **To wall outlet**
Ⓓ **FM lead antenna (Extended horizontally).**
Ⓔ **AM loop antenna**

A Speakers
Insert only the stripped portion of the cords.

B DC IN 12V jack
You can connect a DC power source to the DC IN 12V jack. If the AC power supply is cut off (because of a power failure, for example), the power source automatically switches to DC power. When the AC power supply resumes, the system returns to AC power operation.

- The outer electrode of the DC IN 12V jack is
  – (minus) and the inner one is + (plus).
- Be sure not to connect the DC IN 12V jack to a car cigarette lighter socket.

C Power
Connect the power cord to a wall outlet.
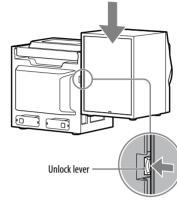
D Cable winders
You can adjust the speaker cable length by wrapping the cables around the cable winders.

E Antennas
Find a location and orientation that provide good reception when you set up the antennas.
Keep the antennas away from the speaker cords and the power cord to avoid picking up noise.

Attaching the speakers
Align the grooves and slide the speaker unit down until it snaps into the locked position. To detach the speaker, unlock the speaker unit using the unlock lever, and slide the speaker all the way up and away from the main unit.

Unlock lever

Connecting your TV
Connect the video input jack of your TV to the VIDEO OUT jack on the unit, using the supplied video cord.

When connecting a video deck
Connect the TV and the video deck using video and audio cords (not supplied) as shown below.

TV
Video deck — Unit
Do not connect directly

If you cannot connect a video deck between this system and the TV, you may experience video leakage when watching the video signal from this system. Do not connect a video deck between this system and TV.

Color System Setup
Change the color system if necessary from [PAL], [Multi] or [NTSC] after connecting your TV. The factory default of the color system is [PAL].

1 **Connect the power cord to a wall outlet.**
2 **Press POWER on the unit to turn on the system.**
3 **Press FUNCTION +/− repeatedly (or press DVD/CD on the unit) to switch the function to DVD/CD.** Playback starts automatically if a disc with an auto playback function is loaded. Press ■ twice to stop playback.
4 **Press SETUP in stop mode.** The setup menu appears.
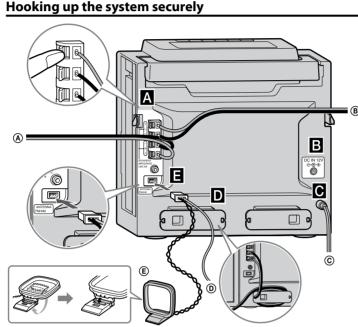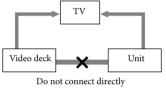5 **Press ◆/◆ repeatedly to select [Preference Page], then press ⊕.**
6 **Press ◆/◆ repeatedly to select [TV Type], then press ⊕.**
7 **Press ◆/◆ repeatedly to select [PAL], [Multi] or [NTSC], then press ⊕.**
8 **Press SETUP to turn off the Setup Menu.**

Note
The display on the TV screen may be interrupted momentarily after changing the color system as described above.

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5   **6**   **7**   **8**

Parts and Controls

Front panel

1 POWER button
Press to turn on or off the system.
2 EQ button
Press to select a preset sound effect.
3 Remote sensor
4 ◀◀ (rewind) button
Press to find a point in a track, file or chapter.
− TUNING button
Press to tune to a desired station.
5 Display

6 ▶ (play) button
Press to start or re-start playback (resume play).
7 ▶▶ (fast forward) button
Press to find a point in a track, file or chapter.
TUNING + button
Press to tune to a desired station.
8 DSGX button
Press to turn on or off the DSGX effect.
9 USB button
Press to select the USB function.

10 TUNER/BAND button
Press to select tuner function.
Press to select FM or AM reception mode.
11 TAPE button
Press to select the tape function.
12 ▶▶I (next) button
Press to select a track, file or chapter.
PRESET + button
Press to select a preset station.
13 ■ (stop) button
Press to stop and remember the stop point (resume point).
To re-start playback from the resume point (resume play), press ▶.
14 ENTER button
Press to enter/confirm the settings.
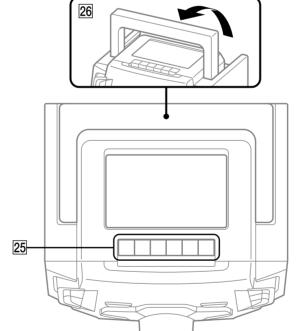**15 ◆/◆/◆/◆ button**
Press to move the cursor for item selection.
16 OPEN/CLOSE button
Press to open or close the disc tray.
17 ⟶ (USB) port
Used for connecting a USB device.
18 AUDIO IN (audio in L/R) jacks
Used for connecting an optional audio component.

19 Disc tray
20 VOLUME control
Turn to adjust the volume.
21 AUDIO IN button
Press to select the AUDIO IN function.
22 II (pause) button
Press to pause playback. To resume playback, press the button again.
23 I◀◀ (previous) button
Press to select a track, file or chapter.
− PRESET button
Press to select a preset radio station.
24 DVD/CD button
Press to select the DVD/CD function.

Top panel

25 ● (record) button, ▶ (play) button, ◀◀ (rewind) button, ▶▶ (fast forward) button, ■▲ (stop/eject) button, II (pause) button
Press to operate the tape functions.

26 Carrying handle

Remote

⏏ OPEN/CLOSE
Press to open or close the disc tray.
TIME
Press to display or switch the time information during playback.
TV INPUT
Press to switch the TV's input source between the TV signal and other input source.
Note that only Sony TVs can be operated using this remote.

TV I/⏻ (on/standby)
Press to turn on or off the TV.
Note that only Sony TVs can be operated using this remote.
PROGRAM
Press to activate program play in the DVD/CD function, or press to preset radio stations in the tuner function.
REPEAT
Press to activate repeat/shuffle playback mode.
FUNCTION +
Press to select a function in sequence.
EQ
Press to select a sound effect.
DSGX
Press to turn on or off the bass boost effect.
FUNCTION −
Press to select a function in sequence.
ZOOM
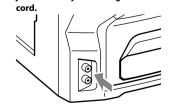Press to zoom in or zoom out of a displayed picture when viewing a DVD VIDEO, a VIDEO CD, an Xvid video, an MPEG4 video or a JPEG image. You can move the magnified portion of the picture by pressing ◆/◆/◆/◆.
ISS (Interference Suppress Switch)
Press to select "ISS-1" or "ISS-2" to suppress whistling noises when recording AM radio programs onto a tape.
FM MODE/IF BAND
Press to select the FM reception mode (monaural or stereo).
Press to select a preset bandwidth from among "IFBAND-1," "IFBAND-2," "IFBAND-3" or "IFBAND-4" while listening to an AM radio program. These may help reduce interference on some frequencies.

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9   **10**   **11**   **12**

AUDIO
Press to select an audio signal format when multiple audio signals are available.
SUBTITLE
Press to select a subtitle language when multilingual subtitles are available.
ANGLE
Press to switch to other viewing camera angles when multi-angles are recorded on a DVD VIDEO.
Number buttons
Press to enter numbers for selecting a title/chapter, preset radio station, etc.
DVD TOP MENU
Press to open the DVD top menu.
♫ DVD MENU
Press to open or close the DVD menu. When pressed during playback of JPEG image files, a thumbnail view (digest view) is displayed.
MUTING
Press to mute or unmute the sound.
◆/◆/◆/◆
Press to move the cursor for item selection.
⊕ (enter)
Press to enter/confirm the settings.
VOLUME +/−
Press to adjust the volume.
SETUP
Press to open or close the setup menu.
⌂ DISPLAY
Press to open or close the Display Menu.

Playback operation buttons
I◀◀/▶▶I (previous/next)
◀◀/▶▶ (fast reverse/fast forward)
◀I/I▶ (slow reverse/slow forward)
Press to watch in slow-motion when pressed in pause mode.
▶ (play)
II (pause)
■ (stop)
Radio operation buttons
PRESET +/−
TUNING +/−
SHIFT
Press and hold to use the pink number buttons.

Playing a Disc

1 **Press FUNCTION +/− repeatedly (or press DVD/CD on the unit) to select the DVD/CD function.**
2 **Press ⏏ OPEN/CLOSE to open the disc tray.**
3 **Place a disc in the disc tray, then press ⏏ OPEN/CLOSE to close the disc tray.**

With the label side up.

4 **Press ▶ to start playback.**
5 **Press VOLUME +/− or turn VOLUME control on the unit to adjust the volume.**

Playing Files on a Disc/USB Device

1 **Press FUNCTION +/− repeatedly (or press DVD/CD or USB on the unit) to select the DVD/CD or USB function.**
   - DVD/CD: For a disc.
   - USB: For a USB device.
2 **Load the source.**
   ■ **For a disc**
   Place a disc in the tray by pressing ⏏ OPEN/CLOSE to open or close the disc tray.
   ■ **For a USB device**
   Connect a USB device to the ⟶ (USB) port.

USB device

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3 **Select a desired file from the displayed file list.**

Cursor position number
Cursor

- To move the cursor:
  Press ◆ or ◆.
- To enter a folder:
  Press ⊕ or ◆ after moving the cursor to a desired folder.
- To return to the parent folder:
  Press ⊕ or ◆ after moving the cursor to □ ◆◆.

You can also check the current cursor position and its number from the following information that will appear on the display.

[FLD] XXX:
Indicates that a folder is selected, representing its cursor position number (ex. "[FLD] 005").

[BACK]:
Indicates that □ ◆◆ is selected.

File format and XXX:
Indicates the file format of a currently selected file, representing its cursor position number (ex. "WMA 002").

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4 **Press ▶ to start playback.**
5 **Press VOLUME +/− or turn VOLUME control on the unit to adjust the volume.**

Playing a Tape
Use buttons on the unit for tape operations.

1 **Press FUNCTION +/− repeatedly (or press TAPE on the unit) to select the tape function.**
2 **Insert a tape.**
Open the cassette deck holder by pressing ■▲, and insert a tape into the cassette holder.
3 **Press ▶ to start playback.**
4 **Press VOLUME +/− or turn VOLUME control on the unit to adjust the volume.**

Notes
- Make sure there is no slack in the tape to avoid damaging the tape or the tape deck.
- Make sure to press ■▲ after the tape has been wound or rewound to the end using the ◀◀/▶▶ button.
- Do not turn off the system during playback.

Recording onto a Tape
You can record just the portion you like from a sound source, including a connected audio component. Use a TYPE I (normal) tape for recording.
Use buttons on the unit for tape operations.

1 **Insert a recordable tape into the cassette holder with the side you want to record on facing up.**
2 **Prepare the recording source.**
   ■ **For a disc**
   Place a disc in the tray.
   To record only your favourite tracks in desired order, press PROGRAM and program the tracks before recording (See "To play in programmed order" (page 18)).
   ■ **For a USB device**
   Connect a USB device to the ⟶ (USB) port.
   ■ **For a radio station**
   Tune to a desired station.
   ■ **For an optional component**
   Connect an audio component.
3 **Start recording.**
   ■ **For a disc, a USB device and an audio component**
   Start playback, and then press ●.
   ■ **For a radio station**
   Press ●.
   To stop recording, press ■▲.

Tips
- Sony recommend that you press II first, and then press ■▲ to avoid noise being recorded when you stop recording.
- If a whistling noise occurs while recording AM radio programs, press ISS repeatedly to select "ISS-1" or "ISS-2." This may reduce such noise and improve recording quality.

Listening to Sound from an Optional Component
You can listen to sound from a component connected to the AUDIO IN jacks on the unit using an audio cord (not supplied).

1 **Connect the audio output jacks of your component and the AUDIO IN jacks of this system using the audio cord.**

2 **Press VOLUME − or turn VOLUME control on the unit counterclockwise to turn down the volume.**
3 **Press FUNCTION +/− repeatedly (or press AUDIO IN on the unit) to select the AUDIO IN function.**
4 **Press VOLUME +/− or turn VOLUME control on the unit to adjust the volume.**

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13   **14**   **15**   **16**

Continued →

Other Playback Operations

To change angles (only for DVD VIDEOs)
Press ANGLE during playback to select the desired angle.

To display subtitles (only for DVD VIDEOs)
Press SUBTITLE during playback to select the desired subtitle language.

To change the sound
Press AUDIO repeatedly during playback to select a desired audio format.

■ **When playing a DVD**
When playing a DVD VIDEO with multiple audio formats, you can change the audio format from PCM, Dolby Digital or MPEG audio. If the DVD VIDEO is recorded with multilingual tracks, you can also change the audio language.

■ **When playing a CD/VCD**
You can select stereo sound or monaural sound settings for sound output from the speakers. In monaural sound settings, you can select the right or left channel and listen to the selected channel sound through both the right and left speakers.

To play a VIDEO CD with PBC functions
When you start playing a VIDEO CD with PBC (Playback control) functions, the PBC menu appears for your operation.

To play without using PBC
In stop mode, press SHIFT + number buttons to select the desired item number.

To magnify the displayed picture
You can zoom in or zoom out of a displayed picture by pressing ZOOM when viewing a DVD VIDEO, a VIDEO CD, an Xvid video, an MPEG4 video or a JPEG image.
By repeatedly pressing the button, the magnification changes cyclically.
The magnified portion of the picture can be moved by pressing ◆/◆/◆/◆.

To search for a title/chapter/track/scene, etc.

■ **When playing a DVD/VCD**
1 Press ▭ DISPLAY during playback.
   The Display Menu appears on the TV screen.
2 Press ◆/◆ to select an option, then press ⊕.
3 Press and hold SHIFT, then press the number buttons to jump to the desired option.

■ **When playing a CD**
1 Press ▭ DISPLAY during playback.
   The selection display appears on the TV screen.
2 Press and hold SHIFT, then press the number buttons to select the desired track.

■ **When playing an audio file/JPEG image file/video file**
1 Press ▭ DISPLAY during playback.
   The selection display appears on the TV screen.
2 Press and hold SHIFT, then press the number buttons to select the desired file.

To play in programmed order
Selects the tracks to play in the order you want (only for CD-DA discs). A maximum of 20 tracks can be programmed.
1 Press PROGRAM.
   The Program Menu display appears on the TV screen.
2 Press and hold SHIFT, then press the number buttons to enter a 2-digit track number for the track selection ("02" for track 2, for example).
3 Press ◆/◆/◆/◆ to select [Start] to play the program.

To play repeatedly/shuffle, etc.
Press REPEAT repeatedly to select the desired playback mode. The selected mode appears on the display.
● "REP CHP": Repeats the current chapter.
● "REP TIT": Repeats the current title.
● "REP ALL": Repeats all titles.
● "REP TRK": Repeats the current track.
● "REP OFF": The system returns to normal playback mode.
● "SHUFFLE": Plays all tracks/chapters/files only once in random order.
● "SHUF REP": Repeats shuffle play.
● "FOLDER": Plays the current folder.
● "RANDOM": Repeatedly plays a randomly selected file from the current folder. In this mode, the same file may be played more than twice.
● "SINGLE": Plays the current file.
● "REP ONE": Repeats the current file.
● "REP FLD": Repeats the current folder.

Note
The selectable modes and their order differ depending on the disc or file.

To view information about the disc/file
You can check the playing time and remaining time of the current title, chapter, track. You can also check the time information during playback of video files.

Press TIME repeatedly during playback.
Each time you press the button, the displayed item changes. Displayable items vary depending on the playback source.

Adjusting the Sound

To generate more dynamic sound
Press DSGX repeatedly during playback to turn on or off the DSGX (Dynamic Sound Generator X-tra) function.
● "DSGX ON": Generates more dynamic sound.
● "DSGX OFF": Turns off the DSGX function.

To select an equalizer setting
Press EQ repeatedly during playback until the desired mode appears on the display.
● "FLAT": Flat and pure sound mode.
● "ROCK": Enhanced low and high range for great sounding movie effects and atmosphere. Great for action movies and rock music.
● "POP": Ideal for listening to pop music.
● "JAZZ": Clear mid and high range. Recreates the atmosphere of a live club with the artist just in front of you. Good for jazz music and watching dramas.

Using a Tuner

To preset radio stations
You can preset up to 20 FM stations and 10 AM stations. You can then tune to any of those stations simply by selecting the corresponding preset number.
1 Select a radio band.
   Press FUNCTION +/− or TUNER/BAND repeatedly to select "FM" or "AM."
2 Press and hold TUNING +/− 2 seconds to start tuning until you find the desired radio station.
   "SEARCH +" or "SEARCH −" appears on the display until a radio station with sufficient signal strength is found.
3 Press PROGRAM.
   "P 01" appears on the display.
4 Press PRESET +/− or SHIFT + number buttons to select a preset number.
5 Press ⊕ to store the station frequency.

To listen to a preset radio station
1 Press FUNCTION +/− or TUNER/BAND repeatedly to select "FM" or "AM."
2 Press PRESET +/− or SHIFT + number buttons to select a preset number.
3 Press VOLUME +/− or turn VOLUME control on the unit to adjust the volume.

Tips
● If interference occurs while tuning to an AM station, press IF BAND repeatedly to change the bandwidth. "IFBAND-1" is the widest and "IFBAND-4" is the narrowest bandwidth. Using wider bandwidths usually results in better audio fidelity, while narrower bandwidths result in dull sound due limited audio fidelity.
● When an FM stereo program has static noise, press FM MODE repeatedly to select "MONO." You will loose stereo effect, but reception will improve.

Using the Setup Display
You can make various adjustments to menu items.
The default setting is underlined.
1 Press FUNCTION +/− repeatedly (or press DVD/CD or USB on the unit) to select the DVD/CD or USB function.
2 Press SETUP in stop mode.
   The setup menu appears.
3 Press ◆/◆ to select one of the setup menu categories, then press ⊕.
4 Press ◆/◆ to select a setup item, then press ◆ or ⊕.
5 Select the option you want to change and press ⊕ to confirm and go back to the previously selected item.
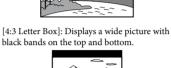6 Press SETUP to turn off the menu.

Selected category   Setup categories

Selected setting   Options

General Setup Page

■ **[TV Display]**
[16:9]: Select this when you connect a wide-screen TV or a TV with a wide mode function.

[4:3 Letter Box]: Displays a wide picture with black bands on the top and bottom.

[4:3 Pan Scan]: Displays a full-height picture on the entire screen, with trimmed sides.
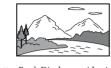
■ **[OSD Lang] (On-Screen Display)**
You can select the display language on the TV screen.

■ **[Screen Saver]**
[On]: Turns on the screen saver when in stop, pause, no disc, or eject mode for more than 15 minutes.
[Off]: Turns off the screen saver.

Preference Page

■ **[TV Type]**
[PAL]: For a PAL-system TV.
[Multi]: For a TV that is compatible with both PAL and NTSC.
[NTSC]: For an NTSC-system TV.

■ **[Audio]**
You can select the preferred audio language for DVDs with multiple sound tracks.

■ **[Subtitle]**
You can select the language of the subtitles recorded on a DVD VIDEO.

■ **[Disc Menu]**
You can select the language for a disc's menu.

■ **[Parental]**
You can restrict playback of DVDs that have ratings. Scenes may be blocked or replaced with different scenes.
1 Press ◆/◆ to select a rating level from [1] to [8] or [Off], then press ⊕.
2 Press the number buttons to enter your 6-digit password.

■ **[Default]**
You can reset all the setup menu options and your personal settings to the factory defaults, except for your password for the [Password] and [Parental] items.
Press ⊕ to confirm the default reset.

Password Setup Page

■ **[Password]**
The default password is "000000". To change the password:
1 Press and hold SHIFT, and then enter "000000" or your last set 6-digit password in the [Old Password] section.
2 Press and hold SHIFT, and then enter a new 6-digit password in the [New Password] section.
3 Press and hold SHIFT, and then enter a new 6-digit password again in the [Confirm PWD] section to confirm your entry.
4 Select [OK] to exit the menu.

Precautions

On placement
● At high volume, over long periods of time, the cabinet becomes hot to the touch. This is not a malfunction. However, touching the cabinet should be avoided. Do not place the system in a confined space where ventilation is poor as this may cause overheating.
● Do not install the system near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.
● Do not install the system in an inclined position. It is designed to be operated in a horizontal position only.
● Do not place heavy objects on the system.

On operation
● If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the unit. Should this occur, the system may not operate properly. In this case, remove the disc and leave the system turned on for about half an hour until the moisture evaporates.
● If anything falls into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.

On cleaning
Clean the cabinet, panel, and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent such as alcohol or benzine.
If you have any questions or problems concerning your system, please consult your nearest Sony dealer.

On cleaning discs, disc/lens cleaners
Do not use cleaning discs or disc/lens cleaners (including wet or spray types). These may cause the apparatus to malfunction.

On your TV's color
IMPORTANT NOTICE
Caution: If you leave the same image (a still video image, an on-screen display image, etc.) displayed on your TV for an extended period of time, you risk permanent damage to your television screen. Projection televisions are especially susceptible to this.

On moving the system
Before moving the system, make sure that there is no disc inserted, and remove the AC power cord from the wall outlet.

On handling discs
● To keep the disc clean, handle the disc by its edge. Do not touch the surface.
● Do not attach paper or tape to the disc.
● Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerably inside the car.

On cleaning discs
● Before playing, clean the disc with a cleaning cloth.
  Wipe the disc from the center outward to the edge.
● Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for vinyl LPs.

This system can only play back a standard circular disc. Using neither standard nor circular discs (e.g., card, heart, or star shape) may cause a malfunction.
Do not use a disc that has a commercially available accessory attached, such as a label or ring.

On heat buildup
● Although the system heats up during operation, this is not a malfunction.
● Place the system in a location with adequate ventilation to prevent heat buildup in the system.
● If you continuously use this system at a high volume, the cabinet temperature rises considerably. To avoid burning yourself, do not touch the cabinet.
● To prevent a malfunction, do not cover the ventilation openings.

To prevent a tape from being accidentally recorded over
Break off the cassette's overwrite protection tab from side A or B as illustrated below.

Break off the cassette tab

To later reuse the tape for recording, cover the broken tab with adhesive tape.

About a tape longer than 90 minutes
The use of the tape with longer than 90 minutes of play time is not recommended except for long, continuous recording or playback.

Cleaning the tape heads
Use a dry- or wet-type cleaning cassette (available separately) after every 10 hours of use, before you start an important recording, or after playing an old tape. Failure to clean the tape heads can cause degraded sound quality or an inability of the unit to record or play tapes.

About the setup menus
The system will retain the current settings of the setup menus as a backup. However, the settings may return to their default settings during operations. If this happens, perform setting again for each menu item.

Troubleshooting
If you experience any of the following difficulties while using the system, check this troubleshooting guide to help remedy the problem before requesting repairs. Should any problem persist, consult your nearest Sony dealer.
Note that if service personnel changes some parts during repair, these parts may be retained.

If "PROTECT" appears on the display
Immediately unplug the power cord, and check if the + and − speaker cords are short-circuited after "PROTECT" disappears.
If you have checked this point and found it to be all right, reconnect the power cord. If the issue persists, contact your nearest Sony dealer.

Power
The power is not turned on.
Check that the AC power cord is connected securely.

"LOW PWR" appears on the display.
The AC or DC power supply is insufficient.

Picture
There is no picture.
● The video connecting cords are not connected securely.
● The unit is not connected to the correct TV input jack.
● The system is not selected via the video input of the TV.
● Check the output method on your system.

Even though you set the aspect ratio in [TV Display] of [General Setup Page], the picture does not fill the TV screen.
The aspect ratio is fixed on the disc.

Color irregularity occurs on the TV screen.
The system's speakers contain magnet parts, so magnetic distortion may occur. When color irregularity occurs on the TV screen, check the following items.
— Install the speakers at least 0.3 meters from your TV set.
— If the color irregularity persists, turn off the TV set once, then turn it on after 15 to 30 minutes.
— Reposition the speakers farther away from your TV set.

The [TV Type] setting does not match your TV.
[TV Type] can be reset according to the following procedure:
1. Press ⏏ to remove the disc.
2. Press ▭ DISPLAY.
3. Press ⊕.
   [TV Type] will be reset.

Sound
There is no sound. Severe hum or noise is heard.
● The speaker cords are not connected securely.
● Clean the disc.

The sound loses stereo effect when you play a VIDEO CD or CD.
Set the audio setting to [Stereo] by pressing AUDIO.

Operation
Radio stations cannot be tuned in.
Check that the antenna is connected securely. Adjust the antenna or connect an external antenna if necessary.

A disc does not play.
● The region code on the DVD does not match the system.
● Moisture has condensed inside the unit and may cause damage to the lenses. Remove the disc and leave the unit turned on for about half an hour.

A DATA CD/DATA DVD cannot be played.
● The DATA CD is not recorded in ISO 9660 Level 1/Level 2 or Joliet.
● The DATA DVD is not recorded in UDF (Universal Disk Format).

A JPEG image file cannot be played.
It is larger than 2,048 (width) × 1,536 (height) pixels in normal mode, or more than 2,000,000 pixels in progressive format which is mainly used on the Internet websites.

A video file cannot be played.
The video file is larger than 720 (width) × 576 (height) pixels.

A video file does not play smoothly.
If the video file has been encoded with a bit rate of over 4 Mbps, playback may not be smooth. Use lower bit rates (max. 4 Mbps) when creating video files.

The name of a folder or file is not displayed correctly.
The system can only display numbers and letters of the alphabet. Other characters are displayed as "_".

A disc does not start playing from the beginning.
● Resume play has been selected. During stop, press ■ and then start playback.
● Program play has been selected. During stop, press ■ and then start playback.
● Shuffle play has been selected. During stop, press ■ and then start playback.

A disc cannot be ejected and "LOCKED" appears on the display.
Contact your Sony dealer or local authorized Sony service facility.

The system does not work normally.
Disconnect the AC power cord from the wall outlet, then reconnect after several minutes.

USB device
"OVERLOAD" appears on the display.
Remove the USB device from the ⟨⟨ (USB) port. Make sure there is no problem with the USB device.

The USB device (audio file/JPEG image file/video file) cannot be played.
● Files that are encrypted or protected by passwords, etc., cannot be played.
● There is no playable file on the USB device.

Tape
The sound exhibits excessive wow, flutter or dropout.
Clean the tape heads. See "Cleaning the tape heads" (page 24) under "Precautions" for details.

Specifications

Main unit

Amplifier section
The following measured at AC 220 V – 240 V, 50/60 Hz
Power output (rated):
   7.5 W + 7.5 W (at 6 Ω, 1 kHz, 1% THD)
RMS output power (reference):
   15 W + 15 W (per channel at 6 Ω, 1 kHz)
Inputs
AUDIO IN:
   Voltage 700 mV, impedance 47 kΩ
Outputs
VIDEO OUT:
   Max. output level 1 Vp-p, unbalanced, sync negative, load impedance 75 Ω
SPEAKERS:
   Use only the supplied speakers (SS-CSR1D)

Disc player section
System:
   Compact disc and digital audio and video system
Laser Diode Properties
   Emission Duration: Continuous
   Laser Output*: Less than 1000 μW
   * This output is the value measurement at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Frequency response
   DVD (PCM 48 kHz): 20 Hz – 20 kHz (±1 dB)
   CD: 20 Hz – 20 kHz (±1 dB)
Video color system format:
   PAL

USB section
⟨⟨ (USB) port:
   Maximum current: 500 mA

Tape deck section
Recording system: 4-track 2-channel, stereo

FM tuner section
Tuning range:
   87.5 MHz – 108.0 MHz (50 kHz step)
Antenna: FM lead antenna

AM tuner section
Tuning range:
   531 kHz – 1,602 kHz (9 kHz step)
Antenna: AM loop antenna

Speaker (SS-CSR1D)
Speaker system:
   2-way, Bass reflex, Magnetically shielded
Speaker unit
   Woofer: 100 mm, cone type
   Tweeter: 40 mm, cone type
Rated impedance: 6 Ω
Dimensions (W/H/D):
   Approx. 200 mm × 230 mm × 230 mm
Mass: Approx. 2.3 kg
Quantity: 2 pieces

General
Power requirements:
   AC 220 V – 240 V, 50/60 Hz or DC 12 V
Power consumption:
   35 W (AC power supply)/
   4.5 A (DC 12 V power supply)
Dimensions (W/H/D) (excl. speakers):
   Approx. 260 mm × 250 mm × 288 mm
Mass (excl. speakers):
   Approx. 4.2 kg
Quantity of the main unit:
   1 piece
Supplied accessories:
   Remote Commander (1)
   FM/AM antenna (1)
   Video cord (1)
   R6 (Size AA) batteries (2)

Design and specifications are subject to change without notice.

http://www.sony.net/