SONY

4-460-926-**11**(2)

Home Audio System

Operating Instructions

* 4 4 6 0 9 2 6 1 1 * (2)

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CMT-S40D GB

WARNING

To reduce the risk of fire, do not cover the ventilation opening of the appliance with newspapers, tablecloths, curtains, etc.
Do not expose the appliance to naked flame sources (for example, lighted candles).

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

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

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 expose batteries or appliances with battery-installed to excessive heat, such as sunshine and fire.

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.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives.
This product has been manufactured by or on behalf of Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources.
For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.
Applicable accessories: Remote commander

Europe Only

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.
On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.
In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.

To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.
For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

About this manual

- "DVD" may be used as a general term for a DVD VIDEO, DVD-R, DVD-RW, DVD+R or DVD+RW.
- CD-R or CD-RW is sometimes referred to as "DATA CD."
- 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.

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 of 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 on multi-session discs
This system can play back continuous sessions on a disc when they are recorded in the same format as the first session. When a session recorded in a different format is encountered, that session and the ones following it cannot be played back. Note that even if the sessions are recorded in the same format, some sessions may not play back.

Notes on discs
- The system can only play back a standard circular disc. Using anything other than standard or circular discs (e.g., card, heart, or star shaped discs) may cause a malfunction.
- Do not use a disc that has a commercially available accessory attached, such as a label or ring.

Playable File Types

Video	
File format	Extensions
Xvid video	".avi"
Music	
File format	Extensions
MP3 (MPEG1 Audio Layer 3)[1)]	".mp3"
WMA[2)]	".wma"
Photo	
File format	Extensions
JPEG	".jpg" or ".jpeg"

1) MP3 PRO format is not supported.
2) WMA DRM, WMA Lossless and WMA PRO formats are not supported.

Notes
- Some files may not play depending on the format, the encoding method or the recording condition.
- Some USB devices may not work with this system.
- Do not connect the system and the USB device through a USB hub.
- The system supports ISO 9660 Level 1/Level 2 for DATA CD.
- The system supports UDF (Universal Disk Format) for DATA DVD.
- The system supports FAT16 and FAT32 for USB devices.
- The system can recognize files or folders on a DATA DVD, DATA CD or USB device as follows:
  — up to 188 folders including the root folder on a DATA DVD, DATA CD or USB device
  — up to 999 files on a DATA DVD, DATA CD or USB device
- It may take time to read files in the following cases:
  — there are too many folders or files on a DATA DVD, DATA CD or USB device.
  — 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 websites below for information about compatible USB devices.

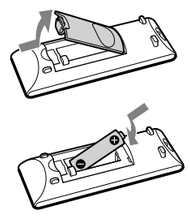
For customers in Europe:
http://support.sony-europe.com/

For customers in Latin America:
http://esupport.sony.com/LA

For customers in other countries/ regions:
http://www.sony-asia.com/support

Preparing the Remote

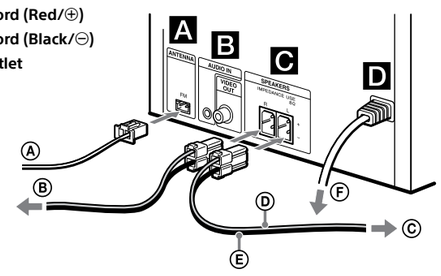
Insert an R6 (size AA) battery (not supplied), matching the polarities as shown below.



Notes on using the remote
- With normal use, the battery should last for about six months.
- If you do not use the remote for a long period of time, remove the battery to avoid damage from battery leakage and corrosion.

Hooking Up the System Securely

Ⓐ **FM lead antenna (Extended horizontally.)**
Ⓑ **To right speaker**
Ⓒ **To left speaker**
Ⓓ **Speaker cord (Red/⊕)**
Ⓔ **Speaker cord (Black/⊖)**
Ⓕ **To wall outlet**



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

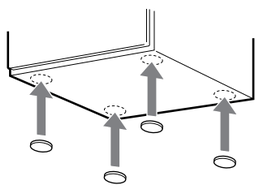
Ⓑ AUDIO IN and VIDEO OUT jacks
AUDIO IN:
Connect an external audio component.
VIDEO OUT:
Connect the video input jack of the TV or projector.

Ⓒ Speakers
Connect the speaker cords.

Ⓓ Power
Connect the power cord to a wall outlet.

Attaching the Speaker Pads

Attach the supplied speaker pads at each corner on the bottom of the speakers to prevent them from slipping.



Setting the Clock

1 **Press I/⏻ 1 to turn on the system.**
2 **Press and hold SHIFT 19, then press ANGLE/TIMER MENU 15 to select the clock set mode.**
If "SELECT" appears on the display, press I◀◀ /▶▶I 6 repeatedly to select "CLOCK," and then press ⊕ (enter) 8.
3 **Press I◀◀ /▶▶I 6 to set the hour, and then press ⊕ 8.**
4 **Use the same procedure to set the minutes.**
The clock settings are lost when you disconnect the power cord or if a power failure occurs.

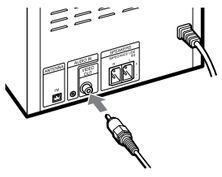
To display the clock

■ **When the system is off**
Press TIME 13. The clock is displayed for about 8 seconds.

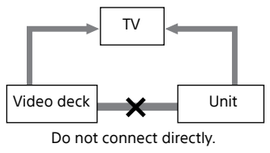
■ **When the system is on**
Press TIME 13. The clock is displayed for about 8 seconds.

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.



Do not connect directly.

If you 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.

Setting Up the Color System

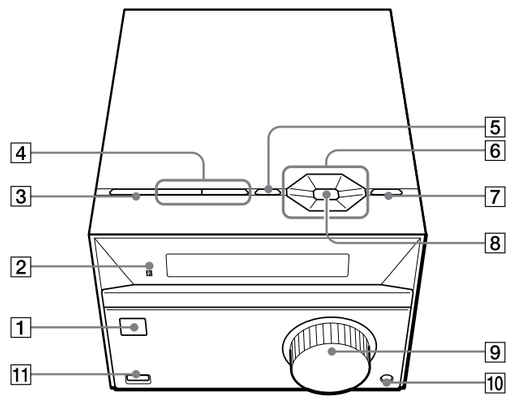
Change the color system if necessary from [PAL], [NTSC] or [Auto] after connecting your TV. The factory default for the color system is [PAL] for European, Russian, Saudi Arabian and Argentine models, and [NTSC] for other models. Note that the color system setup function is not available for Latin American models (except for Argentine model).

1 **Connect the power cord to a wall outlet.**
2 **Press I/⏻ 1 to turn on the system.**
3 **Press FUNCTION 3 repeatedly to switch the function to DVD/CD.**
Playback starts automatically if a disc with an auto playback function is loaded. Press ■ 4 twice to stop playback.
4 **Press SETUP 20 in stop mode.**
The setup menu appears.
5 **Press ↑/↓ 6 repeatedly to select [SCREEN] settings, then press ⊕ 8.**
6 **Press ↑/↓ 6 repeatedly to select [TV System], then press ⊕ 8.**
7 **Press ↑/↓ 6 repeatedly to select [PAL], [NTSC] or [Auto], then press ⊕ 8.**
8 **Press SETUP 20 to turn off the setup menu.**

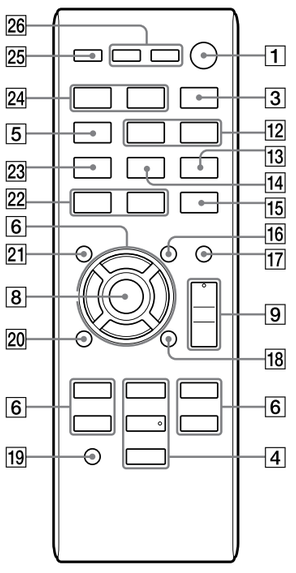
Note
The display on the TV screen may be interrupted momentarily after changing the color system.

Parts and Controls

Main unit



Remote



1 **I/⏻ (on/standby) button**
Press to turn the system on or off.
2 **Remote sensor**
3 **FUNCTION button**
Press to select a function.

Unit: ↑/↓ button

Remote: ↑/↓/←/→ button
Press to move the cursor for item selection.

I▶ (slow forward) button
Press in pause mode to watch in slow-motion.

PRESET +/– button
Press to select a preset radio station.

7 **⏏ (open/close) button**
Press to open or close the disc tray.

8 **Unit: ENTER button**

Remote: ⊕ (enter) button
Press to enter/confirm the settings.

9 **Unit: VOLUME control**
Turn to adjust the volume.

Remote: VOLUME +/– button
Press to adjust the volume.

10 **MIC (microphone) jack**
Use to connect a microphone.

11 **⇜ (USB) port**
Use to connect a USB device. When the connected device has a rechargeable battery and the system is turned on, the battery will be charged by the system.

12 **ECHO button**
Press to adjust the echo level.

MIC LEVEL button
Press to adjust the microphone volume.

13 **TIME button**
Press to display or switch the time information during playback.

14 **DIMMER button**
Press to change the brightness of the display of the unit. Repeatedly pressing the button changes the brightness in 2 levels (bright/dark).

15 **ANGLE/TIMER MENU button**
— Press to switch to other viewing camera angles when multi-angles are recorded on a DVD VIDEO.
— Press to set the play timer. See also the description for the SHIFT 19 button.

16 **↶ DVD MENU button**
— Press to open or close the DVD menu during playback of a DVD VIDEO.
— Press to return to the previous screen while operating in the folder/file list displayed on the TV screen.

17 **MUTING button**
Press to mute or unmute the sound.

18 **▭ DISPLAY button**
Press to display or hide the pull-down menu for search mode or for information about the current playback.

19 **SHIFT button**
Press and hold to use with the pink-labeled buttons (number buttons, SLEEP 22 and TIMER MENU 15).

20 **SETUP button**
Press to open or close the setup menu.

21 **DVD TOP MENU button**
— Press to open the DVD top menu when playing a DVD.
— Press to turn the PBC function on or off when playing a VIDEO CD with PBC function.

22 **AUDIO/SLEEP button**
— Press to select an audio signal format during playback if multiple audio signal formats are available.
— Press to select the FM reception mode (monaural or stereo) when listening to FM stereo programs.
— Press to set the sleep timer. See also the description for the SHIFT 19 button.

SUBTITLE button
Press to select a subtitle language when multilingual subtitles are available (e.g., DVD VIDEOs).

23 **ZOOM button**
Press to zoom in or zoom out of a displayed picture when viewing a DVD VIDEO, a VIDEO CD, an Xvid video or a JPEG image. You can scroll the picture up, down, left or right at the selected magnification level by pressing ↑/↓/←/→ 6.

24 **PROGRAM button**
Press to program CD-DA tracks for program play, or press to preset radio stations.

REPEAT button
Press to activate repeat playback mode.

25 **BASS BOOST button**
Press to create a more dynamic sound. You can turn the effect on or off by pressing repeatedly.

26 **TV INPUT button**
Press to switch the TV's input source between the TV signal and an other input source.
Note that only Sony TVs can be operated using this remote.

TV I/⏻ (on/standby) button
Press to turn the TV on or off.
Note that only Sony TVs can be operated using this remote.

Playing a Disc

1 **Press FUNCTION 3 repeatedly to select the DVD/CD function.**
2 **Press ⏏ 7 on the unit to open the disc tray.**
3 **Place a disc in the disc tray, then press ⏏ 7 on the unit to close the disc tray.**
Playback starts automatically when you close the disc tray.
If playback does not start automatically, press ▶ 4.

With the label side up.

4 **Press VOLUME +/– 9 to adjust the volume.**

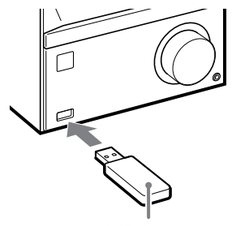
Playing Files on a Disc/USB Device

1 **Press FUNCTION 3 repeatedly to select the DVD/CD or USB function.**
- DVD/CD: For playback of files on a disc.
- USB: For playback of files on a USB device.

2 **Load the source.**

■ **For a disc**
Open the disc tray, place a disc in the tray and then close it.

■ **For a USB device**
Connect a USB device to the ⇜ (USB) port 11.



USB device

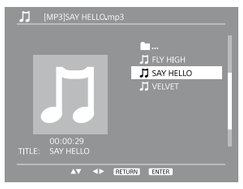
3 **Press ←/→ 6 repeatedly to select a media type (music/photo/ video), then press ⊕ 8.**

4 **Press VOLUME +/– 9 to adjust the volume.**
When you want to play a different file, stop playback, and then follow the procedure below.

To play a desired file

1 **Press ↑/↓ 6 to move the cursor to 🗀•••, then press ⊕ 8.**
2 **Press ↑/↓ 6 to move the cursor to a folder that contains a file you want to play, then press ⊕ 8.**
3 **Press ↑/↓ 6 to move the cursor to the desired file, then press ⊕ 8 (or ▶ 4) to start playback.**

(Example: MP3 disc)



4 **Press VOLUME +/– 9 to adjust the volume.**

To play a desired folder

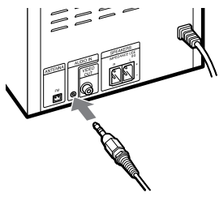
1 **Press ↑/↓ 6 to move the cursor to 🗀•••, then press ⊕ 8.**
2 **Press ↑/↓ 6 to move the cursor to a desired folder, then press ⊕ 8 (or ▶ 4).**
Playback starts from the first file in the selected folder, and playback continues until playback of all files within the folder ends.
3 **Press VOLUME +/– 9 to adjust the volume.**

Tips
- You can select a file to play by pressing I◀◀ /▶▶I 6 repeatedly during playback while watching information on the display.
- You can return to the previous screen by pressing ↶ DVD MENU 16 when operating in the folder/file list displayed on the TV screen.
- You can move one page forward or backward by pressing ←/→ 6 in the folder/file list when multiple pages exist for item selection.

Listening to Sound from an Optional Component

You can listen to sound from a component connected to the AUDIO IN jack on the unit using a 3.5 mm stereo audio cord (not supplied).

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



2 **Press VOLUME – 9 to turn down the volume.**

3 **Press FUNCTION 3 repeatedly to select the AUDIO IN function.**

4 **Start playback of the connected component and press VOLUME +/– 9 to adjust the volume.**

Other Playback Operations

To change angles (only for DVD VIDEOs)

Press ANGLE/TUNER MENU 15 during playback to select the desired angle.

To display subtitles (only for DVD VIDEOs and Xvid video files)

Press SUBTITLE 22 repeatedly during playback to select the desired subtitle language.

To change the sound

Press AUDIO/SLEEP 22 repeatedly during playback to select the desired audio signal format.

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

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 use the PBC menu, press and hold SHIFT 19, then press the number buttons to select a desired item number.

■ **To play without using PBC**

Press DVD TOP MENU 21.
When turning off the PBC function, you can select a desired track by entering a track number.

To magnify the displayed picture

You can zoom in or zoom out of a displayed picture when viewing a DVD VIDEO, a VIDEO CD, an Xvid video or a JPEG image.

Press ZOOM 23 repeatedly to magnify the image.
Each time you press the button, the magnification level changes. You can scroll the displayed picture up, down, left or right at the selected magnification level by pressing ↑/↓/←/→ 6.

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

■ **When playing a DVD**

1 **Press DISPLAY 18 during playback.**
The pull-down menu appears on the top of the TV screen.

2 **Press ←/→ 6 to move the highlight to the title/chapter number area.**

3 **Press and hold SHIFT 19, then press the number buttons to enter a title/chapter number (“02” for title 2, “003” for chapter 3, for example).**

4 **Press ⊕ 8 to jump to the selected title/chapter.**

■ **When playing a CD**

1 **Press DISPLAY 18 during playback.**
The pull-down menu appears on the top of the TV screen.

2 **Press ←/→ 6 to move the highlight to the track number area.**

3 **Press and hold SHIFT 19, then press the number buttons to enter a 2-digit track number (“02” for track 2, for example).**

4 **Press ⊕ 8 to jump to the selected track.**

■ **When playing an audio file/JPEG image file/video file**

Press and hold SHIFT 19, then press the number buttons to enter a 2-digit file number (“02” for file 2, for example).

To play in programmed order

Select tracks to play in your desired order (only for CD-DA discs). A maximum of 16 tracks can be programmed.

1 **Press PROGRAM 24.**
The program menu display appears on the TV screen.

2 **Press and hold SHIFT 19, then press the number buttons to enter a 2-digit track number (“02” for track 2, for example).**

3 **Press ↓ 6 and repeat the procedure in step 2 to program additional tracks.**

4 **Press ←/↑/↓/→ 6 to select [PLAY] to start the program play.**

■ **To cancel program play**

Press ■ 4, then press ► 4. Playback changes to normal play mode.

■ **To delete the program**

Press PROGRAM 24. Then, press ↑/↓/←/→ 6 to select [CLEAR], and then ⊕ 8.

To play repeatedly

Press REPEAT 24 repeatedly to select the desired play 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/tracks/files.
- “REP OFF”: The system returns to normal playback mode.
- “SHUFFLE”: Repeatedly plays a randomly selected file from the current folder. In this mode, the same file may be played more than once.
- “REP 1”: Repeats the current track or file.
- “REP FLD”: Repeats the current folder.

Note

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

To view playing time information

Press DISPLAY 18 repeatedly during playback.
Each time you press the button, the displayed item changes. You can view information such as the elapsed playing time and the remaining time of the current track/chapter. Displayable items vary depending on the playback source.

To use the pull-down menu for various information during playback

Press DISPLAY 18 repeatedly during playback.
The pull-down menu appears on the TV screen. In addition to playing time information, you can view information such as the current repeat mode, selected audio format and subtitle language, for example. Displayable items vary depending on the playback source.

Adjusting the Sound

To generate more dynamic sound

Press BASS BOOST 25 repeatedly during playback to turn the function on or off.
The default setting is underlined.
- “BASS ON”: Generates more dynamic sound.
- “BASS OFF”: Turns off the function.

To select an equalizer setting

Press EQ 5 repeatedly during playback until the desired mode appears on the display.
The default setting is underlined.
- “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.
- “CLASSIC”: Ideal for listening to classical music and watching live concert DVDs.

Singing Along: Karaoke

You can sing along with the music by connecting microphone (not supplied).

1 **Connect an optional microphone to the MIC jack 10 on the unit.**
“MIC ON” appears on the display.

2 **Press MIC LEVEL 12.**

3 **Press ↑/↓ 6 to adjust the microphone volume.**

4 **Start playing the music and adjust the volume.**

■ **After you have finished**

Adjust the microphone volume to “MIC 0” and disconnect the microphone from the MIC jack 10.

■ **To adjust the microphone echo level**

1 **Press ECHO 12 while singing.**

2 **Press ↑/↓ 6 to adjust the echo effect.**

Note

The microphone function is only available when using the DVD/CD and USB functions.

Listening to the Radio

To preset radio stations

1 **Press FUNCTION 3 repeatedly to select “FM.”**

2 **Press and hold TUNING +/– 6 for 2 seconds until the frequency begins to change on the display.**
The system automatically scans the radio frequencies and stops when it finds a clear station.
If scanning does not stop, press ■ 4 to stop scanning, then perform manual tuning to tune to a desired station. You can perform manual tuning by pressing TUNING +/– 6 repeatedly.

When you tune to a station that provides RDS services, the station name appears on the display (European models only).

3 **Press PROGRAM 24.**
“P 01” flashes on the display.

4 **Press PRESET +/– 6 (or press and hold SHIFT 19, then press the number buttons) to select a preset number.**

5 **Press ⊕ 8 to store the station.**

6 **Repeat steps 2 through 5 to preset other stations.**
You can preset up to 20 FM stations. The preset stations are retained for about half a day even if you disconnect the power cord or if a power failure occurs.

To listen to a preset radio station

1 **Press FUNCTION 3 repeatedly to select “FM.”**

2 **Press PRESET +/– 6 (or press and hold SHIFT 19, then press the number buttons) to select a preset number.**

3 **Press VOLUME +/– 9 to adjust the volume.**

Tip

When an FM stereo program has static noise, press AUDIO/SLEEP 22 repeatedly to select “MONO.” You will lose the stereo effect, but reception will improve.

Convenient Functions

To use the sleep timer

You can set the system to turn off at a preset time so that you can fall asleep listening to music.

Press and hold SHIFT 19, then press AUDIO/SLEEP 22 repeatedly.
Each time you press the button, the minute display (the remaining time) changes by 10 minutes.
When selecting “AUTO,” the system automatically turns off after the current disc or USB device is stopped, or within 100 minutes.

■ **To cancel the sleep timer function**

Press and hold SHIFT 19, then press AUDIO/SLEEP 22 repeatedly until “OFF” appears on the display.

To use the play timer

The play timer can be set with the DVD/CD, USB, AUDIO IN and FM functions.
Make sure you have set the clock before setting the play timer.

1 **Prepare the sound source.**

2 **Hold down SHIFT 19, and then press ANGLE/TIMER MENU 15.**

3 **Press I◄◄ /►►I 6 repeatedly to select “PLAY SET,” then press ⊕ 8.**

4 **Set the time to start playback.**
Press I◄◄ /►►I 6 repeatedly to set the hour, then press ⊕ 8. Follow the same procedure to set the minutes.

5 **Follow the same procedure as in step 4 to set the time to stop playback.**

6 **Select the sound source.**
Press I◄◄ /►►I 6 repeatedly until the desired sound source appears, then press ⊕ 8.

7 **Press I/⏻ 1 to turn off the system.**
The system automatically turns on before the preset time.
If the system is on at the preset time, the play timer will not be activated. Do not operate the system from the time the system turns on until playback starts.

■ **To check the setting**

1 **Hold down SHIFT 19, and then press ANGLE/TIMER MENU 15.**

2 **Press I◄◄ /►►I 6 repeatedly to select “SELECT,” then press ⊕ 8.**

3 **Press I◄◄ /►►I 6 repeatedly to select “PLAY SEL,” then press ⊕ 8.**

■ **To cancel the timer**

Repeat the same procedure as in “To check the setting” until “OFF” appears in step 3, and then press ⊕ 8.

■ **To change the setting**

Start over from step 1 of “To use the play timer.”

Tip

The play timer setting remains until the setting is cancelled manually.

To change the brightness of the display

The brightness of the display can be selected from 2 levels.
The default setting is underlined.

Press DIMMER 14 repeatedly.
- “DIM OFF”: Bright.
- “DIM ON”: Dark.

About automatic standby function

This system is equipped with an automatic standby function. With this function, the system enters standby mode automatically after about 30 minutes if there is no operation or audio signal output.
You can turn the automatic standby function on or off. By default, the automatic standby function is turned on.

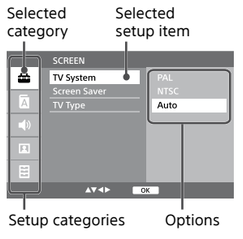
Hold down I/⏻ 1 on the unit while the system is on, until “AUTO STANDBY ON” or “AUTO STANDBY OFF” appears.

Using the Setup Menu

You can make various adjustments to menu items.
Displayable items may vary depending on the country or region.
The default setting is underlined.

1 **Press FUNCTION 3 repeatedly to select the DVD/CD or USB function.**

2 **Press SETUP 20 in stop mode.**
The setup menu appears.



3 **Press ↑/↓ 6 to select one of the setup categories, then press ⊕ 8.**

4 **Press ↑/↓ 6 to select a setup item, then press → 6 or ⊕ 8.**

5 **Press ↑/↓ 6 to select the option you want to change, and then press ⊕ 8 to confirm your selection.**

6 **Press SETUP 20 to turn off the setup menu.**

[SCREEN] settings

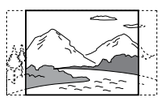
■ **[TV System]***
[PAL]: For a PAL-system TV.
[NTSC]: For an NTSC-system TV.
[Auto]: For a TV that is compatible with both PAL and NTSC.

* The default setting varies depending on the country or region.

■ **[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.

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

[4:3PS]: Displays a full-height picture on the entire screen, with trimmed sides.



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

[LANGUAGE] settings

■ **[OSD] (On-Screen Display)**
You can select the display language on the TV screen.

■ **[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.

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

[AUDIO] settings

■ **[DRC]**
Adjusts the level of dynamic range for audio output.

■ **[Karaoke Setup]**
[ECHO]: Adjusts the echo level.
[MIC VOL]: Adjusts the microphone volume level.

[VIDEO] settings

■ **[Brightness]**
Adjusts the picture brightness level.

■ **[Contrast]**
Adjusts the picture contrast level.

■ **[Hue]**
Adjusts the picture hue (color tone) level.

■ **[Saturation]**
Adjusts the picture saturation level.

■ **[Sharpness]**
Adjusts the sharpness level of the picture outline.

[PREFERENCE] settings

■ **[Rating]**
You can restrict playback of DVDs that have ratings. Scenes may be blocked or replaced with different scenes.
If you have set a password, make sure to unlock password protection by entering your password (see “[Password]”) before changing the rating level.

Press ↑/↓ 6 to select a rating level from [0 Lock ALL] to [8 No Limit], then press ⊕ 8.

■ **[Password]**
You can set a password for [Rating] and [Default] settings to avoid unwanted operation.

Enter a new 4-digit password, and then press ⊕ 8.
When you want to change the password, enter your password to unlock the input field, and then enter a new password.

If you forget your password, follow the procedure below to confirm the currently set password.

1 **Press FUNCTION 3 repeatedly to select the DVD/CD function.**

2 **Press ⏏ 7 on the unit to open the disc tray.**

3 **Press ■ 4, ZOOM 23 and ⊕ 8 in turn.**
[CUSTOM PAGE] appears, and you can confirm the currently set password.
To exit the [CUSTOM PAGE], press SETUP 20.

■ **[Default]**
You can reset all the setup menu options and your personal settings to the factory defaults.
If you have set a password, make sure to unlock password protection by entering your password (see “[Password]”) before performing reset.

Press → 6 to select [Restore], and then press ⊕ 8.

Precautions

On placement
- 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 location to a warm one, 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.
- 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.

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 loaded, and remove the 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 discs to direct sunlight or heat sources such as hot air ducts, or leave them in a car parked in direct sunlight, as the temperature may rise considerably inside the car.

On heat buildup
- Although the system heats up during operation, this is not a malfunction.
- At high volume, over long periods of time, the cabinet becomes hot. This is not a malfunction. However, touching the cabinet should be avoided.
- Place the system in a location with adequate ventilation to prevent heat buildup in the system.
- To prevent a malfunction, do not cover the ventilation openings.

Troubleshooting

If you experience any of the following difficulties while using the system, check this troubleshooting guide to try to remedy the problem before requesting repairs. Should the 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 the following items after “PROTECT” disappears.
- Are the + and – speaker cords short-circuited?
- Is anything blocking the ventilation holes of the system?

After you have checked these above items and found no problems, reconnect the power cord, and turn on the system. If the issue persists, contact your nearest Sony dealer.

Power

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

The system does not enter automatic standby mode.
- The automatic standby function is invalid for the FM function.
- The system may not enter standby mode in the following cases:
  — when an audio signal is detected.
  — when a USB device is connected.
  — during playback of audio tracks or files.
  — while the preset play timer or sleep timer is in process.

Picture

There is no picture.
- The video connecting cord is 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.
- Make sure you connect the system and your TV using the video cord (supplied) so that you can view the pictures.

Even though you set the aspect ratio in “[TV Type]” under “[SCREEN] settings,” 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 magnetic 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 away 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 System] setting does not match your TV.
Reset the setting (see “[Default]” under “[PREFERENCE] settings”).

Sound

There is no sound.
- Press VOLUME + 9 repeatedly to adjust the volume.
- Check the speaker connections.
- The system is in pause status or in slow-motion play mode. Press ► 4 to return to normal playback.

There is severe hum or noise.
- Move the system away from the source of noise.
- Connect the system to a different wall outlet.
- Install a noise filter (commercially available) on the power cord.

There is no microphone sound.
- Press VOLUME + 9 repeatedly to adjust the speaker volume.
- Press MIC LEVEL 12, then press ↑ 6 to adjust the microphone volume.
- Make sure the microphone is connected to MIC jack 10 correctly.
- Make sure the microphone is turned on.

Operation

There is severe hum or noise, or stations cannot be received when tuning to the FM station.
- Connect the antenna properly.
- Try another location and orientation for better antenna reception.
- Keep the antenna away from the speaker cords and the power cord to avoid picking up noise.
- Turn off nearby electrical equipment.

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

Files on the DATA DVD, DATA CD or USB device cannot be played.
- The system cannot play audio files with DRM (Digital Rights Management) copyright protection or files downloaded from an online music store. If you try to play one of these files, the system plays the next unprotected audio file.
- There is no playable file on the disc or USB device.

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

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.
- The disc is in resume play mode. Pressing ■ 4 once during playback makes the system resume play mode. When you want to restart playback from the beginning, press ■ 4 twice, and then press ► 4.
- Program play or shuffle play mode may have been selected. Stop playback and set the play mode to normal play.

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 power cord from the wall outlet, then reconnect after several minutes.

The USB device does not work properly.
- If you connect an unsupported USB device, the following problems may occur. Check the information on websites for compatible USB devices using the URLs listed under “Compatible USB Devices with This System.”
  — The USB device is not recognized.
  — File or folder names are not displayed on this system.
  — Playback is not possible.
  — The sound skips.
  — There is noise.
  — A distorted sound is output.

“OVER CURRENT” appears.
- A problem has been detected with the level of electrical current from the ⇜ (USB) port 11. Turn off the system and remove the USB device from the ⇜ (USB) port 11. Make sure there is no problem with the USB device. If this display pattern persists, contact your nearest Sony dealer.
- The connected USB device cannot be charged.
  — Make sure the USB device is connected securely.
  — Turn on the system if the system is in standby mode.
  — Try changing the function to the USB function. Some USB devices can be charged only when the system is set to the USB function.

Specifications

Main unit

Amplifier section

Power output (rated):
20 watts + 20 watts (8 ohms at 1 kHz, 1% THD)

Continuous RMS power output (reference):
25 watts + 25 watts (8 ohms at 1 kHz, 10% THD)

Inputs

AUDIO IN (3.5 mm stereo mini jack):
Sensitivity 1 V, impedance 50 kilohms

MIC (monaural mini jack):
Sensitivity 4 mV, impedance 10 kilohms

Outputs

VIDEO OUT:
Max. output level 1 Vp-p, unbalanced, sync negative, load impedance 75 ohms

SPEAKERS:
Accepts impedance of 8 ohms

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
Latin American models (except for Argentine model): NTSC
Other models: NTSC/PAL

USB section

⇜ (USB) port:
Type A, maximum current: 5 V, 500 mA

Tuner section

FM stereo, FM superheterodyne tuner

Tuning range:
87.5 MHz – 108.0 MHz (50 kHz step)

Antenna: FM lead antenna

Speaker

Speaker system:
Full range, 8 cm dia., cone type

Rated impedance: 8 ohms

Dimensions (W/H/D):
Approx. 148 mm × 240 mm × 127 mm

Mass: Approx. 1.3 kg net per speaker

Quantity: 2 pieces

General

Power requirements
Korean model: AC 220 V – 240 V, 50/60 Hz
Other models: AC 120 V – 240 V, 50/60 Hz

Power consumption: 23 watts

Dimensions (W/H/D, including largest protrusions) (excl. speakers):
Approx. 170 mm × 133 mm × 240 mm

Mass (excl. speakers):
Approx. 1.4 kg

Quantity of the main unit: 1 piece

Supplied accessories:
Remote Commander (1)
FM lead antenna (1)
Video cord (1)
Speaker pads (8)

Design and specifications are subject to change without notice.

- Standby power consumption: 0.5 W
- Halogenated flame retardants are not used in the certain printed wiring boards.

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