

SONY®

Home Audio System

Operating Instructions

Getting Started

Disc/USB Playback

USB Transfer

Tuner

BLUETOOTH Connection

Gesture Control

Sound Adjustment

Other Operations

Additional Information

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.

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 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.

Indoor use only.

For product with CE marking

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

CAUTION

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

For customers in Europe

CLASS 1 LASER PRODUCT
LASER KLASSE 1
LUOKAN 1 LASERLÄITE
KLASS 1 LASERAPPARAT

This product is classified Class 1 Laser product by IEC60825-1:2007 and IEC60825-1:2014.

This marking is located on the rear exterior.

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



This symbol on the product, the battery or on the packaging indicates that the product and the battery 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 products and 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. 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 and the electrical and electronic equipment will be treated properly, hand over these products 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 or battery.

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.

EU Importer: Sony Europe Limited.

Inquiries to the EU Importer or related to product compliance in Europe should be sent to the manufacturer's authorized representative, Sony Belgium, *bijkantoor van Sony Europe Limited*, Da Vincilaan 7-D1, 1935 Zaventem, Belgium.

Hereby, Sony Corporation declares that this equipment is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<http://www.compliance.sony.de/>



For this radio equipment, the following restrictions on putting into service or of requirements for authorization of use apply in BE, BG, CZ, DK, DE, EE, IE, EL, ES, FR, HR, IT, CY, LV, LT, LU, HU, MT, NL, AT, PL, PT, RO, SI, SK, FI, SE, UK, IS, LI, NO, CH, AL, BA, MK, MD, RS, ME, XK, TR: 5150 - 5350 MHz band is restricted to indoor operations only.

About Software version

This radio equipment is intended to be used with the approved version(s) of software that are indicated in the EU Declaration of Conformity. The software loaded on this radio equipment is verified to comply with the essential requirements of the Directive 2014/53/EU.

Software version: _____
DVD _____

You can check the software version by pressing **OPTIONS** on the remote control.

- 1 Press **OPTIONS**.**
- 2 Press **▲/▼** repeatedly to select "SYSTEM," then press **[+]**.**
- 3 Press **▲/▼** repeatedly to select "VERSION," then press **[+]**.
" _____ DVD _____ " appears on the display.**

This equipment has been tested and found to comply with the limits set out in the EMC regulation using a connection cable shorter than 3 meters.

This system is designed to be used for the following purposes:

- Playing back music/video sources on discs or USB devices
- Transferring music to USB devices
- Listening to radio stations
- Listening to TV sound
- Playing back music sources on BLUETOOTH devices
- Enjoying social gatherings with the "Party Chain" function

For customers in Australia and New Zealand

This equipment should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

For customers in Australia and India



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

For customers in Singapore

Complies with
IMDA Standards
DB00353

For customers in the United Arab Emirates

CLASS 1 LASER PRODUCT

This product is classified Class 1 Laser product by IEC60825-1:2007 and IEC60825-1:2014.

This marking is located on the rear exterior.

TRA
REGISTERED No:
ER58862/17
DEALER No:
DA69600/17

License and Trademark Notice

- **DVD** is a trademark of DVD Format/ Logo Licensing Corporation.
- "DVD+RW," "DVD-RW," "DVD+R," "DVD-R," "DVD VIDEO," and the "CD" logos are trademarks.
- WALKMAN® and WALKMAN® logo are registered trademarks of Sony Corporation.
- 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 is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.

- This system incorporates Dolby* Digital.
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- THIS PRODUCT IS LICENSED UNDER THE MPEG-4 VISUAL PATENT PORTFOLIO LICENSE FOR THE PERSONAL AND NON-COMMERCIAL USE OF A CONSUMER FOR
 - (i) ENCODING VIDEO IN COMPLIANCE WITH THE MPEG-4 VISUAL STANDARD (“MPEG-4 VIDEO”)

AND/OR

 - (ii) DECODING MPEG-4 VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NON-COMMERCIAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE MPEG-4 VIDEO.

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- All other trademarks are trademarks of their respective owners.
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About this manual


- This manual mainly explains operations using the remote control, but the same operations can also be performed using the buttons on the unit having the same or similar names.
- Icons, such as , listed at the top of each explanation indicate the type of media that can be used with the function being explained.
- Some illustrations are presented as conceptual drawings, and may be different from the actual products.
- The items displayed on the TV screen may vary depending on the area.
- The default setting is underlined.
- The text enclosed in bracket ([--]) appears on the TV screen, and the text enclosed in double quotation mark ("--") appears on the display.

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Unpacking

- This unit (MHC-V41D) (1)
- Remote control (1)
- R03 (size AAA) batteries (2)
- FM lead antenna (1)
- AC power cord (mains lead) (1)
- AC plug adaptor* (1) (supplied only for certain areas)

* This plug adaptor is not for the use in Chile, Paraguay and Uruguay. Use this plug adaptor in the countries where it is necessary.

Note

When unpacking the carton, be sure that two people handle the unit. Dropping the unit may cause personal injury and/or property damage.

Playable discs or files on discs/USB device

Playable discs

- DVD VIDEO
- DVD-R/DVD-RW in DVD VIDEO format or video mode
- DVD+R/DVD+RW in DVD VIDEO format
- VIDEO CD (Ver. 1.0, 1.1, and 2.0 discs)
- Super VCD
- CD-R/CD-RW/CD-ROM in VIDEO CD format or super VCD format
- AUDIO CD
- CD-R/CD-RW in AUDIO CD format

Playable files on discs

- Music:
MP3 files (.mp3)^{1), 2)}
- Video:
MPEG4 files (.mp4/.m4v)^{2), 3)}, Xvid files (.avi)

Playable files on USB device

- Music:
MP3 files (.mp3)^{1), 2)}, WMA files (.wma)²⁾, AAC files (.m4a/.mp4/.3gp)²⁾, WAV files (.wav)²⁾
- Video:
MPEG4 files (.mp4/.m4v)^{2), 3)}, Xvid files (.avi)

Note

- The discs must be in the following format:
 - CD-ROM/-R/-RW in DATA CD format that contains the MP3^{1), 2)}, MPEG4^{2), 3)} and Xvid files, and conforms to ISO 9660⁴⁾ Level 1/Level 2 or Joliet (extended format).
 - DVD-ROM/-R/-RW/+R/+RW in DATA DVD format that contains the MP3^{1), 2)}, MPEG4^{2), 3)} and Xvid files, and conforms to UDF (Universal Disk Format).
- The system will attempt to play back any data with the extensions above, even if it is not in the supported format. Playing this data may generate a loud noise which could damage your speaker system.

¹⁾ MP3 (MPEG 1 Audio Layer 3) is a standard format defined by ISO/MPEG for compressed audio data. MP3 files must be in MPEG 1 Audio Layer 3 format.

²⁾ Files with copyright protection (Digital Rights Management) cannot be played back by the system.

³⁾ MPEG4 files must be recorded in MP4 file format. Supported video codec and audio codec are as follows:

- Video codec: MPEG4 Simple Profile (AVC is not supported.)
- Audio codec: AAC-LC (HE-AAC is not supported.)

⁴⁾ A logical format of files and folders on CD-ROMs, defined by ISO (International Organization for Standardization).

Discs/files that cannot be played back

- You cannot play back the following discs
 - BDs (Blu-ray Discs)
 - CD-ROMs recorded in PHOTO CD format
 - Data part of CD-Extra or Mixed Mode CDs*
 - CD Graphics disc
 - Super Audio CDs
 - DVD Audio
 - DATA CD/DATA DVD that is created in Packet Write format
 - DVD-RAM
 - DATA CD/DATA DVD which has not been correctly finalized
 - CPRM (Content Protection for Recordable Media) compatible DVD-R/-RW recorded in Copy-Once programs
 - A disc that has a non-standard shape (e.g., heart, square, star)
 - A disc that has adhesive tape, paper, or a sticker attached to it
- You cannot play back the following files
 - The video files which is larger than 720 (width) × 576 (height) pixels.
 - The video files with a high width to length ratio.
 - A WMA file in WMA DRM, WMA Lossless, or WMA PRO format.
 - An AAC file in AAC DRM or AAC Lossless format.
 - The AAC files which is encoded at 96 kHz.
 - Files that are encrypted or protected by passwords.
 - Files with DRM (Digital Rights Management) copyright protection.
 - Some Xvid files that are longer than 2 hours.
- The MP3 PRO audio file can be played back as MP3 file.

- The system may not play back an Xvid file when the file has been combined from two or more Xvid files.

* Mixed Mode CD: This format records data on the first track and audio (AUDIO CD data) on the second and subsequent tracks of a session.

Notes on CD-R/-RW and DVD-R/-RW/+R/+RW

- In some cases, a CD-R/-RW and DVD-R/-RW/+R/+RW cannot be played back on this system due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software. For more information, refer to the operating instructions of the recording device.
- Some playback functions may not work with some DVD+Rs/+RWs, even if they have been correctly finalized. In this case, view the disc by normal playback.

Notes on discs

- This product is designed to play back discs that conform to the Compact Disc (CD) standard.
- DualDisc and some music discs encoded with copyright protection technologies do not conform to the CD standard. Therefore, these discs may not be compatible with this product.

Note on multisession disc

This system can play back continuous sessions on a disc when they are recorded in the same format as the first session. However, the playback is not guaranteed.

Note on DVD VIDEO and VIDEO CD playback operations

Some playback operations for a DVD VIDEO or VIDEO CD may be intentionally restricted by software producers. Therefore, some playback features may not be available. Be sure to read the operating instructions of the DVD VIDEO or VIDEO CD.

Notes on playable files


- Playback may take a longer time to start when:
 - a DATA CD/DATA DVD/USB device is recorded with a complicated tree structure.
 - the audio files or video files in another folder have just been played back.
- The system can play back a DATA CD/DATA DVD or a USB device in the following conditions:
 - up to a depth of 8 folders
 - up to 300 folders
 - up to 999 files in a disc
 - up to 2,000 files in a USB device
 - up to 650 files in a folderThese numbers may vary depending on the file or folder configuration.
- Folders that have no audio files or video files are skipped.
- Files transferred by a device such as a computer may not be played back in the order in which they were transferred.
- The playback order may not be applicable depending on the software used for creating the audio file or video file.
- Compatibility with all encoding/writing software of the supported formats, recording devices, and recording media cannot be guaranteed.

- Depending on the Xvid file, the picture may be unclear or the sound may skip.

Notes about USB devices

- This system is not guaranteed to operate with all USB devices.
- Although there are a variety of complex functions for USB devices, the playable contents of USB devices connected to the system are music and video contents only. For details, refer to the operating instructions of the USB device.
- When a USB device is inserted, the system reads all the files on the USB device. If there are many folders or files on the USB device, it may take a long time to finish reading the USB device.
- Do not connect the system and the USB device through a USB hub.
- With some connected USB devices, there may be a delay before an operation is performed by this system.
- The playback order for the system may differ from the playback order of the connected USB device.
- Before using a USB device, make sure that no virus-ridden files are on the USB device.

Region code

Your system has a region code and will only play back a DVD VIDEO labeled with an identical region code or .

Websites for compatible devices

Check the websites below for the latest information about compatible USB and BLUETOOTH devices.

For customers in Latin America:

<http://esupport.sony.com/LA>

For customers in Europe and Russia:

<http://www.sony.eu/support>

For customers in other countries/regions:

<http://www.sony-asia.com/support>

Compatible iPhone/iPod models

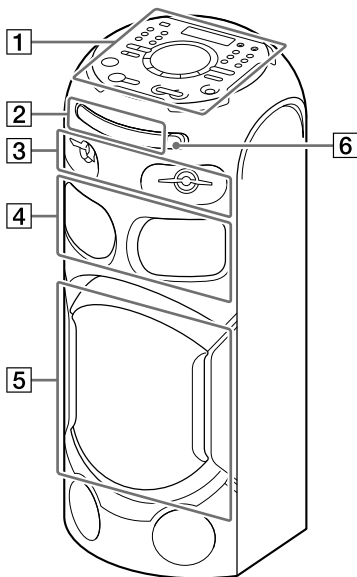
The compatible iPhone/iPod models are as follows. Update your iPhone/iPod with the latest software before using with the system.

BLUETOOTH technology works with:

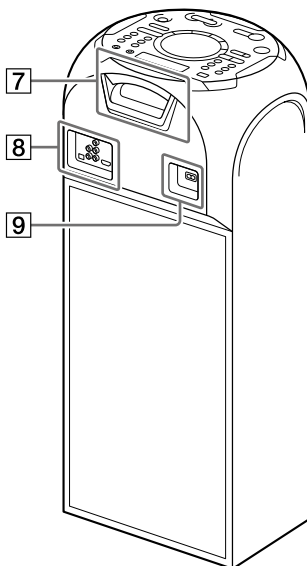
- iPhone 7 Plus
- iPhone 7
- iPhone SE
- iPhone 6s Plus
- iPhone 6s
- iPhone 6 Plus
- iPhone 6
- iPhone 5s
- iPhone 5c
- iPhone 5
- iPhone 4s
- iPod touch (6th generation)
- iPod touch (5th generation)

Guide to parts and controls

Unit (Front):



Unit (Rear):




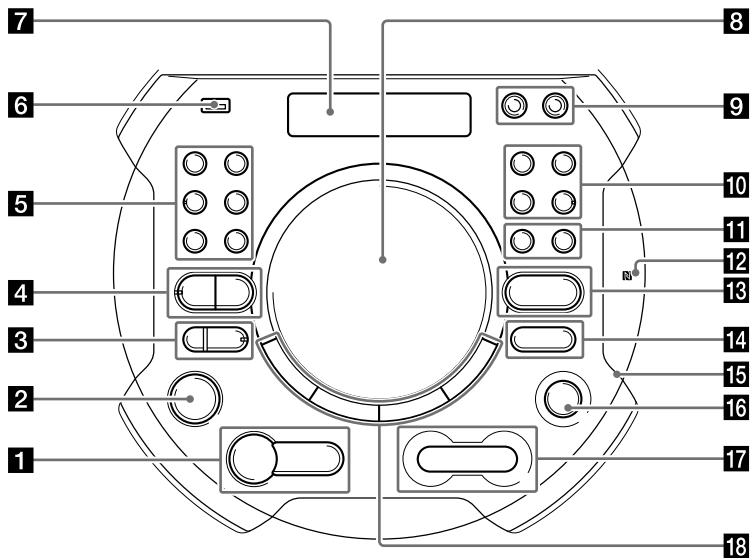
- 1 Top panel (page 14)
- 2 Disc tray (page 25)
- 3 Tweeter × 2
- 4 Midrange speaker × 2
- 5 Subwoofer × 1
(The speaker light function equipped*)
- 6 Remote control sensor (R) (page 20)

- 7 Party light* (page 61)
- 8 Connector panel (page 19)
- 9 AC IN jack (page 20)


* Do not look directly at the light-emitting parts when the speaker light and party light are turned on.

Top panel:

You can lock the buttons except  (power) on the unit to prevent them from being operated by mistake (page 67).



1 (play) button

Press to start playback.
Hold down  for more than 2 seconds, the built-in sound demonstration will be played back.

■ (stop) button

- Press to stop playback. When pressed twice, resume playback can be canceled.
- Press to stop transfer during music transfer.
- Press to stop the built-in sound demonstration.

2 (power) button

Press to turn on the system, or set it to the standby mode.

3 (call) button (page 63)

Press to receive/end a call when using the hands-free call function with your BLUETOOTH-connected mobile phone.

GESTURE ON/OFF indicator (page 48, 49, 50)

GESTURE ON/OFF button

Press to activate/deactivate gesture control.

4 **BLUETOOTH indicator**
(page 40)

BLUETOOTH button

Press to select the BLUETOOTH function.

– PAIRING button

Hold down to activate BLUETOOTH pairing during the BLUETOOTH function.

FUNCTION button

Press to select a function.

5 **PARTY LIGHT button**
(page 61)

SOUND FIELD button
(page 50)

MEGA BASS indicator

Lights up when MEGA BASS sound effect is selected.

MEGA BASS button
(page 50)

FIESTA button (page 50)

PARTY CHAIN button
(page 56)

W.PARTY CHAIN button
(page 57)

Press to turn the Wireless Party Chain function on.

6 **ψ (USB) (REC/PLAY) port**
(page 25, 36)

Use to connect a USB device. This port can be used for both playback and music transfer.

7 **Display**

8 **GESTURE CONTROL**
(page 48, 49, 50)

9 **MIC1 jack** (page 61)

Use to connect the microphone.

MIC2/GUITAR jack
(page 63)

Use to connect the microphone or guitar.

10 **VOICE CHANGER button**
(page 62)

MIC ECHO button (page 61)

VOCAL FADER button
(page 62)

GUITAR indicator

Lights up when the Guitar mode is turned on.

GUITAR button (page 63)

11 **MIC/GUITAR LEVEL +/- buttons** (page 61, 63)

12 **N (N-Mark)** (page 44)

13 **📁 (folder) +/- button**

Press to select a folder on a data disc or a USB device.

14 **VOLUME +/- button**

Press to adjust the volume.

15 **Built-in microphone**
(page 63)

16 **▲** (open/close) button
Press to open or close the disc tray.

17 **◀◀/▶▶** (go backward/go forward) button
Press to select a track or file.

TUNING +/- button
(page 39)

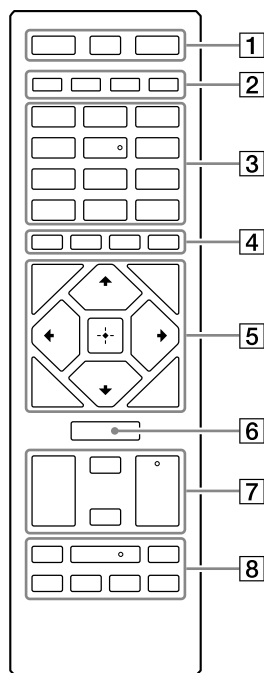
18 **PLAYBACK** button
(page 48)

DJ button (page 49)

SAMPLER button (page 49)

KARAOKE button (page 50)

Remote control:



1 **DISPLAY** button (page 20, 24, 32, 39, 41)
Press to change the information on the display.

☰ DISPLAY* button
(page 31)
Press to view or hide the on-screen display.

SLEEP button (page 66)

⏻ (power) button
Press to turn on the system, or sets it to the standby mode.

2 **PARTY LIGHT button**
(page 24, 61)

LIGHT MODE button
(page 61)

PLAY MODE button
(page 29, 37)

REPEAT/FM MODE button
(page 30, 39)

3 **MEGA BASS button**
(page 50)

Numeric (0 – 9) buttons*,**
— Press to select a track, chapter
or file with its item number.
— Press to enter numbers or
values.

REC TO USB button
(page 37)

Press to transfer music to the
USB device connected to the
ψ(USB) port.

MEDIA MODE button
(page 25)

Press to select the media to be
played back on a data disc or
USB device.

SUBTITLE button (page 27)

AUDIO button (page 28,
32)**

ANGLE button (page 27)

SCORE button (page 62)

VOICE CHANGER button
(page 62)

MIC LEVEL +/- buttons
(page 61)

VOCAL FADER button
(page 62)

MIC ECHO button (page 61)

4 **□ (folder) +/- buttons**
Press to select a folder on a data
disc or a USB device.

KEY CONTROL b/# buttons
(page 62)

5 **DVD TOP MENU button**
Press to display the DVD title on
the TV screen.

DVD/TUNER MENU button
(page 26, 27, 40)

RETURN button (page 26)

CLEAR* button (page 27)

OPTIONS button
Press to enter or exit options
menu.

**SETUP* button (page 24,
30, 32, 52, 75)**

↑/↓/←/→ buttons
Press to select the menu items.

⊞ button
Press to enter/confirm the
settings.

6 **FUNCTION button**

Press to select a function.

7 **SOUND FIELD +/- button**
(page 50)

SEARCH button
(page 26)

SHIFT button

Hold down to activate the buttons printed in pink.

⏪ (volume) +/- button**

Press to adjust the volume.

8 **⏮/⏭ (fast reverse/fast forward) buttons** (page 26)

⏪/⏩ (slow back/slow forward) buttons (page 26)

TUNING +/- buttons
(page 39)

▶ (play) button**

Press to start playback.

⏮/⏭ (go backward/go forward) buttons (page 25)

Press to select a track or file.

PRESET +/- buttons
(page 40)

⏸ (pause) button

Press to pause playback. To resume playback, press ▶.

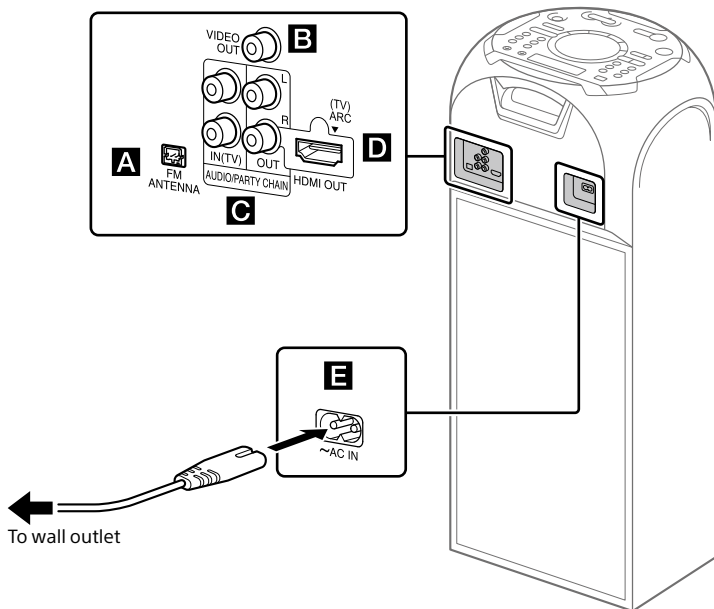
■ (stop) button

- Press to stop playback. When pressed twice, resume playback can be canceled.
- Press to stop transfer during music transfer.
- Press to stop the built-in sound demonstration.

* This button is printed in pink. To use this button, hold down SHIFT (⇧) button and press this button.

** The numeric button 5/AUDIO, ⏪+ and ▶ buttons have a tactile dot. Use the tactile dot as a reference when operating the system.

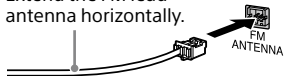
Hooking up the system securely



A FM ANTENNA terminal

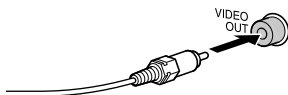
Find a location and an orientation that provide good reception when you set up the antennas. Keep the antenna away from the AC power cord (mains lead) and the USB cable to avoid picking up noise.

Extend the FM lead antenna horizontally.



B VIDEO OUT jack

Use a video cable (not supplied) to connect to the video input jack of a TV or projector (page 21).



Note

Do not connect this system to the TV through the video deck.

C Audio input and output jacks

Use an audio cable (not supplied) to make either connection as follows:

- **AUDIO/PARTY CHAIN OUT L/R jacks**

- Connect to the audio input jacks of an optional equipment.
- Connect to another audio system to enjoy the Wired Party Chain function (page 54).

- **AUDIO/PARTY CHAIN IN (TV) L/R jacks**


- Connect to the audio output jacks of a TV or an audio/video equipment. The sound is output through this system.
- Connect to another audio system to enjoy the Wired Party Chain function (page 54).

D HDMI OUT (TV) ARC jack

Use an HDMI cable (not supplied) to connect to the HDMI IN jack of a TV (page 21).

E AC IN jack

Connect the AC power cord (mains lead) (supplied) to the unit, then to the wall outlet. The demonstration starts automatically.

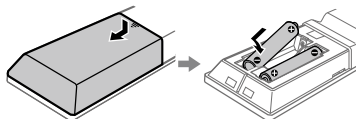
If you press  to turn on the system, the demonstration ends.

Deactivating the demonstration

To deactivate the demonstration while the system is turned off, press DISPLAY repeatedly to select the no display mode (Power Saving mode) (page 24).

Inserting batteries

Insert the two supplied R03 (size AAA) batteries, matching the polarities shown below.

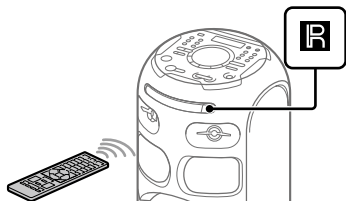


Note

- Do not mix an old battery with a new one or mix different types of batteries.
- If you do not use the remote control for a long period of time, remove the batteries to avoid damage from battery leakage and corrosion.

To operate the unit using the remote control

Point the remote control at the unit's remote control sensor.

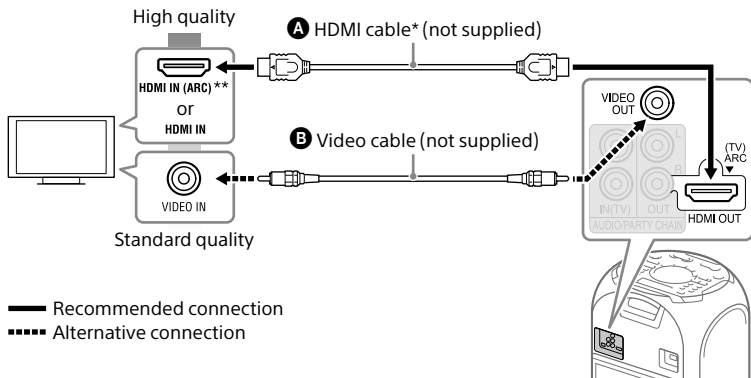


Connecting the TV

Before connecting cables, be sure to disconnect the AC power cord (mains lead).

To watch video

Select the connection methods according to the jacks on your TV.

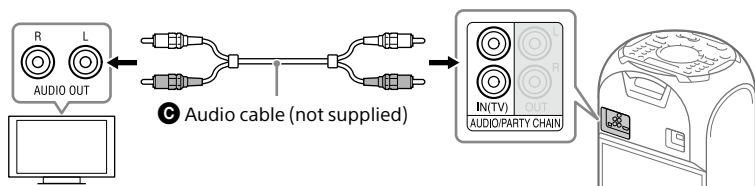


* High Speed HDMI Cable with Ethernet

** You can listen to TV sound via the system if you connect the system to the TV's HDMI IN (ARC) jack. The Audio Return Channel (ARC) function enables the TV to output sound through the system with an HDMI connection, without performing an audio connection (connection **C**) (page 22). To set the Audio Return Channel (ARC) function on this system, see [AUDIO RETURN CHANNEL] (page 36). To check the compatibility of your TV's Audio Return Channel (ARC) function, refer to the operating instructions supplied with your TV.

To listen to TV sound via the system

If you do not connect the system to the TV's HDMI IN (ARC) jack, make this connection.



To listen to TV sound, press FUNCTION repeatedly to select "TV."

Hint

- You can also enjoy the sound of external equipment (DVD players, etc.) via the system by connecting to the AUDIO/PARTY CHAIN IN (TV) jack as connection **c** above. For details, refer to the operating instructions of your equipment.
- If the audio output level from the system is low when connecting the external equipment, try adjusting the audio output settings on the connected equipment. It may improve the audio output level. For details, refer to the operating instructions of your equipment.

If "CODE 01" and "SGNL ERR" appear on the display of the unit

When the audio input signals to the system are other than 2-channel Linear PCM signals, the messages "CODE 01" and "SGNL ERR" (indicate that the input audio signals are unsupported) appear on the display of the unit.

In this case, select the proper audio output mode on the TV in order to output 2-channel Linear PCM audio signals. For details, refer to the operating instructions of your TV.

Changing the color system

(Except for Latin American, European, and Russian models)

Set the color system to PAL or NTSC depending on the color system of your TV.

Each time you perform the procedure below, the color system changes as follows:

NTSC ↔ PAL

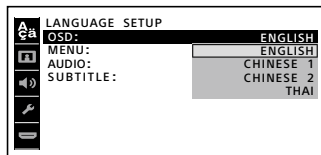
Use the buttons on the unit to perform this operation.

- 1 Press **⏻** to turn on the system.
- 2 Press **FUNCTION** repeatedly to select "DVD/CD."
- 3 Hold down **MEGA BASS** and **MIC ECHO** for more than 3 seconds.
"NTSC" or "PAL" appears on the display.

Performing the quick setup

Before using the system, you can make the minimum basic adjustments in the quick setup.

- 1 Turn on your TV and select the input according to the connection.
- 2 Press **⏻** to turn on the system.
- 3 Press **FUNCTION** repeatedly to select "DVD/CD."
The guide message [Press ENTER to run QUICK SETUP.] appears at the bottom of the TV screen.
- 4 Press **+** without loading a disc.
[LANGUAGE SETUP] appears on the TV screen. Displayed items may vary depending on country or region.



- 5 Press **↔/↔** repeatedly to select a language, then press **+**.
[VIDEO SETUP] appears on the TV screen.
- 6 Press **↔/↔** repeatedly to select the setting that matches your TV type, then press **+**.
After [QUICK SETUP is complete.] appears on the TV screen, the system is ready for playback.

To change the setting manually

See "Using the Setup Menu"
(page 32).

To quit the quick setup

Hold down SHIFT and press SETUP.

Note

The guide message appears when you turn on the system for the first time or after performing [RESET] (see "Returning the setup menu settings to the default") (page 76).

Changing the display mode

Press DISPLAY repeatedly while the system is turned off.

Each time you press the button, the display mode changes as follows.

Demonstration

The messages about the main features of this system scrolls across the display and the illumination turns on.

To turn off the illumination, press PARTY LIGHT.

No display (Power Saving mode)

The display is turned off to conserve power.

Disc/USB Playback

Before using the USB device

For compatible USB devices, see “Websites for compatible devices” (page 12).

(You can use your Apple devices with this system via BLUETOOTH connection only.)

Basic playback

DVD-V VIDEO CD CD DATA CD DATA DVD USB

1 Press **FUNCTION** repeatedly to select “DVD/CD” or “USB.”

2 Prepare the playback source.

For DVD/CD function:

Press **▲** on the unit to open the disc tray and load a disc with the label facing up on the disc tray.



When you play back an 8 cm disc such as a CD single, place it on the inner circle of the tray.

Press **▲** on the unit again to close the disc tray.

Do not forcibly push the disc tray to close it as this may cause a malfunction.

For USB function:

Connect a USB device to the **ψ** (USB) port.

Note

You can use a USB adaptor (not supplied) to connect the USB device to the unit if the USB device cannot be plugged into the **ψ** (USB) port.

3 (**DATA CD** **DATA DVD** **USB** only)
Press **MEDIA MODE** repeatedly to select the media type (**[MUSIC]/[VIDEO]**) you want.

4 Press **▶** to start playback.

Other operations

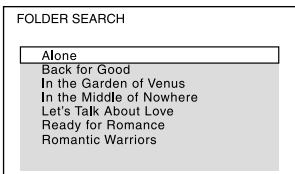
To	Do this
Stop playback	Press ■ .
Pause playback	Press ⏸ .
Resume playback or return to normal playback	Press ▶ .
Cancel the resume point	Press ■ twice.
Select a track, file, chapter or scene	Press ⏮ or ⏭ during playback. Or, hold down SHIFT and press the numeric buttons, then press + . (Operation might be prohibited by disc or USB device.)

To use the gesture control during playback

See “Using gesture control during playback” (page 48).

To play from a specific file

- 1 Press **MEDIA MODE** repeatedly to select **[MUSIC]** or **[VIDEO]**.
- 2 Press **SEARCH** to display the folder list.



- 3 Press **▲/▼** repeatedly to select the folder you want.
- 4 Press **[+]** to display the file list.



- 5 Press **▲/▼** repeatedly to select the file you want, then press **[+]**.

Other playback operations

DVD-V **VIDEO CD** **C D** **DATA CD** **DATA DVD** **USB**

Depending on the type of disc or file, the function may not work.

To	Do this
View DVD menu	Press DVD/TUNER MENU.
View folder list or file list	Press SEARCH . Press SEARCH again to turn off the folder list or file list.

To	Do this
Return to folder list when in file list	Press RETURN .
Locate a point quickly in fast forward or fast reverse (Lock Search)	Press ◀◀ or ▶▶ during playback. Each time you press ◀◀ or ▶▶ , the playback speed changes.
Watch frame by frame (Slow-motion Play)	Press , then press ◀◀ or ▶▶ . Each time you press ◀◀ or ▶▶ , the playback speed changes.

Searching a specific track



Hold down **SHIFT** and press the numeric buttons to select the track you want to play back, then press **[+]**.

To search using the SEARCH button

- 1 Press **SEARCH** to display the track list.
- 2 Press **▲/▼** repeatedly to select the track you want to play back, then press **[+]**.

Searching a specific title/ chapter/scene/track/index

DVD-V VIDEO CD

- 1 Press **SEARCH** repeatedly during playback to select the search mode.
- 2 Hold down **SHIFT** and press the numeric buttons to enter the title, chapter, scene, track, or index number you want, then press **[+]**.

Playback starts.

Note

- For VIDEO CD with PBC playback, press **SEARCH** to search the scene.
- For VIDEO CD without PBC playback, press **SEARCH** to search the track and index.

To search for a particular point using the time code

DVD-V

- 1 Press **SEARCH** repeatedly during playback to select the time search mode.
- 2 Hold down **SHIFT** and press the numeric buttons to enter the time code, then press **[+]**.

Example: To find a scene at 2 hours, 10 minutes, and 20 seconds after the beginning, hold down **SHIFT** and press 2, 1, 0, 2, 0 ([2:10:20]).

If you make a mistake, hold down **SHIFT** and press **CLEAR** to cancel the number.

To search using the DVD menu

DVD-V

- 1 Press **DVD/TUNER MENU**.
- 2 Press **↑/↓/←/→**, or hold down **SHIFT** and press the numeric buttons, to select the title or item you want to play back, then press **[+]**.

Changing the camera angles

DVD-V

Press **ANGLE** repeatedly during playback to select the camera angle you want.

Selecting the subtitle setting

DVD-V

Press **SUBTITLE** repeatedly during playback to select the subtitle language you want or turn off the subtitle.

Changing the language/sound

DVD-V VIDEO CD C D DATA CD DATA DVD USB

Press **AUDIO** repeatedly during playback to select the audio format or mode you want.

DVD VIDEO

You can select audio format or language when the source contains multiple audio formats or multilingual audio.

When 4 digits are displayed, they indicate a language code. See “Language code list” (page 83) to confirm which language the code represents. When the same language is displayed two or more times, the DVD VIDEO is recorded in multiple audio formats.

VIDEO CD/AUDIO CD/audio file

You can change the sound output.

- [STEREO]: The standard stereo sound.
- [1/L]/[2/R]: The monaural sound of the left or right channel.

SUPER VIDEO CD

- [1:STEREO]: The stereo sound of audio track 1.
- [1:1/L]/[1:2/R]: The monaural sound of the left or right channel of audio track 1.
- [2:STEREO]: The stereo sound of audio track 2.
- [2:1/L]/[2:2/R]: The monaural sound of the left or right channel of audio track 2.

Playing a VIDEO CD with PBC functions

VIDEO CD

You can use the PBC (Playback Control) menu to enjoy the interactive features of VIDEO CD (VIDEO CD Version 2.0 and Super VCD).

1 Press **▶** to play a VIDEO CD with PBC functions.

The PBC menu appears on the TV screen.

2 Hold down **SHIFT** and press the numeric buttons to select the item number you want, then press **[+]**.

3 Continue playback according to the instructions on the menu.

Note

PBC playback is canceled when Repeat Play is activated.

To cancel PBC playback

1 Press **◀◀** or **▶▶**, or hold down **SHIFT** and press the numeric buttons, to select a track when playback is stopped.

2 Press **▶** or **[+]**.

Playback starts from the selected track.

To return to PBC playback

Press **■** twice, then press **▶**.

Multi-disc resume play

DVD-V VIDEO CD

This system can store playback resume points for up to 6 discs and resumes playback when you insert the same disc again. If you store a playback resume point for the 7th disc, the resume point for the first disc will be deleted.

To activate this function, set [MULTI-DISC RESUME] in [SYSTEM SETUP] to [ON] (page 35).

Note

To play back from the beginning of the disc, press ■ twice, then press ►.

Using the play mode

Playing in sequential order (Normal Play)

C D DATA CD DATA DVD USB

When playback is stopped, press **PLAY MODE** repeatedly.

■ When playing a disc

- [DISC]: plays the disc.
- [FOLDER]*: plays all playable files in the specified folder on the disc.

* Cannot be selected for AUDIO CD.

■ When playing a USB device

- [ONE USB DEVICE]: plays the USB device.
- [FOLDER]: plays all playable files in the specified folder on the USB device.

Note

- "FLDR" and "SHUF" light off on the display when Normal Play is set to [DISC] or [ONE USB DEVICE].
- "FLDR" lights up on the display when Normal Play is set to [FOLDER].

Playing in random order (Shuffle Play)

C D DATA CD DATA DVD USB

When playback is stopped, press **PLAY MODE** repeatedly.

■ When playing a disc

- [DISC (SHUFFLE)]: shuffles all audio files on the disc.
- [FOLDER (SHUFFLE)*]: shuffles all audio files in the specified folder on the disc.

* Cannot be selected for AUDIO CD.

■ When playing a USB device

- [ONE USB DEVICE (SHUFFLE)]: shuffles all audio files on the USB device.
- [FOLDER (SHUFFLE)]: shuffles all audio files in the specified folder on the USB device.

Note

- "SHUF" lights up on the display when Shuffle Play is set to [DISC (SHUFFLE)] or [ONE USB DEVICE (SHUFFLE)].
- "FLDR" and "SHUF" lights up on the display when Shuffle Play is set to [FOLDER (SHUFFLE)].
- Shuffle Play cannot be performed for video files.
- Shuffle Play is canceled when you:
 - open the disc tray.
 - perform Synchronized Transfer.
 - change the Media mode.
- Shuffle Play may be canceled when you select a folder or a track to play back.

Playing repeatedly (Repeat Play)

DVD-V VIDEO CD C D DATA CD DATA DVD USA

Press REPEAT/FM MODE repeatedly.



Depending on the type of disc or file, some settings may not be available.

- [OFF]: does not play back repeatedly.
- [ALL]: repeats all tracks or files in the selected play mode.
- [DISC]: repeats all contents (DVD VIDEO and VIDEO CD only).
- [TITLE]: repeats the current title (DVD VIDEO only).
- [CHAPTER]: repeats the current chapter (DVD VIDEO only).
- [TRACK]: repeats the current track.
- [FILE]: repeats the current video file.

To cancel Repeat Play

Press REPEAT/FM MODE repeatedly to select [OFF].

Note

- “” lights up on the display when Repeat Play is set to [ALL] or [DISC].
- “” lights up on the display when Repeat Play is set to [TITLE], [CHAPTER], [TRACK] or [FILE].
- You cannot perform Repeat Play with VIDEO CD during PBC playback.
- Depending on the DVD VIDEO, you cannot perform Repeat Play.
- Repeat Play is canceled when you
 - open the disc tray.
 - turn off the system (DVD VIDEO and VIDEO CD only).
 - change the function (DVD VIDEO and VIDEO CD only).
 - perform Synchronized Transfer.
 - change the Media mode.

Restricting playback of the disc (Parental Control)


DVD-V


You can restrict playback of DVD VIDEOS according to a predetermined level. Scenes may be skipped or replaced with different scenes.


1 When playback is stopped, hold down SHIFT and press SETUP.

2 Press \uparrow/\downarrow repeatedly to select [SYSTEM SETUP] and press .

3 Press \uparrow/\downarrow repeatedly to select [PARENTAL CONTROL], then press .

4 Hold down SHIFT and press the numeric buttons to enter or re-enter your 4-digit password, then press .

5 Press \uparrow/\downarrow repeatedly to select [STANDARD], then press .

6 Press \uparrow/\downarrow repeatedly to select a geographic area as the playback limitation level, then press .

The area is selected.

When you select [OTHERS \rightarrow], enter the area code for the geographic area you want according to the “Parental Control area code list” (page 84) by holding down SHIFT and press the numeric buttons.

7 Press \uparrow/\downarrow repeatedly to select [LEVEL], then press .

Note

- Depending on the source being played,
 - some information may not be displayed.
 - some characters cannot be displayed.
- Depending on the play mode, the information displayed may be different.

To display the audio format information in DVD VIDEOS and video files

Press AUDIO repeatedly during playback.

Information on the display**Press DISPLAY repeatedly when the system is turned on.**

You can view the information as follows:

- playing time/remaining time of track, title, chapter
- scene number
- file name, folder name
- title, artist and album information

Note

- The disc name or track name may not be displayed depending on the characters.
- Playing time of audio files and video files may not be displayed correctly.
- The elapsed playing time for an audio file encoded using a VBR (variable bit rate) is not displayed correctly.

Using the Setup Menu

You can make various adjustments to items such as picture and sound. Displayed items vary depending on the country or region.

Note

Playback settings stored in the disc take priority over the setup menu settings. Therefore, some of the setup menu settings may not be performed.

1 When playback is stopped in the DVD/CD or USB function, hold down SHIFT and press SETUP.

The setup menu appears on the TV screen.

2 Press \uparrow/\downarrow repeatedly to select [LANGUAGE SETUP], [VIDEO SETUP], [AUDIO SETUP], [SYSTEM SETUP] or [HDMI SETUP], then press \square .**3 Press \uparrow/\downarrow repeatedly to select the item you want, then press \square .****4 Press \uparrow/\downarrow repeatedly to select the setting you want, then press \square .**

The setting is selected and setup is completed.

To exit the menu

Hold down SHIFT and press SETUP.



Setting the language – [LANGUAGE SETUP]

[OSD]

Sets the language of the on-screen display.

[MENU]

DVD-V

Sets the language for the DVD menu.

[AUDIO]

DVD-V

Switches the language of the sound track.

When you select [ORIGINAL], the language given priority in the disc is selected.

[SUBTITLE]

DVD-V

Switches the language of the subtitle recorded in the DVD VIDEO. When you select [AUDIO FOLLOW], the language for the subtitles changes according to the language you selected for the sound track.

Note

If you select [OTHERS→] in [MENU], [AUDIO], and [SUBTITLE], enter a language code from the "Language code list" (page 83) using the numeric buttons.



Setting the TV screen – [VIDEO SETUP]

[TV TYPE]

DVD-V

[16:9]: Selects this when you connect a wide-screen TV or a TV with a wide-mode function.



[4:3 LETTER BOX]: Selects this when you connect a 4:3 screen TV that does not have a wide-mode function. This setting displays a wide picture with black bands on the top and bottom.



[4:3 PAN SCAN]: Selects this when you connect a 4:3 screen TV that does not have a wide-mode function. This setting displays a full-height picture on the entire screen, with trimmed sides.



[4:3 OUTPUT]

DVD-V

[FULL]: Selects this when you connect a TV with a wide-mode function. Displays a 4:3 screen picture in 16:9 aspect ratio even on a wide-screen TV.

[NORMAL]: Changes the picture size to fit the screen size with the original picture aspect ratio. This setting displays black bands on the left and right side if you display a 4:3 screen picture.



[COLOR SYSTEM(VIDEO CD)]

(Except for Latin American, European, and Russian models)

VIDEO CD

Sets the color system (PAL or NTSC).

[AUTO]: Outputs the video signal according to the color system of the disc. Select this setting if your TV uses a DUAL system.

[PAL]: Changes the video signal of an NTSC disc and output it in PAL system.

[NTSC]: Changes the video signal of a PAL disc and output it in NTSC system.

For details, see "Changing the color system" (page 23).

[BLACK LEVEL]

(Latin American model only)

Selects the black level (setup level) for the video signals output from the VIDEO OUT jack.

[ON]: Sets the black level of the output signal to the standard level.

[OFF]: Lowers the standard black level. Use this when the picture becomes too white.

[PAUSE MODE]

DVD-V

[AUTO]: The picture, including subjects that move dynamically, is output with no jitter. Normally select this setting.

[FRAME]: The picture, including subjects that do not move dynamically, is output in high resolution.

Setting the audio options **- [AUDIO SETUP]**

[AUDIO DRC]

(Dynamic Range Compression)

DVD-V

Useful for watching movies at low volume late at night.

[OFF]: Off.

[STANDARD]: The dynamic range is compressed as intended by the recording engineer.

[TRACK SELECTION]

DVD-V

Gives priority to the sound track which contains the highest number of channels when you play back a DVD VIDEO on which multiple audio formats (PCM, MPEG audio, or Dolby Digital) are recorded.

[OFF]: No priority given.

[AUTO]: Priority given.

[A/V SYNC]

DVD-V

VIDEO CD

DATRA CD

DATRA DVD

(Video files only)

[OFF]: Does not adjust.

[ON]: Adjusts the delay between picture and sound when the sound does not synchronize with the displayed picture.

[DOWNMIX]

DVD-V

Selects the audio output signal for playing a multi-channel audio.

[NORMAL]: Outputs multi-channel audio into a 2-channel stereo signal.

[DOLBY SURROUND]: Outputs multi-channel audio into a 2-channel surround signal.

Note

This function only works for the HDMI OUT (TV) ARC jack.



Setting the system
– [SYSTEM SETUP]

[SCREEN SAVER]

The screen saver will help prevent your display device from becoming damaged (ghosting). Press \triangleleft +/- to exit the screen saver.

[ON]: The screen saver image appears if you do not operate the system for about 15 minutes.

[OFF]: Turns off the function. The screen saver image does not appear.

[BACKGROUND]

Selects the background color or picture to be displayed on the TV screen.

[JACKET PICTURE]: The jacket picture (still picture) recorded on the disc appears in the background.

[GRAPHICS]: A preset picture stored in the system appears in the background.

[BLUE]: The background color is blue.

[BLACK]: The background color is black.

[PARENTAL CONTROL]

Sets the playback restrictions. For details, see "Restricting playback of the disc (Parental Control)" (page 30).

[MULTI-DISC RESUME]

DVD-V VIDEO CD

[ON]: Stores the resume playback point in the memory for up to 6 discs.

[OFF]: Playback starts at the resume playback point only for the current disc in the system.

[RESET]

Returns the setup menu settings to the default settings. For details, see "Returning the setup menu settings to the default" (page 76).



Setting the HDMI options
– [HDMI SETUP]

[HDMI RESOLUTION]

Selects the TV output resolution when the TV is connected via HDMI cable.

[AUTO(1920×1080p)]: Outputs video signals according to the resolution of the TV.

[1920×1080i]/[1280×720p]/[720×480p]*/[720×480/576p]:** Outputs video signals according to the selected resolution setting.

* For Latin American models only.

** For other models.

[YCbCr/RGB(HDMI)]

[YCbCr]: Outputs YCbCr video signals.

[RGB]: Outputs RGB video signals.

[AUDIO(HDMI)]

[AUTO]: Outputs audio signals in original format from HDMI OUT (TV) ARC jack.

[PCM]: Outputs 2-channel Linear PCM signals from HDMI OUT (TV) ARC jack.

[CONTROL FOR HDMI]

[ON]: The Control for HDMI function is enabled. You can operate mutually between system and TV connected with an HDMI cable.

[OFF]: Off.

[AUDIO RETURN CHANNEL]

Set this function when the system is connected to a TV's HDMI IN jack that is compatible with the Audio Return Channel (ARC) function. This function is available when you set [CONTROL FOR HDMI] to [ON].

[ON]: You can listen to TV sound from the speakers of the system.

[OFF]: Off.

[STANDBY LINKED TO TV]

This function is available when you set [CONTROL FOR HDMI] to [ON].

[AUTO]: When you turn off the TV, the system turns off automatically under the following conditions:

- while playing video in the DVD/CD or USB function.
- when audio playback is stopped in the DVD/CD or USB function.
- when the TV function is selected.

[ON]: The system turns off automatically when you turn off the TV regardless of the function.

[OFF]: The system does not turn off when you turn off the TV.


USB Transfer

Before using the USB device

For compatible USB devices, see "Websites for compatible devices" (page 12).

(You can use your Apple devices with this system via BLUETOOTH connection only.)

Transferring music

You can transfer music from a disc (AUDIO CD or MP3 disc only) to a USB device connected to the  (USB) port.

The audio format of files transferred by this system is MP3.

Note

- Do not remove the USB device during transfer or erase operations. Doing so may corrupt the data on the USB device or damage the USB device itself.
- MP3 files are transferred with the same bit rate as the original files.
- When transferring from AUDIO CD, you may select the bit rate before transferring.
- USB transfer and erase operations are prohibited when the disc tray is opened.

Note on copyright-protected content

The transferred music is limited to private use only. Use of the music beyond this limit requires permission of the copyright holders.

To select the bit rate

You can select a higher bit rate to transfer music with better quality.

1 Press **OPTIONS**.

The options menu appears on the display.

2 Press **▲/▼** repeatedly to select "BIT RATE," then press **[+]**.

3 Press **▲/▼** repeatedly to select the bit rate you want, then press **[+]**.

- "128 KBPS": encoded MP3 files have smaller file size and lower audio quality.
- "256 KBPS": encoded MP3 files have bigger file size but higher audio quality.

To exit the options menu, press **OPTIONS**.

Transferring music from a disc

You can transfer music to a USB device connected to Ψ (USB) port as follows:

- Synchronized Transfer: transfers all tracks or MP3 files from a disc to USB.
- REC1 Transfer: transfers a single track or MP3 file during playback.

1 Connect a transferable USB device to the Ψ (USB) port.

Note

You can use a USB adaptor (not supplied) to connect the USB device to the unit if the USB device cannot be plugged into the Ψ (USB) port.

2 Press **FUNCTION** repeatedly to select "DVD/CD," then load a disc.

3 Prepare the sound source.

Synchronized Transfer:

If the system starts playback automatically, press **■** twice to stop the playback fully.

When playback is stopped, press **PLAY MODE** repeatedly to select the play mode you want.

Note

If you start transferring in Shuffle Play or Repeat Play, the selected play mode changes to Normal Play automatically.

REC1 Transfer:

Select the track or MP3 file you want to transfer, then start playback.

4 Press **REC TO USB**.

"PUSH ENTER" appears on the display.

5 Press **[+]**.

The transfer starts, then "DO NOT REMOVE" appears on the display. Do not remove the USB device until the transfer is complete. When the transfer is complete, the system performs as follows:

Synchronized Transfer:

The disc stops automatically.

REC1 Transfer:

The disc continues to play the next track or file.

To stop transfer

Press **■**.

Notes on transfer

- You cannot transfer MP3 files on a UDF (Universal Disk Format) formatted disc to the USB device.
- While transferring, no sound is output.
- CD-TEXT information is not transferred to the created MP3 files.

- The transfer stops automatically if:
 - the USB device runs out of space during transfer.
 - the number of audio files or folders on the USB device reaches the limit that the system can recognize.
- If a folder or file that you are trying to transfer already exists on the USB device with the same name, a sequential number is added after the name without overwriting the original folder or file.
- You cannot perform the following operations during transfer:
 - Eject the disc.
 - Select another track or file.
 - Pause playback or find a point in the track or file.
 - Change the function.
- When transferring music to a WALKMAN® using "Media Manager for WALKMAN," be sure to transfer in MP3 format.
- When connecting a WALKMAN® to the system, be sure to connect after the display "Creating Library" or "Creating Database" on the WALKMAN® has disappeared.

Folder and file generation rules

Maximum number of MP3 files that can be generated

- 298 folders
- 650 files in a folder
- 650 files in REC1-CD or REC1-MP3 folder

These numbers may vary depending on the file or folder configuration.

When transferring to a USB device, a "MUSIC" folder is created directly below "ROOT." Folders and files are generated within this "MUSIC" folder according to the transfer method and source as follows:

Synchronized Transfer

■ When transferring all tracks from an AUDIO CD

Folder name: "CDDA0001"*
File name: "TRACK001"*

■ When transferring MP3 files from a disc

Folder name: Same as the source
File name: Same as the source

REC1 Transfer

■ When transferring a track from an AUDIO CD

Folder name: "REC1-CD"
File name: "TRACK001"*

■ When transferring an MP3 file from a disc

Folder name: "REC1-MP3"
File name: Same as the source

* Folder and file numbers are assigned serially thereafter.

Erasing audio files or folders on the USB device

- 1** Press **FUNCTION** repeatedly to select "USB."
- 2** Press **MEDIA MODE** repeatedly to select [MUSIC].
- 3** When playback is stopped, press **OPTIONS**.
The options menu appears on the display.
- 4** Press **↕/+** repeatedly to select "ERASE," then press **[+]**.
The folder list is displayed on the TV screen.

- 5** Press **↑/↓** repeatedly to select a folder, then press **[+]**.

The file list is displayed on the TV screen.

- 6** Press **↑/↓** repeatedly to select an audio file you want to erase, then press **[+]**.

If you want to erase all the audio files in the folder, select [ALL TRACKS] on the list. "FOLDER ERASE" or "TRACK ERASE" and "PUSH ENTER" appear on the display.

To cancel erase operations, press **■**.

- 7** Press **[+]**.

"COMPLETE" appears on the display.

To exit the options menu, press **■**.

Note

- You can erase the supported audio file, MP4 format file, and 3GP format file only.
- You cannot erase audio files or folders when Shuffle Play has been selected. Set the play mode to Normal Play before erasing.
- Erase operation is prohibited when the disc tray is opened.

Tuner

Listening to the radio

- 1** Press **FUNCTION** repeatedly to select "TUNER FM."

- 2** Tune to a station.

For automatic scanning:

Hold down **TUNING +/-** until the frequency begins to change on the display.

Scanning stops automatically when a station is tuned in. "ST" (for FM stereo programs only) lights up on the display.

If scanning does not stop, press **■** to stop scanning. Then, perform manual tuning (below).

For manual tuning:

Press **TUNING +/-** repeatedly to tune to the station you want.

Note

When you tune to an FM station that provides RDS services, information such as the service name or station name is provided by broadcasts. You can check the RDS information by pressing **DISPLAY** repeatedly.

Hint

To reduce static noise on a weak FM stereo station, press **REPEAT/FM MODE** repeatedly until "ST" disappears from the display. You will lose the stereo effect, but reception will improve.

Presetting radio stations

You can store up to 20 FM stations as your favorite stations.

- 1 Tune to the station you want.**
- 2 Press DVD/TUNER MENU.**
- 3 Press \uparrow/\downarrow repeatedly to select the preset number you want, then press $\boxed{+}$.**

“COMPLETE” appears on the display and the station is stored.

If another station is already assigned to the selected preset number, that station is replaced by the new one.

To listen to the preset station

Press PRESET +/- repeatedly to select the preset number you want. Alternatively, hold down SHIFT and press the numeric buttons, then press $\boxed{+}$.

BLUETOOTH Connection

About the BLUETOOTH wireless technology

BLUETOOTH wireless technology is a short-range wireless technology that enables wireless data communication between digital devices.

Supported BLUETOOTH version, profiles and codecs

For details, see “BLUETOOTH section” (page 81).

Compatible BLUETOOTH devices

For details, see “Websites for compatible devices” (page 12).

About the BLUETOOTH indicator

The BLUETOOTH indicator on the unit lights up or flashes in blue to show the BLUETOOTH status.

System status	Indicator status
BLUETOOTH standby	Flashing slowly
BLUETOOTH pairing	Flashing quickly
BLUETOOTH connection is established	Lit up

Pairing this system with a BLUETOOTH device

Pairing is an operation where BLUETOOTH devices register with each other beforehand. Once a pairing operation is performed, it does not need to be performed again.

If your device is an NFC-compatible smartphone, the manual pairing procedure is not necessary. (See “One-touch BLUETOOTH connection by NFC” (page 43).)

- 1 Place the BLUETOOTH device within 1 meter from the unit.**
- 2 Press FUNCTION repeatedly to select “BLUETOOTH.”**

Hint

- When there is no pairing information on the system (for example, when you use the BLUETOOTH function for the first time after purchase), “PAIRING” flashes on the display and the system enters the pairing mode. Proceed to Step 4.
- If the system is connected to a BLUETOOTH device, press BLUETOOTH on the unit to terminate the connection.

- 3 Hold down – PAIRING on the unit for 2 seconds or more.**
“PAIRING” flashes on the display.
- 4 Perform the pairing procedure on the BLUETOOTH device.**

For details, refer to the operating instructions of your BLUETOOTH device.

- 5 Select “MHC-V41D” on the display of the BLUETOOTH device.**

Perform this step within 5 minutes, otherwise pairing will be canceled. In this case, repeat from Step 3.

Note

If passkey is required on the BLUETOOTH device, enter “0000.” “Passkey” may be called “Passcode,” “PIN code,” “PIN number,” or “Password.”

- 6 Establish connection with the BLUETOOTH device.**

When pairing is completed and the BLUETOOTH connection is established, BLUETOOTH device name appears on the display. Depending on the BLUETOOTH device, connection may start automatically after pairing is completed.

You can check the BLUETOOTH device address by pressing DISPLAY repeatedly.

Note

- You can pair up to 8 BLUETOOTH devices. If the 9th BLUETOOTH device is paired, the oldest paired device will be deleted.
- If you want to pair with another BLUETOOTH device, repeat Steps 1 to 6.
- If the last connected BLUETOOTH device is nearby, a BLUETOOTH connection will be established automatically and the BLUETOOTH device name appears on the display.

To cancel the pairing operation

Hold down – PAIRING on the unit for 2 seconds or more until “BLUETOOTH” appears on the display.

To erase pairing information

You can erase all pairing information by resetting the system. See “Resetting the system” (page 76).

Note

After you reset the system, it may not be able to connect with your iPhone/iPod touch. In this case, delete the pairing information for the system from your iPhone/iPod touch, and then perform the pairing operation again.

Listening to music on a BLUETOOTH device

You can enjoy listening to music on the BLUETOOTH device and control the playback of the BLUETOOTH device by using the buttons on the unit or remote control.

Check the following before playing music:

- The BLUETOOTH function of the BLUETOOTH device is turned on.
- Pairing has been completed (page 41).

Once the system and the BLUETOOTH device are connected, you can control playback by pressing ►, ||, ■, ◀◀/▶▶ and ◀◀/▶▶.

1 Press BLUETOOTH on the unit to select the BLUETOOTH function.

“BLUETOOTH” appears on the display.

2 Establish connection with the BLUETOOTH device.

Press BLUETOOTH on the unit to connect to the last connected BLUETOOTH device.

Perform the BLUETOOTH connection from the BLUETOOTH device if the device is not connected.

Once the connection is established, the BLUETOOTH device name appears on the display.

3 Press ► to start playback.

Depending on the BLUETOOTH device,

- you may need to press ► twice.
- you may need to start playing an audio source on the BLUETOOTH device.

4 Adjust the volume.

Adjust the volume of the BLUETOOTH device first. If the volume level is still too low, adjust the volume level on the system.

Note

When the system is not connected to any BLUETOOTH device, the system will connect to the last connected BLUETOOTH device automatically when you press BLUETOOTH on the unit or ►.

To use the gesture control during playback

See “Using gesture control during playback” (page 48).

To terminate the BLUETOOTH connection

Press BLUETOOTH on the unit. “BLUETOOTH” appears on the display.

Note

Depending on the BLUETOOTH device, the BLUETOOTH connection may be terminated automatically when you stop playback.

Connecting this system with multiple BLUETOOTH devices (Multi-device connection)

Up to 3 BLUETOOTH devices can be connected to the system at the same time with an A2DP/AVRCP connection.

Before pairing subsequent BLUETOOTH devices, make sure that the BLUETOOTH function is selected on the system and the first BLUETOOTH device is connected to the system.

To pair with a second or third device

Repeat Steps 1 to 6 of “Pairing this system with a BLUETOOTH device” (page 41).

To switch the playback source

During playback from a connected BLUETOOTH device, launch playback on another connected BLUETOOTH device. The system will output the sound from the most recent playback device.

Note

- Operations may vary depending on the BLUETOOTH devices. A BLUETOOTH device may not be connectable depending on the combination of devices. For details, refer to the operating instructions for the devices.
- If you try to connect a 4th BLUETOOTH device, the oldest playback device will be disconnected.

- Depending on the BLUETOOTH devices, you may not be able to make three BLUETOOTH connections at the same time.
- You cannot establish a multi-device connection when using the Wireless Party Chain function, Speaker Add function or hands-free call function.

To disconnect any BLUETOOTH device from a multi-device connection

Terminate the BLUETOOTH connection on the BLUETOOTH device that you want to disconnect.

To disconnect all BLUETOOTH devices from a multi-device connection

Press BLUETOOTH on the unit.

One-touch BLUETOOTH connection by NFC

NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as smartphones and IC tags.

When you touch the system with an NFC-compatible smartphone, the system automatically:

- turns on in the BLUETOOTH function.
- completes the pairing and BLUETOOTH connection.

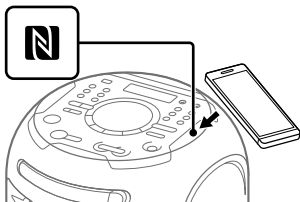
Compatible smartphones

Smartphones with a built-in NFC function (OS: Android 2.3.3 or later, excluding Android 3.x)

Note

- The system can only recognize and connect to one NFC-compatible smartphone at a time. If you try to connect another NFC-compatible smartphone to the system, the currently connected NFC-compatible smartphone will be disconnected.
- Depending on your NFC-compatible smartphone, you may need to turn on the smartphone's NFC function in advance. For details, refer to the operating instructions for the smartphone.

1 Touch the smartphone to the N-Mark on the unit until the smartphone responds to the system.



Complete the connection by following the instructions displayed on the smartphone.

When the BLUETOOTH connection is established, the name of smartphone will appear on the display.

2 Start playback of an audio source on the smartphone.

For details, refer to the operating instructions for your BLUETOOTH device.

Hint

If BLUETOOTH pairing is not successful, try the following.

- Remove the smartphone from the case if using a commercially available smartphone case.
- Touch the smartphone to the N-Mark on the unit again.

— Unlock the screen of the smartphone.

To terminate the BLUETOOTH connection

Touch the smartphone to the N-Mark on the unit again.

Setting the BLUETOOTH audio codecs

You can enable AAC, LDAC or SBC codec from BLUETOOTH device. AAC/LDAC can be selected only when the BLUETOOTH device supports AAC/LDAC.

1 Press **OPTIONS**.

The options menu appears on the display.

2 Press **↑/↓** repeatedly to select **"BT CODEC,"** then press **[+]**.

3 Press **↑/↓** repeatedly to select the setting, then press **[+]**.

- "AUTO": Enable reception in AAC or LDAC codec format depending on the BLUETOOTH device's capabilities.
- "SBC": Receive in SBC codec format.

To exit the options menu, press **OPTIONS**.

Note

- You can enjoy high quality sound if AAC or LDAC is selected. If you cannot listen to AAC or LDAC sound from your device or the sound is interrupted, select "SBC."
- If you change this setting while the system is connected to a BLUETOOTH device, the BLUETOOTH device will be disconnected. To connect to the BLUETOOTH device, perform the BLUETOOTH connection again.

Hint

LDAC is an audio coding technology developed by Sony that enables the transmission of High-Resolution (Hi-Res) Audio content, even over a BLUETOOTH connection. Unlike other BLUETOOTH compatible coding technologies such as SBC, it operates without any down-conversion of the Hi-Res Audio content*, and allows approximately three times more data** than those other technologies to be transmitted over a BLUETOOTH wireless network with unprecedented sound quality, by means of efficient coding and optimized packetization.

* Excluding DSD format contents.

** In comparison with SBC (Subband Coding) when the bitrate of 990 kbps (96/48 kHz) or 909 kbps (88.2/44.1 kHz) is selected.

Setting the BLUETOOTH standby mode

The BLUETOOTH standby mode enables the system to turn on automatically when you establish a BLUETOOTH connection.

1 Press **OPTIONS**.

The options menu appears on the display.

2 Press **▲/▼** repeatedly to select **"BT STBY,"** then press **[+]**.

3 Press **▲/▼** repeatedly to select the setting, then press **[+]**.

- "ON": The system turns on automatically even when the system is in the standby mode.
- "OFF": Turns off this function.

To exit the options menu, press **OPTIONS**.

Turning on or off the BLUETOOTH signal

You can connect to the system from a paired BLUETOOTH device in all functions when the system's BLUETOOTH signal is set to on. This setting is turned on by default. Use the buttons on the unit to perform this operation.

Hold down **MEGA BASS** and **[] +** for about **3 seconds**.

"BT ON" or "BT OFF" appears on the display.

Note

- You cannot perform the following operations if you turn off the BLUETOOTH signal:
 - Pairing and/or connecting with a BLUETOOTH device
 - Using "Sony | Music Center" via a BLUETOOTH connection
 - Changing the BLUETOOTH audio codecs
- If you touch the N-Mark on the top panel of the unit with an NFC-compatible smartphone or set the BLUETOOTH standby mode to on, the BLUETOOTH signal will turn on automatically.



Controlling the system using a smartphone or tablet (Sony | Music Center)

“Sony | Music Center” is a dedicated app for operating audio devices manufactured by Sony and compatible with “Sony | Music Center” using a smartphone or tablet. You can easily find it in Google Play or the App Store by searching “Sony | Music Center.” Search for “Sony | Music Center” on Google Play or the App Store and download it using your smartphone or tablet.

“Sony | Music Center” allows you to:

- switch between the functions of the system, control the playback of a disc/USB device, and tune in to FM stations.
- browse music content on a disc/USB device.
- view information for disc/USB devices such as playing time and title.
- adjust the volume and change sound settings.
- control multiple systems when using the Wireless Party Chain function.

1 Search for “Sony | Music Center” or scan the two-dimensional code below.



- 2 Download the “Sony | Music Center” app to your device.
- 3 Connect the system and device via a BLUETOOTH connection (page 41).
- 4 Launch “Sony | Music Center” and follow the on-screen instructions.

Note

- We recommend that you use the latest version of “Sony | Music Center.”
- If the “Sony | Music Center” application does not work properly, press BLUETOOTH on the unit to terminate the BLUETOOTH connection, and then establish the BLUETOOTH connection again so that the BLUETOOTH connection functions normally.
- Operations available via “Sony | Music Center” may differ depending on the audio device.
- For more details on “Sony | Music Center,” refer to the following URL:
<http://info.vssupport.sony.net/help/>
- The specifications and display design of “Sony | Music Center” are subject to change without notice.



Getting the party started with “Fiestable”

You can control the party features of Sony’s Home Audio System through an intuitive and stylish user interface with the “Fiestable” app. “Fiestable” allows you to control features such as DJ Effect, illumination and Karaoke. You can also enjoy the “Motion Control” function, which allows you to operate certain features of this system by shaking your BLUETOOTH device in different directions.

Even if “Fiestable” is installed, the “Fiestable” icon will not be displayed on the smartphone or tablet home screen. It is embedded in the “Sony | Music Center” app as a plug-in.

- 1 Search for and download the “Sony | Music Center” app to your device (page 46).**
- 2 Search for and download the “Fiestable” app on Google Play or the App Store using your device.**
- 3 Connect the system and device via a BLUETOOTH connection (page 41).**
- 4 Launch “Sony | Music Center” and touch the “Fiestable” icon.**

Note

For more details on “Sony | Music Center,” refer to the following URL:
<http://info.vssupport.sony.net/help/>

Achieving and sharing a Party People ranking and getting bonus features with Party King

The system has a unique feature that automatically records your system usage.

Based on your usage, the system will assign you a Party People ranking according to predefined criteria. The more frequently you use the system, the higher a ranking you will achieve.

Once you have achieved a certain Party People ranking, you can share your achievement through social media.

The system will also award your achievements with bonus features.

Note

To use this feature, make sure the “Sony | Music Center” app (page 46) and “Fiestable” app (page 47) have been installed on your device.

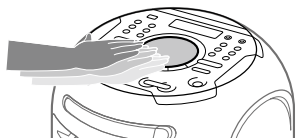
- 1 Connect the system and device via a BLUETOOTH connection (page 41).**
- 2 Launch “Sony | Music Center,” touch the “Fiestable” icon, and then follow the on-screen instructions.**

You can check your current ranking, explore bonus features and also find out how to achieve the next ranking.

Gesture Control

Enjoying gesture control

You can control operations in the **PLAYBACK**, **DJ**, **SAMPLER** and **KARAOKE** modes by swiping your hand over **GESTURE CONTROL** on the unit.



Note

Do not touch or bring your hand into contact with **GESTURE CONTROL** when you perform the swiping motion.

Swipe your hand over **GESTURE CONTROL in 6 directions as follows.**

Swiping motion	Swipe in this direction
Right to left	←
Left to right	→
Bottom to top	↑
Top to bottom	↓
Clockwise	↻
Counterclockwise	↺

To activate gesture control

Press **GESTURE ON/OFF**, and then press the mode you want (**PLAYBACK**, **DJ**, **SAMPLER**, or **KARAOKE**).

The **GESTURE ON/OFF** indicator lights up.

To deactivate gesture control

Press **GESTURE ON/OFF**.

The **GESTURE ON/OFF** indicator turns off.

Using gesture control during playback

You can use gesture control to control basic playback when playing music from a disc, USB device, or **BLUETOOTH** device.

Use the buttons and

GESTURE CONTROL on the top panel of the unit to perform the following operations.

1 Press **GESTURE ON/OFF**.

The **GESTURE ON/OFF** indicator lights up.

2 Press **PLAYBACK**.

The **PLAYBACK** mode is selected.

3 Press **FUNCTION** repeatedly to select the function you want.

4 Swipe your hand over **GESTURE CONTROL**.

To	Swipe in this direction
Go backward	←
Go forward	→
Play	↑
Stop	↓
Increase the volume	↻
Reduce the volume	↺

Creating a party atmosphere (DJ Effect)

Use the buttons and GESTURE CONTROL on the top panel of the unit to perform this operation.

1 Press GESTURE ON/OFF.

The GESTURE ON/OFF indicator lights up.

2 Press DJ or SAMPLER.

The DJ or SAMPLER mode is selected.

3 Swipe your hand over the GESTURE CONTROL.

For DJ mode:

To	Swipe in this direction
Select FLANGER ¹⁾	←
Select ISOLATOR ²⁾	→
Select WAH ³⁾	↑
Select PAN ⁴⁾	↓
Increase the level of the selected effect	↻
Reduce the level of the selected effect	↻

- Creates a deep flanging effect that is similar to the roar of a jet plane.
- Isolates a specific frequency band by adjusting the other frequency bands. For example, when you want to focus on vocals.
- Creates a special effect of "Wah-wah" sound by moving the frequency of a filter up and down automatically.
- Creates a feeling that the sound is moving around the speakers between left and right channels.

For SAMPLER mode:

To	Swipe in this direction
Output "Come On!"	←
Output "Let's Go!"	→
Output Reggae Horn sound effect	↑
Output Phaser sound effect	↓
Output Scratch sound effect	↻
Output Audience sound effect	↻

To adjust the level of the sampler sound

- Press OPTIONS.
- Press \uparrow/\downarrow repeatedly to select "SAMPLER," then press $\boxed{+}$.
- Press \uparrow/\downarrow repeatedly to adjust the level of the sampler sound, then press $\boxed{+}$.

To turn off the DJ mode

Swipe your hand over the GESTURE CONTROL in the same direction as in Step 3 above.

Note

- The DJ Effect is automatically turned off when you:
 - turn off the system.
 - switch the function.
 - deactivate gesture control.
 - change the mode to PLAYBACK/SAMPLER/KARAOKE.
 - change the sound field.
 - use the Vocal Fader.
 - change the key (Key Control).
 - establish a Wireless Party Chain.
- If you activate the DJ Effect during transferring, the sound effect will not be transferred onto the USB device.

Using gesture control during the Karaoke function

Use the buttons and **GESTURE CONTROL** on the top panel of the unit to perform this operation.

1 Press **GESTURE ON/OFF**.

The **GESTURE ON/OFF** indicator lights up.

2 Press **KARAOKE**.

The **KARAOKE** mode is activated.

3 Swipe your hand over the **GESTURE CONTROL**.

To	Swipe in this direction
Reduce the pitch of music (b)	←
Increase the pitch of music (#)	→
Increase the microphone volume	↑
Decrease the microphone volume	↓
Output hand clapping sound effect	↺
Output boeing sound effect	↻

Sound Adjustment

Adjusting the sound

To	Do this
Reinforce bass sound and create more powerful sound (MEGA BASS)	Press MEGA BASS repeatedly to select "BASS ON." The MEGA BASS indicator lights up. To cancel, press MEGA BASS repeatedly to select "BASS OFF."
Reproduce the sound effect of a party hall (Fiesta)	Press FIESTA on the unit. Alternatively, press SOUND FIELD +/- (or SOUND FIELD on the unit) repeatedly to select "FIESTA." To cancel, press FIESTA again.
Select a sound field	Press SOUND FIELD +/- (or SOUND FIELD on the unit) repeatedly to select the sound field you want. To cancel, press SOUND FIELD +/- (or SOUND FIELD on the unit) repeatedly to select "FLAT."

Selecting the Virtual Football mode

You can experience the feeling of being in the stadium when watching a football match broadcast.

Note that you can only select the Virtual Football mode during AUDIO IN and TV functions.

Press SOUND FIELD +/- repeatedly while watching a football match broadcast.

- **ON NARRATION:** You can enjoy an immersive feeling of being in a football stadium through enhanced stadium cheers.
- **OFF NARRATION:** You can enjoy a more immersive feeling of being in a football stadium by minimizing the volume level of narration in addition to the enhancement of cheers.

To cancel the Virtual Football mode

Press SOUND FIELD +/- repeatedly to select "FLAT."

Note

- We recommend that you select the Virtual Football mode when watching a football match broadcast.
- If you hear unnatural sounds in the content when "OFF NARRATION" is selected, "ON NARRATION" is recommended.
- This feature does not support monaural sound.

Creating your own sound effect

You can raise or lower the levels of specific frequency bands, then store the setting in the memory as "CUSTOM EQ."

1 Press OPTIONS.

The options menu appears on the display.

2 Press +/- repeatedly to select "CUSTOM EQ," then press .

3 Press +/- repeatedly to adjust the equalizer level or surround setting, then press .

4 Press +/- to select other frequency bands and surround effect.

To exit the options menu, press OPTIONS.

To select the custom equalizer setting

Press SOUND FIELD +/- repeatedly to select "CUSTOM EQ."

Other Operations

Using the Control for HDMI function

Connecting a TV compatible with the Control for HDMI function* by HDMI cable (High Speed HDMI Cable with Ethernet, not supplied) enables you to easily operate the device by a TV remote control.

The following functions can be used with the Control for HDMI function.

- System Power Off function
- System Audio Control function
- Audio Return Channel (ARC) function
- One-Touch Play function
- Remote Easy Control function
- Language Follow function

* Control for HDMI is a standard used by CEC (Consumer Electronics Control) for allowing HDMI (High-Definition Multimedia Interface) devices to control each other.

Note

These functions may work with devices other than those manufactured by Sony, but operation is not guaranteed.

Preparing to use the Control for HDMI function

Hold down SHIFT and press SETUP, and then set [HDMI SETUP] – [CONTROL FOR HDMI] on the system to [ON] (page 36). The default setting is [ON].
Enable the Control for HDMI function settings for the TV connected to the system.

Hint

If you enable the Control for HDMI (“BRAVIA” Sync) function when using a TV manufactured by Sony, the Control for HDMI function of the system is also enabled automatically. When settings are completed, “COMPLETE” appears on the display.

System Power Off function

When you turn off the TV, the system will turn off automatically.

Hold down SHIFT and press SETUP, and then set [HDMI SETUP] – [STANDBY LINKED TO TV] on the system to [ON] or [AUTO] (page 36). The default setting is [AUTO].

Note

The connected device may not turn off depending on the status of the device.

System Audio Control function

If you turn on the system while you are watching the TV, the TV sound will be output from the speakers of the system. The volume of the system can be adjusted using the TV’s remote control.

If the TV sound was output from the speakers of the system the previous time you watched the TV, the system will be turned on automatically when you turn on the TV again. Operations can also be made by the TV’s menu. For details, refer to the operating instructions of your TV.

Note

- The system’s volume level is displayed on the TV screen depending on the TV. It may differ from the volume level on the display.
- Depending on the settings of the TV, the System Audio Control function may not be available. For details, refer to the operating instructions of your TV.

Audio Return Channel (ARC) function

If the system is connected to a TV's HDMI IN jack compatible with the Audio Return Channel (ARC) function, you can listen to TV sound from the speakers of the system without connecting an audio cable (not supplied).

On the system, hold down SHIFT and press SETUP, and then set [HDMI SETUP] – [AUDIO RETURN CHANNEL] to [ON] (page 36). The default setting is [ON].

Note

If the TV is not compatible with the Audio Return Channel (ARC) function, an audio cable (not supplied) needs to be connected (page 22).

One-Touch Play function

When you press ► in DVD/CD or USB function, the TV is turned on automatically. The TV's input is switched to the HDMI input which the system is connected.

Note

Depending on the TV, the beginning part of content being played may not play correctly.

Remote Easy Control function

You can select the system by the SYNC MENU button on the TV remote control and operate the system.

This function can be used if the TV supports the link menu. For details, refer to the operating instructions of your TV.

Note

- In the TV's link menu, the system is recognized by the TV as "Player."
- Some operations may not be available with some TVs.

Language Follow function

When you change the language for the on-screen display of the TV, the system's on-screen display language is also changed.

Enjoying wired playback using multiple systems (Wired Party Chain function)

You can connect multiple audio systems in a chain to create a more exciting party environment and produce higher sound output.

One activated system in the chain serves as the “Party Host” and shares music. Other systems become “Party Guests” and play the same music as that being played by the “Party Host.”

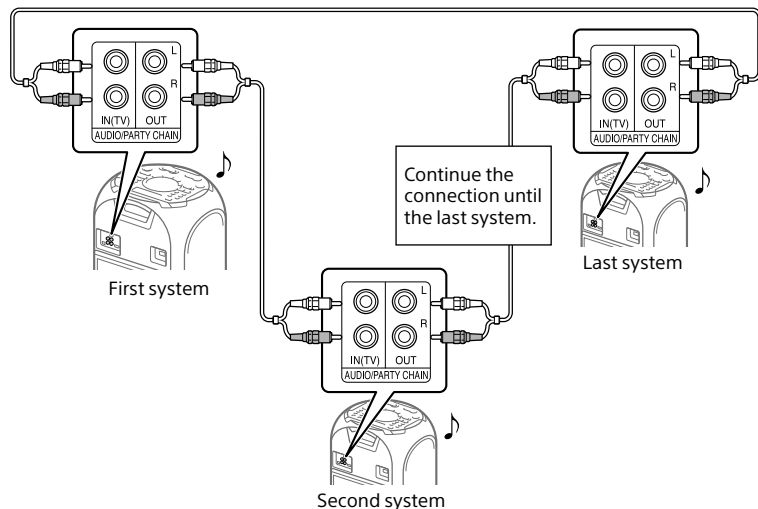
Setting up a Wired Party Chain

Set up a Wired Party Chain by connecting all the systems using audio cords (not supplied).

Before connecting the cords, be sure to turn off the systems and disconnect the AC power cords (mains leads).

A If all the systems are equipped with the Wired Party Chain function

Example: When connecting with this system as the first system

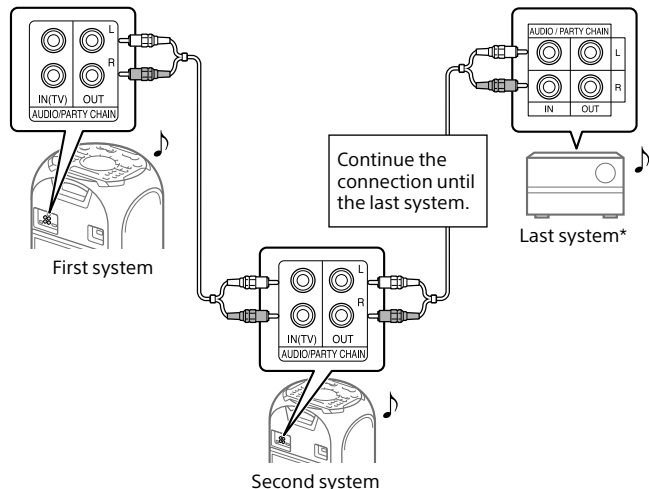


- The last system must be connected to the first system. If the last system is not connected back to the first system, the Party Host cannot be changed.
- Any system can become a Party Host. You can change the Party Host to another system in the chain. For details, see “To select a new Party Host” (page 56).

- Make sure that a function other than the AUDIO IN function is selected. When the AUDIO IN function is selected, this feature cannot be used.

B If one of the systems is not equipped with the Wired Party Chain function

Example: When connecting with this system as the first system



- * Connect the system that is not equipped with the Wired Party Chain function as the last system. Otherwise, the chain will stop at that system. Be sure to select the Audio In function on the last system.
- The last system is not connected to the first system.
- You must select the first system as the Party Host so that all the systems are playing the same music when the Wired Party Chain function is activated.

Enjoying a Wired Party Chain

Example: When using this system as the Party Host

- 1 Turn on all the systems.
- 2 Adjust the volume on each system.
- 3 Activate the **Wired Party Chain function on the system.**
 - ① Press **FUNCTION** repeatedly to select the function you want.
If you are connecting using configuration **A** (page 54), do not select the **AUDIO IN** function. If you select this function, sound cannot be output.
 - ② Start playback and then press **PARTY CHAIN** on the unit.
"PARTY CHAIN" appears on the display. The Party Host starts the Wired Party Chain, and other systems become Party Guests automatically. All systems play the same music as that being played by the Party Host.

Note

- Depending on the total number of systems you have connected, Party Guests may take some time to start playing the music.
- A Party Guest will continue playing the same music source as the Party Host even if you switch to a different function on the Party Guest. However, you can adjust the volume and change the sound effect on the Party Guest.
- Changing the volume level and sound effect on the Party Host will not affect the output of the Party Guests.
- If you use the microphone or play a guitar on the Party Host, the sound will not be output from the Party Guests.

- If one of the systems in the chain is performing a USB transfer, wait for the system to complete or stop the transfer before you activate the Wired Party Chain function.
- For details of operations on other systems, refer to the operating instructions for the systems.

To select a new Party Host

If you are connecting using configuration **A** (page 54), you can select a new Party Host. Repeat Step 3 of "Enjoying a Wired Party Chain" on the system to become the new Party Host. The current Party Host will switch to a Party Guest automatically. All systems will play the same music as that being played by the new Party Host.

Note

- You can select another system as the new Party Host only after the Wired Party Chain function has been activated on all the systems in the chain.
- If the selected system does not become the new Party Host after a few seconds, repeat Step 3 of "Enjoying a Wired Party Chain."

To deactivate the Wired Party Chain

Press **PARTY CHAIN** on the Party Host.
"LEAVE PARTY" appears on the display.

Note

If the Wired Party Chain function is not deactivated after a few seconds, press **PARTY CHAIN** on the Party Host again.

Setting a Party Chain sound mode

You can set a sound mode when the Wired Party Chain function is active.

1 Press **OPTIONS**.

The options menu appears on the display.

2 Press **▲/▼** repeatedly to select **"P. CHAIN MODE,"** and then press **+**.

3 Press **▲/▼** repeatedly to select the mode you want, and then press **+**.

- "STEREO": outputs stereo sound.
- "RIGHT CH": outputs monaural sound from the right channel.
- "LEFT CH": outputs monaural sound from the left channel.

To exit the options menu, press **OPTIONS**.

Enjoying wireless playback using multiple systems (Wireless Party Chain function)

You can connect multiple audio systems in a chain via a BLUETOOTH connection if all the systems are equipped with the Wireless Party Chain function. This function allows you to create a more exciting party environment and produce higher sound output without a cable connection. You only can use a source on the BLUETOOTH device as the source for the Wireless Party Chain.

The first system in the chain to be activated becomes the Party Host and shares music. Other systems become Party Guests and play the same music as that being played by the Party Host.

Setting up and enjoying a Wireless Party Chain

Example: When this system is set as the Party Host

1 Turn on all the systems.

2 Set the first system as the Party Host.

- ① Press **BLUETOOTH** on the unit to select the BLUETOOTH function.
- ② Connect the BLUETOOTH device to the system via a BLUETOOTH connection.

- ③ Press **W.PARTY CHAIN** on the unit.
“CHAINING” appears on the display. The system will enter the Wireless Party Chain Setup mode.
The connection to the BLUETOOTH device is terminated automatically once the system enters the Wireless Party Chain Setup mode.

3 Set the second system as a Party Guest.

- ① Press **BLUETOOTH** on the unit to select the **BLUETOOTH** function on the second system.
② Press **W.PARTY CHAIN** on the second system.

The second system will become a Party Guest.

“P.CHAIN” lights up and “GUEST XX” appears on the display. (XX is a number.)

On the display of the first system, “HOST” appears.

Note

The Wireless Party Chain function is canceled in the following situations.

- There is no operation within 1 minute after the Party Host is set in Step 2.
- **W.PARTY CHAIN** is pressed on the Party Host before Step 3 is completed.

4 Set the third or additional systems as Party Guests.

Repeat Step 3.

Note

Connect the third or additional systems within 30 seconds of connecting the previous system. “P.CHAIN” will blink on the Party Host during these 30 seconds. After 30 seconds, the system cannot be connected.

5 Wait 30 seconds after the last Party Guest is connected.

“P.CHAIN” will stop blinking on the Party Host and the BLUETOOTH device will reconnect to the Party Host.

6 Start playback on the connected BLUETOOTH device.

7 Adjust the volume on the Party Host.

The volume on the Party Guests will be adjusted accordingly.

If you want to adjust the volume on a particular Party Guest, adjust the volume on the system.

Note

- While the Wireless Party Chain function is active, you cannot select another system as a new Party Host.
- When you use the microphone or play a guitar on the Party Host, the sound is not output from the Party Guests.
- Sleep Timer and the automatic standby function do not work on the Party Guests.
- For details of operations on other systems, refer to the operating instructions for the systems.

Hint

To add new Party Guests after a Wireless Party Chain has already been established, hold down **W.PARTY CHAIN** on the Party Host and repeat the procedure from Step 3.

To deactivate the Wireless Party Chain

Press **W.PARTY CHAIN** on the Party Host.

Note

When you switch to a different function or turn off the Party Host, the Wireless Party Chain function is also deactivated.

To make a Party Guest leave the Wireless Party Chain

Press W.PARTY CHAIN on the Party Guest you want to leave. In this case, the rest of the Wireless Party Chain will remain active.

Note

When you switch to a different function or turn off a particular Party Guest, that Party Guest leaves the Wireless Party Chain connection.

Synchronization of settings in a Wireless Party Chain

When a Wireless Party Chain has been established, the following settings on the Party Host and Party Guests are changed:

- The Mega Bass settings on the Party Guests are synchronized with the Party Host.
- The Party Light settings on the Party Guests are synchronized with the Party Host.
- DJ Effect on both the Party Host and Party Guests is turned off.
- Karaoke setting (Vocal Fader, Key Control and Voice Changer) on both the Party Host and Party Guests is turned off.
- The Sound Field settings return to the defaults on both the Party Host and Party Guests.

If the settings below are changed on the Party Host, the settings on the Party Guests will change correspondingly.

- Mega Bass setting
- Party Light setting

When the volume on the Party Host is increased, the volume on the Party Guests increases as well, and vice-versa.

When the Party Host is turned off, all the Party Guests also turn off.

Listening to music wirelessly with two systems (Speaker Add function)

To use this function, two MHC-V41D systems are required.

By connecting two systems via BLUETOOTH wireless technology, you can enjoy music more dynamically. You can also select between the double mode (in which the two systems play the same sound) and the stereo mode (stereo sound) for audio output.

In the following steps, the two systems are described as "System **A**" (or "Host system") and "System **B**" (or "Guest system").

Note

- To operate this function, you need to use "Sony | Music Center" on your smartphone/iPhone. For details on "Sony | Music Center," see "Controlling the system using a smartphone or tablet (Sony | Music Center)" (page 46).
- Before using the Speaker Add function, make sure that the smartphone is already connected to System **B**. If the system is not connected, connect it to the smartphone. (See "Pairing this system with a BLUETOOTH device" (page 41).)
- Before using the Speaker Add function, switch the codec to SBC. For details, see "Setting the BLUETOOTH audio codecs" (page 44).

Setting up and enjoying the Speaker Add function

- 1 Bring the two MHC-V41D systems within 1 meter of each other.**
- 2 Press BLUETOOTH on System **A** and **B** to select the BLUETOOTH function.**

“BLUETOOTH” appears on the display.
- 3 Connect System **A** and the BLUETOOTH device via a BLUETOOTH connection (page 41).**
- 4 Launch “Sony | Music Center” and follow the on-screen instructions to set up Speaker Add for System **A** and System **B**.**

“HOST” appears on the display of the System **A**, and “GUEST” appears on the display of the System **B**.
- 5 Set the output mode using “Sony | Music Center” on your smartphone/iPhone.**
 - Double mode: outputs stereo sound from both systems.
 - Stereo mode - right: outputs right-channel monaural sound from System **A**, and left-channel monaural sound from System **B**.
 - Stereo mode - left: outputs left-channel monaural sound from System **A**, and right-channel monaural sound from System **B**.

6 Start playback on the BLUETOOTH device, and adjust the volume.

For details, see “Listening to music on a BLUETOOTH device” (page 42).

Note

If you use the microphone or play a guitar on the Host system, the sound will not be output from the Guest system.

Synchronization of settings with Speaker Add

When a Speaker Add connection has been established, the following settings on the Guest system are synchronized with those on the Host system:

- Volume setting
- Mega Bass setting
- Sound Field and Custom EQ setting
- DJ Effect setting
- Party Light and Light Mode setting

When the settings above are changed on either the Host system or the Guest system, the settings on the other system are synchronized. When the Host system is turned off, the Guest system also turns off.

Note

- If you reset one of the two systems while using the Speaker Add function, make sure to turn off the other system. If you do not turn off the other system before restarting the Speaker Add function, there may be problems making a BLUETOOTH connection or outputting sound.

- The following operations do not work on the Guest system:
 - Sleep Timer
 - Automatic standby function
 - Child Lock
 - Gesture mode
 - Vocal Fader, Key Control, and Score mode
 - Remote control

To deactivate the Speaker Add function

Follow the instructions on “Sony | Music Center.”

Hint

Unless you deactivate the function, the system will try to re-establish the most recent connection the next time you turn on the system.

Enjoying music with the party light and speaker light

You can enjoy music with the LED illumination effects on the unit.

- 1 Press PARTY LIGHT repeatedly to select “LED ON.”**
- 2 Press LIGHT MODE repeatedly to change the illumination mode.**

Hint

The illumination mode is different when Wireless Party Chain is activated.

To turn off the party light and speaker light

Press PARTY LIGHT repeatedly to select “LED OFF.”

Note

- Do not look directly at the light-emitting part when the party light is turned on.
- If the illumination is too bright, switch on the room lights or turn off the illumination.
- You can turn the party light and speaker light on or off when demonstration is turned on.

Singing along: Karaoke

Preparing for Karaoke

- 1 Press MIC LEVEL – (or MIC/GUITAR LEVEL – on the unit) repeatedly to reduce the microphone volume level.**
- 2 Press GUITAR on the unit repeatedly until GUITAR indicator turns off.**
- 3 Connect an optional microphone to MIC1 or MIC2/GUITAR jack on the unit.**
Connect another optional microphone if you want to sing in duet.
- 4 Start playing the music and adjust the microphone volume.**
- 5 Press MIC ECHO repeatedly to adjust the echo effect.**
- 6 Start singing along with the music.**

To use the gesture control during karaoke

See “Using gesture control during the Karaoke function” (page 50).

Note

- Press MIC LEVEL +/- (MIC/GUITAR LEVEL +/- on the unit) repeatedly to adjust the microphone volume level. You cannot adjust the microphone volume level using VOLUME +/- on the unit or \triangleleft +/- on the remote control.
- If howling occurs:
 - move the microphone away from the system.
 - change the direction of the microphone.
 - press MIC LEVEL - (or MIC/GUITAR LEVEL - on the unit) repeatedly.
 - press MIC ECHO repeatedly to adjust the echo level.
- Microphone sound will not be transferred to the USB device during USB transfer.
- When using the Wireless Party Chain function or Speaker Add function, sound from the microphone is only output from the system to which the microphone is connected.

Reducing the vocal sound

You can reduce the sound of the vocals in a stereo source.

Press VOCAL FADER repeatedly to select "ON V.FADER."

To cancel the Vocal Fader effect, press VOCAL FADER repeatedly to select "OFF."

Changing the key (Key Control)

Press KEY CONTROL $b/\#$ to suit your vocal range.

Activating the Karaoke scoring mode (Score mode)

You only can use the scoring function when the microphone is connected.

Your score is calculated from a scale of 0 to 99 by comparing your voice with the music source.

- 1 Start playing the music.**
- 2 Press SCORE before singing a song.**
- 3 After singing for more than a minute, press SCORE again to view your score.**

Changing your voice

You can change your voice when you talk or sing into the microphone. There are 7 different patterns.

Press VOICE CHANGER repeatedly to change the voice effect.

To turn off the effect

Press VOICE CHANGER repeatedly to select "OFF."

Enjoying sound from a guitar (Guitar mode)

You can listen to sound from a guitar by connecting the guitar to the MIC2/GUITAR jack on the unit. You can also play the guitar and sing along by connecting a microphone to the MIC1 jack on the unit.

Additionally, you can change the guitar's sound by selecting a guitar effect.

Use the buttons on the top panel of the unit to perform this operation.

- 1 Press MIC/GUITAR LEVEL – repeatedly to reduce the guitar volume level.**
- 2 Use an instrument cable (not supplied) to connect a guitar (not supplied) to MIC2/GUITAR jack.**
- 3 Press GUITAR repeatedly to select the guitar effect that you want to apply.**
 - “CLEAN”: outputs the original guitar sound. Recommended for electric guitars or electro-acoustic guitars.
 - “O.DRIVE”: outputs distorted sound similar to an overdriven guitar amplifier. Recommended for electric guitars.
 - “BASS”: outputs the original guitar sound. Recommended for bass guitars.

The GUITAR indicator lights up.

- 4 Start playing the guitar and adjust the guitar volume.**

The guitar sound is output from the system.

Note

- If the guitar sound is distorted, reduce the guitar volume level on your guitar until the distorted sound disappears. If the guitar volume level is too low, press MIC/GUITAR LEVEL + repeatedly to adjust the guitar volume.
- While playing the guitar, you can adjust the echo effect by pressing MIC ECHO repeatedly.
- Before disconnecting the guitar from the system, press MIC/GUITAR LEVEL – on the unit repeatedly to reduce the guitar volume.

To turn off the Guitar mode

Press GUITAR repeatedly until GUITAR indicator turns off.

Enjoying hands-free calls

You can enjoy hands-free calls with a BLUETOOTH mobile phone that supports HFP (Hands-free Profile) or HSP (Headset Profile).

To use this function, make sure that a BLUETOOTH connection has been established.

Use the buttons on the top panel of the unit to perform this operation.

Note

- Depending on the model of your mobile phone, the operation system or applications installed, some functions of hands-free calling may not work correctly.
- Hands-free calling will not work if you connect two or more BLUETOOTH devices to the system.


Receiving a call

1 Press when a call is incoming.

When an incoming call arrives, playback pauses and the system emits a ring tone.

The system shows the caller phone number or name on the display.

Note

If you hold down  when a call is incoming, the call will be rejected.

2 Talk into the system's built-in microphone.

3 Press to end the call.

- If the caller cannot hear or can barely hear your voice, talk more closely into the built-in microphone of the system.
- Noise may result if the system and the BLUETOOTH mobile phone are placed too close together. Place the BLUETOOTH mobile phone farther away if there is audible noise.

Hint

- If your BLUETOOTH mobile phone supports both HFP and HSP, set it to HFP.
- If you were listening to music before the call, playback will resume when the call ends.
- Operations may vary depending on the BLUETOOTH mobile phone. Refer to the operating instructions for your mobile phone.

Making a call

1 Make a call by operating the connected BLUETOOTH mobile phone.

When you make a call, playback will pause and the system will emit a dial tone.

2 Talk into the system's built-in microphone when the other party answers the call.

3 Press to end the call.

Switching the phone call output from the system to the mobile phone, and vice versa

Hold down  while talking.

Note

- The volume is different for music playback and calls. Adjust the volume during calls.

Using the voice-assist function on a smartphone

This function only works for the Google app on Android smartphones and Siri on the iPhone/iPod.

You can make a call using voice commands with the voice-assist function.

If you use the Google app feature that comes with Android smartphones or the Siri function that comes with the iPhone/iPod, you can operate the Android smartphone or iPhone/iPod by speaking into the system's built-in microphone.

For Android smartphones:

Refer to the operating instructions supplied with the Android smartphone to activate the Google app.

For details on the Google app, refer to the operating instructions or support website for the Android smartphone or the Google Play website.

For details on which apps work with the Google app, refer to the operating instructions supplied with the Android smartphone.

You may not be able to activate the Google app from the system depending on the specifications of the Android smartphone.

For the iPhone/iPod:


Refer to the operating instructions supplied with the iPhone/iPod to turn on Siri.

For details on Siri, refer to the operating instructions or support website for the iPhone/iPod.

For details on which apps work with Siri, refer to the operating instructions supplied with the iPhone/iPod.

Note

The latest version of the app may be required.

- 1 Activate the Google app or turn on Siri.**
- 2 Connect the system to the Android smartphone or iPhone/iPod via a BLUETOOTH connection.**
- 3 While the Android smartphone or iPhone/iPod is in the standby mode or playing music, press  to activate the Google app or Siri.**
- 4 Make a request to the Google app* or Siri by speaking into the system's built-in microphone.**

* If a certain amount of time without any requests has elapsed since you activated the Google app, a beep will sound and the Google app will be deactivated.

Using the Sleep Timer

The system turns off automatically after the preset time.

Press SLEEP repeatedly to select the time you want.

To cancel Sleep Timer, press SLEEP repeatedly to select "OFF."

Hint

To check the remaining time before the system turns off, press SLEEP.

Using the voice guidance

You can hear Voice Guidance when the system enters the BLUETOOTH pairing mode or a BLUETOOTH device is being connected or disconnected from the system.

1 Press OPTIONS.

The options menu appears on the display.

2 Press \uparrow/\downarrow repeatedly to select "VOICE GUIDANCE," then press $\boxed{+}$.

3 Press \uparrow/\downarrow to select "ON," then press $\boxed{+}$.

The voice guidance is activated. To exit the options menu, press OPTIONS.

To deactivate voice guidance

Repeat the above steps and select "OFF" in Step 3.

To adjust the level of the voice guidance

1 Press OPTIONS.

2 Press \uparrow/\downarrow repeatedly to select "SAMPLER," then press $\boxed{+}$.

3 Press \uparrow/\downarrow repeatedly to adjust the voice guidance level, then press $\boxed{+}$.

Using optional equipment

1 Press \triangleleft - repeatedly until "VOL MIN" appears on the display.

2 Connect an optional equipment (page 19).

3 Press FUNCTION repeatedly to select "AUDIO IN."


4 Start playing the connected equipment.

5 Press \triangleleft + repeatedly to adjust the volume.

Note


The system may enter the standby mode automatically if the volume level of the connected equipment is too low. Adjust the volume level of the equipment. To turn off the automatic standby function, see "Setting the automatic standby function" (page 67).

Deactivating the buttons on the unit (Child Lock)

You can deactivate the buttons on the unit (except ) to prevent misoperation, such as child mischief.

Hold down on the unit for more than 5 seconds.

"CHILD LOCK ON" appears on the display.

You can only operate the system using the buttons on the remote control. To turn off the Child Lock function, hold down  on the unit for more than 5 seconds until "CHILD LOCK OFF" appears on the display.

Note

- The Child Lock function will be turned off automatically when you disconnect the AC power cord (mains lead).
- The Child Lock function cannot be activated when you open the disc tray.

Setting the automatic standby function

The system enters the standby mode automatically in about 15 minutes when there is no operation or audio signal output. By default, the automatic standby function is turned on.

1 Press **OPTIONS**.

The options menu appears on the display.

2 Press repeatedly to select "AutoSTBY," then press .

3 Press repeatedly to select "ON" or "OFF," then press .

To exit the options menu, press **OPTIONS**.

Note

- "AutoSTBY" flashes on the display about 2 minutes before entering the standby mode.
- The automatic standby function does not work in the following cases:
 - during the tuner function.
 - when the Sleep Timer is activated.
 - when a microphone or guitar is connected.
 - when the system is a Party Guest for the Wireless Party Chain function or the Guest system for the Speaker Add function.

Updating the software

The software of this system may be updated in the future.

You can update your system's pre-installed software from the websites below.

Follow the online instructions to update the software.

For customers in Latin America:

<http://esupport.sony.com/LA>

For customers in Europe and Russia:

<http://www.sony.eu/support>

For customers in other countries/regions:

<http://www.sony-asia.com/support>

Additional Information

Troubleshooting

Should you encounter a problem with your system, find your problem in the troubleshooting checklist below and take the corrective action.

If “PROTECTX” (X is a number) appears on the display, then “CHECK MANUAL” flashes on the display.

Immediately unplug the AC power cord (mains lead), and check if anything is blocking the ventilation openings of the unit.

After you have checked and found no problems, reconnect the AC power cord (mains lead), and turn on the system. If the issue persists, contact your nearest Sony dealer.

General

The power does not turn on.

- Check that the AC power cord (mains lead) is connected securely.

The system has entered the standby mode.

- This is not a malfunction. The system enters the standby mode automatically in about 15 minutes when there is no operation or audio signal output (page 67).

There is no sound.

- Adjust the volume.
- Check the connection of the optional equipment, if any (page 19).
- Turn on the connected equipment.

- Unplug the AC power cord (mains lead), then plug in the AC power cord (mains lead) again and turn on the system.

There is no picture/sound when connected to the HDMI OUT (TV) ARC jack.

- Change the setting in [HDMI SETUP] – [HDMI RESOLUTION]. The problem may be solved.
- The equipment connected to the HDMI OUT (TV) ARC jack does not conform to the audio signal format. In this case, set [HDMI SETUP] – [AUDIO (HDMI)] to [PCM] (page 35).
- Try the following:
 - Turn the system off and on again.
 - Turn the connected equipment off and on again.
 - Disconnect then connect the HDMI cable again.

There is no microphone sound.

- Adjust the microphone volume level.
- Make sure the microphone is connected to the MIC1 or MIC2/GUITAR jack on the unit correctly.
- Make sure the microphone is turned on.

No TV sound is heard from the system. “CODE 01” and “SGNL ERR” appear on the display.

- This system supports 2-channel Linear PCM formats only. Check the audio output setting on the TV and change it to the PCM output mode if the automatic mode is selected.
- Check that the speaker output setting on the TV is set to use external speakers.

There is severe hum or noise.

- Move the system away from sources of noise.
- Move the system away from the neon signs or fluorescent light.
- Connect the system to a different wall outlet.
- Install a noise filter (not supplied) to the AC power cord (mains lead).
- Turn off surrounding electrical equipment.
- The noise generated by the cooling fans of the system may be heard when the system is turned on. This is not a malfunction.

The remote control does not function.

- Remove the obstacles between the remote control and the unit.
- Move the remote control closer to the unit.
- Point the remote control at the unit's sensor.
- Replace the batteries (R03/size AAA).
- Move the unit away from the fluorescent light.

There is acoustic feedback.

- Reduce the volume.
- Move the microphone and guitar away from the system or change the direction of the microphone.

The color irregularity on a TV screen persists.

- Turn off the TV at once, then turn it on after 15 to 30 minutes. If the color irregularity still persists, place the system farther away from the TV.

"CHILD LOCK" appears when you press any button on the unit.

- Turn off the Child Lock function (page 67).

A clicking sound is heard when the system is turned on.

- This is the operating sound and it occurs when the system is turned on or off, for example. This is not a malfunction.

Disc player

The disc tray does not open and "LOCKED" appears on the display.

- Consult your nearest Sony dealer or local authorized Sony service facility.

The disc tray does not close.

- Load the disc correctly.

The disc does not eject.

- You cannot eject the disc during Synchronized Transfer or REC1 Transfer. Press **■** to cancel the transfer, then press **▲** on the unit to eject the disc.
- Consult your nearest Sony dealer.

Playback does not start.

- Wipe the disc clean (page 78).
- Reload the disc.
- Load the disc that this system can play back (page 9).
- Remove the disc and wipe away the moisture on the disc, then leave the system turned on for a few hours until the moisture evaporates.
- The region code on the DVD VIDEO does not match the system.

The sound skips.

- Wipe the disc clean (page 78).
- Reload the disc.
- Move the unit to a place with no vibration.

Playback does not start from the first track.

- Set the play mode to Normal Play (page 29).
- Resume Play has been selected. Press **■** twice. Then, press **▶** to start playback.

You cannot perform some functions such as Stop, Lock Search, Slow-motion Play, Repeat Play, or Shuffle Play.

- Depending on the disc, you may not be able to do some of the operations above. Refer to the operating instructions supplied with the disc.

The DATA CD/DATA DVD (MP3, MPEG4, or Xvid) cannot be played back.

- The data is not stored in the supported format.
- Make sure you have selected the correct Media mode before playback.

The folder name, track name, file name and ID3 tag characters do not appear properly.

- The ID3 version is not in Version 1 (1.0/1.1) or Version 2 (2.2/2.3).
- The character codes that can be displayed by this system are as follows:
 - Upper cases (A to Z)
 - Numbers (0 to 9)
 - Symbols (<> * +, [] \ _)Other characters appear as “ _ ”.

The sound loses stereo effect during playback.

- Turn off the Vocal Fader (page 62).
- Make sure the system is connected properly.

USB device

Transferring results in an error.

- You are using an unsupported USB device. Check the information on the website about compatible USB devices (page 12).
- The USB device is not formatted correctly. Refer to the operating instructions of the USB device on how to format.
- Turn off the system and remove the USB device. If the USB device has a power switch, turn the USB device off and on again after removing it from the system. Then, perform the transfer again.
- If the transfer and erase operations are repeated multiple times, the file structure within the USB device becomes fragmented. Refer to the operating instructions of the USB device on how to deal with this problem.
- The USB device was disconnected or the power was turned off during transfer. Delete the partially-transferred file, and perform the transfer again. If this does not fix the problem, the USB device may be broken. Refer to the operating instructions of the USB device on how to deal with this problem.

Audio files or folders on the USB device cannot be erased.

- Check if the USB device is write-protected.
- The USB device was disconnected or the power was turned off during the erase operation. Delete the partially-erased file. If this does not fix the problem, the USB device may be broken. Refer to the operating instructions of the USB device on how to deal with this problem.

There is no sound.

- The USB device is not connected correctly. Turn off the system and reconnect the USB device, then turn on the system and check if “USB” appears on the display.



There is noise, skipping, or distorted sound.

- You are using an unsupported USB device. Check the information on the website about compatible USB devices (page 12).
- Turn off the system and reconnect the USB device, then turn on the system.
- The music data itself contains noise, or the sound is distorted. Noise may have entered during the transfer process. Delete the file, and try transfer again.
- The bit rate used in encoding an audio file was low. Send an audio file with higher bit rate to the USB device.


“READING” is displayed for an extended time, or it takes a long time before playback starts.

- The reading process can take a long time in the following cases.
 - There are many folders or files on the USB device (page 11).
 - The file structure is extremely complex.
 - The memory capacity is excessive.
 - The internal memory is fragmented.

“NO FILE” appears on the display.

- The system has entered the software update mode, and all buttons (except ) are deactivated. Press  on the unit to cancel the software update.

“OVER CURRENT” appears on the display.

- A problem has been detected with the level of electrical current from the  (USB) port. Unplug the AC power cord (mains lead) and remove the USB device from the port. Make sure there is no problem with the USB device. If this display pattern persists, contact your nearest Sony dealer.

Erroneous display.

- The data stored in the USB device may have been corrupted, perform the transfer again.
- The character codes that can be displayed by this system are as follows:
 - Upper cases (A to Z)
 - Numbers (0 to 9)
 - Symbols (< > * +, [] \ _)Other characters appear as “ _ ”.

The USB device is not recognized.

- Turn off the system and reconnect the USB device, then turn on the system.
- Check the information on the website about compatible USB devices (page 12).
- The USB device is not working properly. Refer to the operating instructions of the USB device on how to deal with this problem.

Playback does not start.

- Turn off the system and reconnect the USB device, then turn on the system.
- Check the information on the website about compatible USB devices (page 12).

Playback does not start from the first file.

- Set the play mode to Normal Play (page 29).

Files cannot be played back.

- Make sure you have selected the correct Media mode before playback.
- USB devices formatted with file systems other than FAT16 or FAT32 are unsupported.*
- If you use a partitioned USB device, only files on the first partition can be played back.

* This system supports FAT16 and FAT32, but some USB devices may not support all of these FAT. For details, refer to the operating instructions of each USB device or contact the manufacturer.

Picture

There is no picture.

- Check that the system is connected securely.
- If the video cable or HDMI cable is damaged, replace it with a new one.
- Make sure you connect the unit to the HDMI input jack or the video input jack of your TV (page 21).
- Make sure you turn on the TV and operate the TV correctly.
- Make sure you select the input according to the connection on the TV so that you can view the pictures from the system.
- (Except for Latin American, European, and Russian models) Make sure you set the color system correctly, according to your TV's color system.

Picture noise appears.

- Wipe the disc clean (page 78).
- If video signal from your system has to go through your VCR to your TV, the copy-protection applied to some DVD VIDEO programs could affect the picture quality.
- (Except for Latin American, European, and Russian models) When you play back a VIDEO CD recorded in a different color system from the one you set to the system, the picture image may be distorted (page 23, 34).
- (Except for Latin American, European, and Russian models) Set the color system to match your TV (page 23, 34).

The aspect ratio of the TV screen cannot be changed.

- The aspect ratio is fixed on your DVD VIDEO and video file.
- Depending on the TV, you may not change the aspect ratio.

The language for the sound track cannot be changed.

- Multilingual tracks are not recorded on the DVD VIDEO being played back.
- The DVD VIDEO prohibits changing the language for the sound track.

The subtitles language cannot be changed.

- Multilingual subtitles are not recorded on the DVD VIDEO being played back.
- The DVD VIDEO prohibits changing the subtitles.

The subtitles cannot be turned off.

- The DVD VIDEO prohibits turning off subtitles.

The camera angles cannot be changed.

- Multi-angles are not recorded on the DVD VIDEO being played back.
- The DVD VIDEO prohibits changing the angles.

Tuner*

There is severe hum or noise, or stations cannot be received.

- Connect the antenna properly.
 - Change antenna location and its orientation to obtain good reception.
 - Turn off nearby electrical equipment.
- * Radio may not be received depending on the radio wave conditions or the housing environment in your area.

BLUETOOTH device

Pairing cannot be performed.

- Move the BLUETOOTH device closer to the system.
- Pairing may not be possible if other BLUETOOTH devices are present around the system. In this case, turn off the other BLUETOOTH devices.
- Make sure to enter the correct passkey when selecting the system's name (this system) on the BLUETOOTH device.

The BLUETOOTH device cannot detect the system, or "BT OFF" appears on the display.

- Set the BLUETOOTH signal to "BT ON" (page 45).

Connection is not possible.

- The BLUETOOTH device you attempted to connect does not support the A2DP profile, and cannot be connected with the system.
- Enable the BLUETOOTH function of the BLUETOOTH device.
- Establish a connection from the BLUETOOTH device.
- The pairing registration information has been erased. Perform the pairing operation again.

The sound skips or fluctuates, or the connection is lost.

- The system and the BLUETOOTH device are too far apart.
- If there are obstacles between the system and your BLUETOOTH device, remove or avoid the obstacles.
- If there is equipment that generates electromagnetic radiation, such as a wireless LAN, other BLUETOOTH device, or a microwave oven nearby, move them away.

The sound of your BLUETOOTH device cannot be heard on this system.

- Increase the volume on your BLUETOOTH device first, then adjust the volume using \triangleleft +/-.

There is severe hum, noise, or distorted sound.

- If there are obstacles between the system and your BLUETOOTH device, remove or avoid the obstacles.
- If there is equipment that generates electromagnetic radiation, such as a wireless LAN, other BLUETOOTH device, or a microwave oven nearby, move them away.
- Turn down the volume of the connected BLUETOOTH device.

Gesture control

The gesture control cannot be activated.

- Press GESTURE ON/OFF repeatedly until GESTURE ON/OFF indicator lights up.
- Make sure the Child Lock function is not activated (page 67).

The gesture control does not operate properly.

- Move your hand closer to GESTURE CONTROL (page 48) when you perform the swiping motion.
- Perform the swiping motion at a slower speed.
- Select the correct mode (PLAYBACK, DJ, SAMPLER or KARAOKE) before you start using the gesture control (page 48, 50).
- Install a noise filter (not supplied) to the AC power cord (mains lead).
- Turn off surrounding electrical equipment.

Control for HDMI (“BRAVIA” Sync)

The system does not turn on even when the TV is turned on.

- Hold down SHIFT and press SETUP, then set [HDMI SETUP] – [CONTROL FOR HDMI] to [ON] (page 36). The TV must support the Control for HDMI function (page 52). For details, refer to the operating instructions of your TV.
- Check the speaker settings of the TV. The system power syncs with the speaker settings of the TV. For details, refer to the operating instructions of your TV.
- If the sound was output from the TV’s speakers the previous time, the system does not turn on even when the TV is turned on.

The system turns off when the TV is turned off.

- Check the setting of [HDMI SETUP] – [STANDBY LINKED TO TV] (page 36). When [STANDBY LINKED TO TV] is set to [ON], the system turns off automatically when you turn off the TV regardless of the input.

The system does not turn off even when the TV is turned off.

- Check the setting of [HDMI SETUP] – [STANDBY LINKED TO TV] (page 36).
To turn the system off automatically regardless of the input when you turn off the TV, set [STANDBY LINKED TO TV] to [ON]. The TV must support the Control for HDMI function (page 52). For details, refer to the operating instructions of your TV.

No TV sound is output from the system.

- Check the type and connection of the HDMI cable or audio cable that is connected to the system and the TV (page 21).
- If your TV is compatible with the Audio Return Channel (ARC) function, make sure the system is connected to an ARC-compatible HDMI IN jack of the TV (page 21). If sound is still not output or if sound is interrupted, connect an audio cable (not supplied) and hold down SHIFT and press SETUP, then set [HDMI SETUP] – [AUDIO RETURN CHANNEL] to [OFF] (page 36).
- If your TV is not compatible with the Audio Return Channel (ARC) function, TV sound will not be output from the system even if the system is connected to the TV's HDMI IN jack. To output TV sound from the system, connect an audio cable (not supplied) (page 22).
- Change the function of the system to "TV" (page 22).
- Increase the volume on the system.
- Depending on the order in which you connect the TV and the system, the system may be muted and M (muting) lights up on the display of the system. If this happens, turn on the TV first, then the system.
- Set the speakers setting of the TV (BRAVIA) to Audio System. Refer to the operating instructions of your TV on how to set the TV.

The sound is output from both the system and the TV.

- Mute the sound of the system or the TV.
- Change the speaker output on the TV to TV speaker or Audio System.

The Control for HDMI function does not work properly.

- Check the connection with the system (page 21).
- Enable the Control for HDMI function on the TV. For details, refer to the operating instructions of your TV.
- Wait a while, then try again. If you unplug the system, it will take a while before operations can be made. Wait for 15 seconds or longer, then try again.
- Make sure the TV connected to the system support the Control for HDMI function.
- The type and number of devices that can be controlled by the Control for HDMI function is restricted by the HDMI CEC standard as follows:
 - Recording devices (Blu-ray Disc recorder, DVD recorder, etc.): up to 3 devices
 - Playback devices (Blu-ray Disc Player, DVD player, etc.): up to 3 devices (this system uses one of them)
 - Tuner-related devices: up to 4 devices
 - Audio system (receiver/headphone): up to 1 device (used by this system)

The Party Chain and Speaker Add function

Wired Party Chain function cannot be activated.

- Check the connections (page 54).
- Make sure the audio cables are connected correctly.

“PARTY CHAIN” is flashing on the display.

- You cannot select the AUDIO IN function if you make connection **A** (page 54) during the Wired Party Chain function. Select other function.
- Hold down PARTY CHAIN on the unit.
- Restart the system.

The Wired Party Chain function does not work properly.

- Turn off the system. Then, turn it back on again to activate the Wired Party Chain function.

Unable to connect a BLUETOOTH device with the system in the Wireless Party Chain function.



- After connecting all of the systems, perform the pairing procedure between the BLUETOOTH device and the Host Audio System. Then perform the BLUETOOTH connection.

Unable to connect a BLUETOOTH device with the system in the Speaker Add function.

- After connecting two MHC-V41D systems, perform the pairing procedure between the BLUETOOTH device and Host system. Then perform the BLUETOOTH connection.











Resetting the system

If the system still does not operate properly, reset the system to factory default settings.

- 1 Unplug the AC power cord (mains lead), then plug it back in.**
- 2 Press  to turn on the system.**
- 3 Hold down MEGA BASS and GUITAR for about 3 seconds.** “RESET” appears on the display. After the reset completes, the system automatically reboots. Press  to turn on the system. All user-configured settings, such as preset radio stations are reset to factory default setting, and all the BLUETOOTH pairing information is erased.

Returning the setup menu settings to the default

You can return the setup menu settings (except for [PARENTAL CONTROL] settings) to the default settings.

- 1 Hold down SHIFT and press SETUP.**
The setup menu appears on the TV screen.
- 2 Press / repeatedly to select [SYSTEM SETUP] and press .**
- 3 Press / repeatedly to select [RESET], then press .**
- 4 Press / repeatedly to select [YES], then press .**
It takes a few seconds to complete. Do not press  while resetting the system.

Self-diagnosis function

When letters/numbers appear on the TV screen or the display

When the self-diagnosis function is activated to prevent the system from malfunctioning, a service number appears. The service number consists of an alphabet and numerals (e.g. C 13 50). See the following table for the cause and corrective action.

First 3 characters of the service number	Cause and corrective action
C 13	This disc is dirty. <ul style="list-style-type: none">• Clean the disc with a soft cloth (page 78).
C 31	The disc is not inserted correctly. <ul style="list-style-type: none">• Turn off the system, then turn it back on again. Then re-insert the disc correctly.
E XX (XX is a number)	To prevent a malfunction, the system has performed the self-diagnosis function. <ul style="list-style-type: none">• Contact your nearest Sony dealer or local authorized Sony service facility and give the 5-character service number. Example: E 61 10

Messages

One of the following messages may appear or flash on the display during operation.

CANNOT PLAY

- A disc that cannot be played back was inserted.
- A DVD VIDEO with unsupported region code was inserted.

CODE 01

SGNL ERR

An unsupported audio signal is input from the connected TV's HDMI IN (ARC) jack (page 22).

DATA ERROR

- The file is created in unsupported format.
- The file extensions does not match the file format.

DEVICE ERROR

The USB device could not be recognized or an unknown device is connected.

DEVICE FULL

The memory of the USB device is full.

ERASE ERROR

Erase of audio files or folders on the USB device failed.

FATAL ERROR

The USB device was removed during transfer or erase operation, and may have been damaged.

FOLDER FULL

You cannot transfer onto the USB device because the number of folders has reached its maximum.

NoDEVICE

No USB device is connected or unsupported device is connected.

NO DISC

There is no disc in the unit.

NO MUSIC

No supported audio files exist in the playback source.

NO SUPPORT

An unsupported USB device is connected, or the USB device is connected through a USB hub.

NO VIDEO

No supported video files exist in the playback source.

NOT USE

You tried to perform a specific operation under conditions where that operation is prohibited.

OVER CURRENT

An over current from the ψ (USB) port was detected.

PROTECT

The USB device is write-protected.

PUSH STOP

You tried to perform an operation that can be performed only when the playback is stopped.

READING

The system is reading information of the disc or USB device. Some operations are not available.

REC ERROR

The transfer did not start, stopped partway, or otherwise could not be performed.

TRACK FULL

You cannot transfer onto the USB device because the number of files has reached its maximum.

Precautions

When carrying the unit

To avoid damaging the disc mechanism, perform the following procedure before carrying the unit.

Use the buttons on the unit to perform this operation.

1 Press \odot to turn on the system.

2 Press **FUNCTION** repeatedly to select "DVD/CD."

3 Remove the disc.

Press \blacktriangle to open and close the disc tray.

Wait until "NO DISC" appears on the display.

4 Press \odot to turn off the system.

5 Unplug the AC power cord (mains lead).

Notes on discs

- Before playing, wipe the disc with a cleaning cloth from the center outward to the edge.
- Do not clean discs with solvents, such as benzine, thinner, or commercially available cleaners or anti-static spray intended for vinyl LPs.
- Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave them in a car parked in direct sunlight.

On safety

- Completely disconnect the AC power cord (mains lead) from the wall outlet (mains) if it is not going to be used for an extended period of time. When unplugging the system, always grip the plug. Never pull the cord itself.
- Should any solid object or liquid get into the system, unplug the system, and have it checked by qualified personnel before operating it again.

- AC power cord (mains lead) must be changed only at the qualified service shop.

On handling the unit

This system is not drip-proof or waterproof. Make sure not to splash water on the system or clean it with water.

On placement

- Do not place the system in an inclined position or in locations that are extremely hot, cold, dusty, dirty, or humid or lacking adequate ventilation, or subject to vibration, direct sunlight or a bright light.
- Be careful when placing the system on surfaces that have been specially treated (for example, wax, oil, polish) as staining or discoloration of the surface may result.
- 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 lens inside the unit, and cause the system to malfunction. In this situation, remove the disc, and leave the system turned on for about an hour until the moisture evaporates.

On heat buildup

- Heat buildup on the unit during operation is normal and is not a cause for alarm.
- Do not touch the cabinet if it has been used continuously at a high volume because the cabinet may have become hot.
- Do not obstruct the ventilation holes.

On the speaker system

The built-in speaker system is not magnetically shielded, and the picture on nearby TV sets may become magnetically distorted. In this situation, turn off the TV, wait 15 to 30 minutes, and turn it back on. If there is no improvement, move the system far away from the TV.

IMPORTANT NOTICE

Caution: If you leave a still video image or on-screen display image displayed on your TV for an extended period of time via this system, you risk permanent damage to your TV screen. Projection TVs are especially susceptible to this.

Cleaning the cabinet

Clean this system 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 thinner, benzene, or alcohol.

On BLUETOOTH communication

- BLUETOOTH devices should be used within approximately 10 meters (unobstructed distance) of each other. The effective communication range may become shorter under the following conditions:
 - When a person, metal object, wall or other obstruction is between the devices with a BLUETOOTH connection
 - Locations where a wireless LAN is installed
 - Around microwave ovens that are in use
 - Locations where other electromagnetic waves are generated
- BLUETOOTH devices and wireless LAN (IEEE 802.11b/g/n) equipment use the same frequency band (2.4 GHz). When using your BLUETOOTH device near a device with wireless LAN capability, electromagnetic interference may occur. This could result in lower data transfer rates, noise, or inability to connect. If this happens, try the following remedies:
 - Use this system at least 10 meters away from the wireless LAN equipment.
 - Turn off the power of the wireless LAN equipment when using your BLUETOOTH device within 10 meters.

- Use this system and BLUETOOTH device as close to each other as possible.
- The radio waves broadcast by this system may interfere with the operation of some medical devices. Since this interference may result in malfunction, always turn off the power on this system and BLUETOOTH device in the following locations:
 - In hospitals, on trains, in airplanes, at gas stations, and any place where flammable gases may be present
 - Near automatic doors or fire alarms
- This system supports security functions that comply with BLUETOOTH specifications to ensure secure connections during communication using BLUETOOTH technology. However, this security may be insufficient depending on the setting contents and other factors, so always be careful when performing communication using BLUETOOTH technology.
- Sony cannot be held liable in any way for damages or other loss resulting from information leaks during communication using BLUETOOTH technology.
- BLUETOOTH communication is not necessarily guaranteed with all BLUETOOTH devices that have the same profile as this system.
- BLUETOOTH devices connected with this system must comply with the BLUETOOTH specification prescribed by the Bluetooth SIG, Inc., and must be certified to comply. However, even when a device complies with the BLUETOOTH specification, there may be cases where the characteristics or specifications of the BLUETOOTH device make it impossible to connect, or may result in different control methods, display or operation.
- Noise may occur or the audio may cut off depending on the BLUETOOTH device connected with this system, the communications environment, or surrounding conditions.

Specifications

Speaker section

Speaker system:

3-way

Speaker unit:

Tweeter L/R: 40 mm, cone type

Midrange L/R: 80 mm, cone type

Woofer: 250 mm, cone type

Rated impedance:

Tweeter L/R: 4 ohms

Midrange L/R: 4 ohms

Woofer: 6 ohms

Inputs

AUDIO/PARTY CHAIN IN (TV) L/R:

Voltage 2 V, impedance

47 kilohms

TV (ARC):

Supported audio signal:

2-channel Linear PCM

MIC1:

Sensitivity 1 mV, impedance

10 kilohms

MIC2/GUITAR:

Sensitivity 1 mV, impedance

10 kilohms (When the Guitar mode is turned off.)

Sensitivity 200 mV, impedance

1 Megaohm (When the Guitar mode is turned on.)

Outputs

AUDIO/PARTY CHAIN OUT L/R:

Voltage 2 V, impedance 1 kilohm

VIDEO OUT:

Max. output level 1 Vp-p, unbalanced, Sync. negative load impedance 75 ohms

HDMI OUT:

Supported audio signal:

2-channel Linear PCM (up to 48 kHz), Dolby Digital

HDMI section

Connector:

Type A (19 pin)

Disc player section

System:

Compact disc and digital audio and video system

Laser Diode Properties

Emission Duration: Continuous

Laser Output*: Less than 44.6 μ W

* 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:

20 Hz – 20 kHz

Video color system format:

Latin American model:

NTSC

Other models:

NTSC and PAL

USB section

Supported USB device:

Mass Storage Class

Maximum current:

1 A

ψ (USB) port:

Type A

FM tuner section

FM stereo, FM superheterodyne tuner

Antenna:

FM lead antenna

Tuning range:

87.5 MHz – 108.0 MHz (50 kHz step)

BLUETOOTH section

Communication system:

BLUETOOTH Standard version 4.2

Output:

BLUETOOTH Standard Power Class 2

Maximum communication range:

Line of sight approx. 10 m*

Frequency band:

2.4 GHz band
(2.4000 GHz - 2.4835 GHz)

Maximum output power:

< 9.5 dBm

Modulation method:

FHSS (Freq Hopping Spread Spectrum)

Compatible BLUETOOTH profiles**:

A2DP (Advanced Audio

Distribution Profile)

AVRCP (Audio Video Remote Control Profile)

SPP (Serial Port Profile)

Supported codecs:

SBC (Subband Codec)

AAC (Advanced Audio Coding)

LDAC

HFP (Hands-free Profile)

HSP (Headset Profile)

* The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna's performance, operating system, software application, etc.

** BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.

NFC section

Operating frequency:
13.56 MHz

Supported audio formats

Supported bit rate and sampling frequencies:

MP3:
32/44.1/48 kHz,
32 kbps – 320 kbps (VBR)
AAC:
44.1 kHz, 48 kbps – 320 kbps
(CBR/VBR)
WMA:
44.1 kHz, 48 kbps – 192 kbps (CBR/
VBR)
WAV:
44.1/48 kHz (16 bit)

Supported video formats

Xvid:

Video codec: Xvid video
Bit rate: 4.854 Mbps (MAX)
Resolution/Frame rate:
720 × 480, 30 fps
720 × 576, 25 fps (except for Latin
American model)
Audio codec: MP3

MPEG4:

File format: MP4 File Format
Video codec: MPEG4 Simple
Profile (AVC is not compatible.)
Bit rate: 4 Mbps
Resolution/Frame rate:
720 × 480, 30 fps
720 × 576, 25 fps (except for Latin
American model)
Audio codec: AAC-LC (HE-AAC is
not compatible.)
DRM: Not compatible

General

Power requirements:

AC 120 V – 240 V, 50/60 Hz

Power consumption:

130 W

Power consumption (at the Power Saving mode):

0.5 W (When "BT STBY" is set to "OFF" and [CONTROL FOR HDMI] is set to [OFF].)

2 W* (When "BT STBY" is set to "ON" and [CONTROL FOR HDMI] is set to [ON].)

Dimensions (W/H/D) (Approx.):

328 mm × 796 mm × 308 mm

Mass (Approx.):

13.5 kg

* The power consumption of the system will be less than 0.5 W when there is no HDMI connection and "BT STBY" is set to "OFF."

Design and specifications are subject to change without notice.

Language code list

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

Code	Language	Code	Language	Code	Language	Code	Language
1027	Afar	1186	Scots Gaelic	1350	Malayalam	1513	Siswati
1028	Abkhazian	1194	Galician	1352	Mongolian	1514	Sesotho
1032	Afrikaans	1196	Guarani	1353	Moldavian	1515	Sundanese
1039	Amharic	1203	Gujarati	1356	Marathi	1516	Swedish
1044	Arabic	1209	Hausa	1357	Malay	1517	Swahili
1045	Assamese	1217	Hindi	1358	Maltese	1521	Tamil
1051	Aymara	1226	Croatian	1363	Burmese	1525	Telugu
1052	Azerbaijani	1229	Hungarian	1365	Nauru	1527	Tajik
1053	Bashkir	1233	Armenian	1369	Nepali	1528	Thai
1057	Byelorussian	1235	Interlingua	1376	Dutch	1529	Tigrinya
1059	Bulgarian	1239	Interlingue	1379	Norwegian	1531	Turkmen
1060	Bihari	1245	Inupiak	1393	Occitan	1532	Tagalog
1061	Bislama	1248	Indonesian	1403	(Afan) Oromo	1534	Setswana
1066	Bengali; Bangla	1253	Icelandic	1408	Oriya	1535	Tonga
1067	Tibetan	1254	Italian	1417	Punjabi	1538	Turkish
1070	Breton	1257	Hebrew	1428	Polish	1539	Tsonga
1079	Catalan	1261	Japanese	1435	Pashto; Pushto	1540	Tatar
1093	Corsican	1269	Yiddish	1436	Portuguese	1543	Twi
1097	Czech	1283	Javanese	1463	Quechua	1557	Ukrainian
1103	Welsh	1287	Georgian	1481	Rhaeto-Romance	1564	Urdu
1105	Danish	1297	Kazakh	1482	Kirundi	1572	Uzbek
1109	German	1298	Greenlandic	1483	Romanian	1581	Vietnamese
1130	Bhutani	1299	Cambodian	1489	Russian	1587	Volapük
1142	Greek	1300	Kannada	1491	Kinyarwanda	1613	Wolof
1144	English	1301	Korean	1495	Sanskrit	1632	Xhosa
1145	Esperanto	1305	Kashmiri	1498	Sindhi	1665	Yoruba
1149	Spanish	1307	Kurdish	1501	Sangho	1684	Chinese
1150	Estonian	1311	Kirghiz	1502	Serbo-Croatian	1697	Zulu
1151	Basque	1313	Latin	1503	Singhalese	1703	Not specified
1157	Persian	1326	Lingala	1505	Slovak		
1165	Finnish	1327	Laothian	1506	Slovenian		
1166	Fiji	1332	Lithuanian	1507	Samoa		
1171	Faroese	1334	Latvian; Lettish	1508	Shona		
1174	French	1345	Malagasy	1509	Somali		
1181	Frisian	1347	Maori	1511	Albanian		
1183	Irish	1349	Macedonian	1512	Serbian		

Parental Control area code list

Code	Area	Code	Area	Code	Area	Code	Area
2044	Argentina	2165	Finland	2362	Mexico	2149	Spain
2047	Australia	2174	France	2376	Netherlands	2499	Sweden
2046	Austria	2109	Germany	2390	New Zealand	2086	Switzerland
2057	Belgium	2248	India	2379	Norway	2528	Thailand
2070	Brazil	2238	Indonesia	2427	Pakistan	2184	United Kingdom
2079	Canada	2254	Italy	2424	Philippines		
2090	Chile	2276	Japan	2436	Portugal		
2092	China	2304	Korea	2489	Russia		
2115	Denmark	2363	Malaysia	2501	Singapore		

<http://www.sony.net/>



HDMI



MP3



* 4 7 2 9 4 8 4 1 4 * (1)