

# SONY®

## Home Audio System

### Operating Instructions

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Getting Started

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Disc/USB Playback

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USB Transfer

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Tuner

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BLUETOOTH

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Sound Adjustment

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Other Operations

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Additional Information

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## 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.

## CAUTION

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

## For customers in Europe and the United Arab Emirates

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

This product is classified as a Class 1 Laser product under IEC 60825-1:2007. This label is located on rear surface of the product.

## For customers in Europe

### 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, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

Hereby, Sony Corp., declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.  
For details, please access the following URL:  
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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).

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.

**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 Australia and New Zealand**

It 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 the United Arab Emirates**

**TRA**  
**REGISTERED No:**  
**ER0119223/13**  
**DEALER No:**  
**DA0063360/11**

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

- Playing back music/video/photo 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

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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 subwoofer 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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# Playable discs/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/USB device

- Music: MP3 files<sup>1)2)</sup> (.mp3), WMA files<sup>2)3)</sup> (.wma), AAC files<sup>2)3)</sup> (.m4a/.mp4/.3gp)
- Photo: JPEG files<sup>4)</sup> (.jpg/.jpeg/.jpe)
- Video: MPEG4 files<sup>5)</sup> (.mp4/.m4v), Xvid files (.avi)

### Notes

- The discs must be in the following format:
  - CD-ROM/-R/-RW in DATA CD format that contains the MP3<sup>1)2)</sup>, JPEG<sup>4)</sup>, MPEG4<sup>5)</sup> and Xvid files, and conforms to ISO 9660<sup>6)</sup> Level 1/Level 2 or Joliet (extended format).
  - DVD-ROM/-R/-RW/+R/+RW in DATA DVD format that contains the MP3<sup>1)2)</sup>, JPEG<sup>4)</sup>, MPEG4<sup>5)</sup> 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 MP3/WMA/AAC/JPEG/MPEG4/Xvid 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) USB device only.
- 4) JPEG files must conform to the DCF image file format. (DCF "Design rule for Camera File System": Image standards for digital cameras regulated by Japan Electronics and Information Technology Industries Association (JEITA).)
- 5) 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.)
- 6) 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 JPEG file that is larger than 3,072 (width) × 2,048 (height) pixels in normal mode, or more than 3,300,000 pixels in Progressive JPEG mode which is mainly used on the Internet website.
  - The video files which is larger than 720 (width) × 576 (height) pixels.
  - The image and 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.
  - 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.
  - The system cannot play back some Xvid files that are longer than 2 hours.
- \* 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, image 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, image 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, image file, or video file.
- Compatibility with all MP3/WMA/AAC/MPEG4/Xvid encoding/writing software, 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, photo, 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 .

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## 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>>

### About BLUETOOTH communication for iPhone and iPod touch

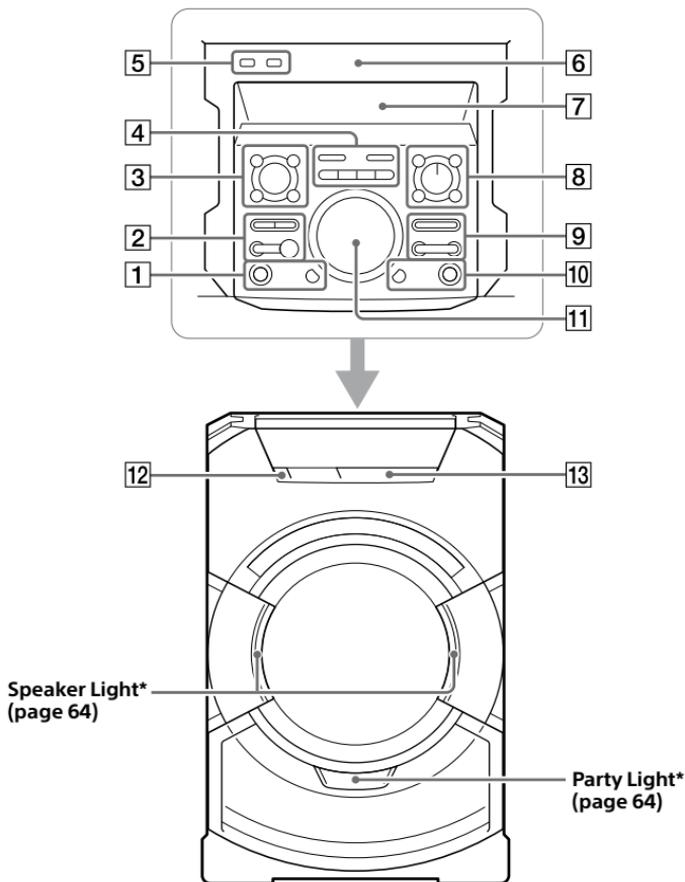
**Made for**

- iPhone 6 Plus
- iPhone 6
- iPhone 5s
- iPhone 5c
- iPhone 5
- iPhone 4s
- iPhone 4
- iPhone 3GS
- iPod touch (5th generation)
- iPod touch (4th generation)

## Guide to parts and controls

You can lock the buttons except I/⏻ (on/standby) on the subwoofer to prevent them from being operated by mistake (page 66).

### Active Subwoofer



\* Do not look directly at the light-emitting parts when the Speaker Light and Party Light are turned on.

## Speaker System



### 1 **I/⏻ (on/standby) button**

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

**PARTY LIGHT button**  
(page 64)

### 2 **▶ (play)<sup>1)</sup> button**

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

#### ■ (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.

#### BLUETOOTH-PAIRING button

- Press to select the BLUETOOTH function.
- Hold down to activate BLUETOOTH pairing in the BLUETOOTH function.

**BLUETOOTH indicator**  
(page 52)

**MEGA BASS button**  
(page 57)

**MEGA BASS indicator**  
(page 57)

### 3 **FUNCTION<sup>2)</sup> button**

**SOUND FIELD<sup>2)</sup> button**

**LIGHT MODE button**  
(page 64)

#### ENTER button

Press to enter/confirm the settings.

#### MULTI CONTROL knob

Turn to select a function, sound field or light mode.

### 4 **FLANGER, ISOLATOR, SAMPLER, DJ OFF button** (page 59)

#### REC TO USB button

Press to transfer music to the USB device connected to the  $\Psi$  (USB) 2 port.

**PARTY CHAIN button**  
(page 62)

### 5 **$\Psi$ (USB) 1 (PLAY) port**

Use to connect a USB device. This USB port can be used only for playback.

#### $\Psi$ (USB) 2 (REC/PLAY) port

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

**6**  (N-Mark) (page 55)

**7** Display

**8** MIC 1/2 jack

Use to connect the microphone(s).

**VOCAL FADER button**  
(page 63)

**MIC ECHO button** (page 63)

**MIC LEVEL (MIN/MAX) knob**  
(page 63)

**9**  +/- (select folder) button

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

**S1, S2 buttons** (page 59)

**◀◀/▶▶ (go backward/go forward) button**

Press to select a track or file.

**TUNING+/- button**  
(page 50)

**S3, S4 buttons** (page 59)

**10** **FOOTBALL button**  
(page 58)

Press repeatedly to select a stadium cheer enhancement mode for watching football match broadcasts.

**▲ (open/close) button**

Press to open or close the disc tray.

**11** **VOLUME/DJ CONTROL knob**

– Turn to adjust the volume. You cannot use this knob to adjust the volume when DJ EFFECT or SAMPLER is selected.

– Turn to adjust the FLANGER and ISOLATOR effect or output the SAMPLER sound effect continuously (page 59).

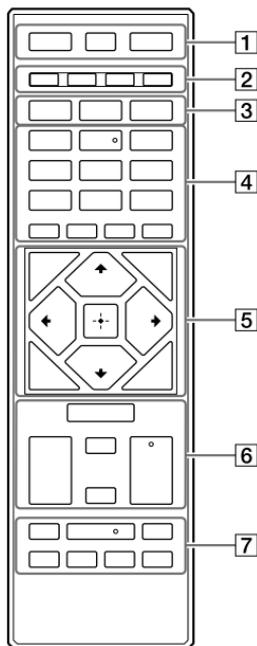
**12** **Remote control sensor**

**13** **Disc tray**

<sup>1)</sup> The  button on the subwoofer has a tactile dot. Use the tactile dot as a reference when operating the system.

<sup>2)</sup> After pressing the FUNCTION or SOUND FIELD button, turn the MULTI CONTROL knob to select the function or sound field you want, then press the ENTER button.

## Remote control



### 1 DISPLAY button

Press to change the information on the display.

#### DISPLAY<sup>1)</sup> button

Press to view or hide the on-screen display.

#### SLEEP button (page 64)

#### TIMER MENU<sup>1)</sup> button (page 31, 65)

#### I/⏻ (on/standby) button

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

### 2 PARTY LIGHT button (page 64)

#### LIGHT MODE button (page 64)

#### PLAY MODE button (page 37)

#### REPEAT/FM MODE button (page 39, 50)

### 3 SOUND FIELD buttons (MUSIC, VIDEO, FOOTBALL) (page 57)

#### **4** Numeric buttons<sup>1) 2)</sup>

- Press to select a track, chapter or file with its item number.
- Press to enter numbers or values.

**SUBTITLE button (page 36)**

**AUDIO<sup>2)</sup> button (page 36, 41)**

**ANGLE button (page 35)**

**SETUP button (page 42)**

**MEDIA MODE button**

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

**CLEAR button (page 34, 39)**

**VOCAL FADER button (page 63)**

**MIC ECHO button (page 63)**

**SCORE button (page 64)**

** +/- button (select folder)**

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

**KEY CONTROL  $\flat$ /# button (page 63)**

#### **5** DVD TOP MENU button

Press to display the DVD title on the TV screen.

**DVD/TUNER MENU button (page 34, 35, 51)**

**RETURN button (page 34)**

**OPTIONS button**

Press to enter or exit options menu.

** button**

Press to select the menu items.

** button**

Press to enter/confirm the settings.

#### **6** MEGA BASS button (page 57)

**FUNCTION +/- button**

Press to select a function.

**SEARCH button (page 34, 35)**

**SHIFT<sup>1)</sup> button**

Hold down to activate the buttons printed in pink.

** +/-<sup>2)</sup> button**

Press to adjust the volume.

**7** **◀◀/▶▶ (rewind/fast forward) button (page 34)**  
Press to find a point in a track or file during playback.

**◀|▶ (slow back/slow forward) button (page 34)**  
Press to watch in slow-motion.

**TUNING+/- button (page 50)**

**▶ (play)<sup>2)</sup> button**  
Press to start playback.

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

**PRESET+/- button (page 51)**

**|| (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.

<sup>1)</sup> This button is printed in pink on the remote control. To use this button, hold down SHIFT (Ⓜ) button, then press this button.

<sup>2)</sup> The numeric button 2/AUDIO, ◀ + and ▶ buttons on the remote control have a tactile dot. Use the tactile dot as a reference when operating the system.

## Getting Started

### Unpacking

- Remote control (1)
- R03 (size AAA) batteries (2)
- Speaker stands (2)
- Speaker cord (1)
- Speaker pads (8)
- FM lead/AM loop antenna (1)
- AC power cord (1)
- Optical digital cable (1)
- Video cord (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.

The system consists of:

- Active subwoofer: SA-WGT5D (1)
- Speaker system: SS-GT5DB (2)

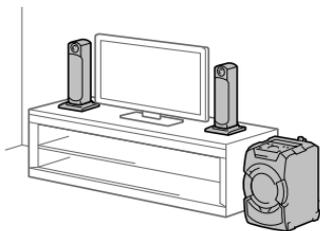
#### Note

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

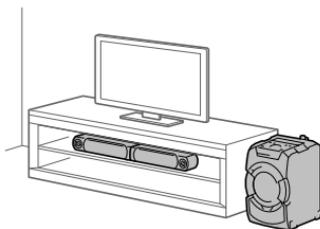
## Installing the system

The illustrations below are examples of how to install the system.

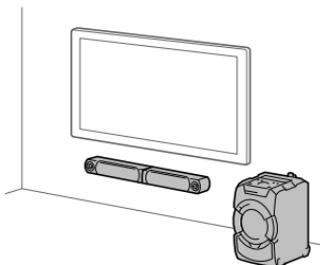
- Using the supplied speaker stands (page 19) and installing the speaker units vertically on either side of a TV on a rack



- Combining speaker units (Soundbar style) and installing the combined unit in a TV rack (page 20)



- Installing the speaker units as a combined unit (Soundbar style) on a wall (page 21)



- Installing the speaker units on the rod of the subwoofer (Line array style) (page 22)

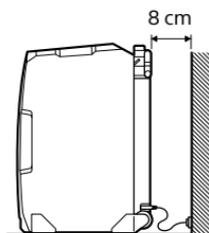


### Notes

- Do not let children or infants be near the system.
- Do not install the system on a slope.
- Take following precautions when installing the speaker system and the subwoofer.
  - Do not block the ventilation holes on the rear panel of the subwoofer.
  - Do not place the speaker system and the subwoofer in a metal cabinet.
  - Do not place an object such as an aquarium between the speaker system and the subwoofer.
  - Place the subwoofer close to the speaker system in a same room.
- When the speaker system is placed in front of a TV, be sure not to obstruct the TV screen or the TV remote control sensor. If the TV remote control sensor is obstructed by the speaker system, the remote control may not be able to control the TV.



- Place the subwoofer at least 8 cm from the wall to avoid damaging the protruding AC power cord.

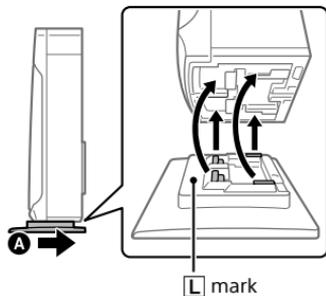


### Attaching the speaker stands

Attach the speaker stands as shown below. Be sure to use the corresponding speaker stands for the left and right speaker units.

#### ■ For the left speaker unit

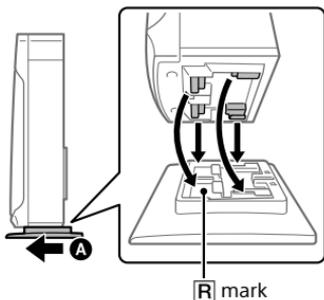
Insert the elevated part of the speaker stand into the recessed area of the speaker unit and slide the stand in the direction of arrow **A** until it snaps into position.



When sliding the stand, the hooks on both the stand and the speaker unit are engaged into each other.

### ■ For the right speaker unit

Insert the elevated part of the speaker unit into the recessed area of the speaker stand and slide the stand in the direction of arrow **A** until it snaps into position.



When sliding the stand, the hooks on both the stand and the speaker unit are engaged into each other.

### To detach the speaker stands

Slide the stand in the opposite direction of arrow **A**.

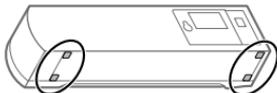
## Combining the speaker units (Soundbar style)

### 1 Attach the supplied speaker pads on the speaker units to prevent them from slipping.

Left speaker unit



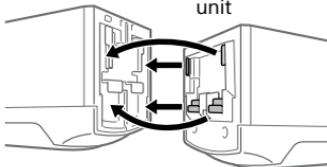
Right speaker unit



### 2 Insert the elevated part of the right speaker unit into the recessed area of the left speaker unit.

Left speaker unit

Right speaker unit



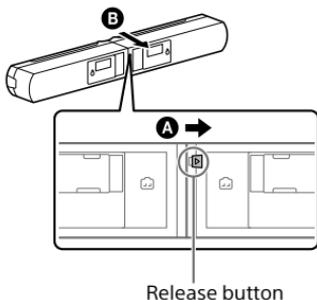
### 3 Slide the left speaker unit in the direction of the arrow until it snaps into the locked position.



By sliding the left speaker unit, the hooks on the brackets are engaged into each other and both speakers snap into the locked position.

### To separate the speaker units

While pushing the release button in the direction of arrow **A**, slide the left speaker unit in the direction of arrow **B**.



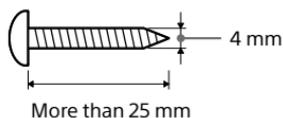
## Installing the speaker units as a combined unit (Soundbar style) on a wall

### Notes

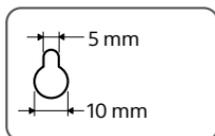
- Use screws that are suitable for the wall material and strength. As a plaster board wall is especially fragile, attach the screws securely to a wall stud. Install the speaker system on a vertical and flat reinforced area of the wall.
- Be sure to subcontract the installation to Sony dealers or licensed contractors and pay special attention to safety during the installation.
- Sony is not responsible for accidents or damage caused by improper installation, insufficient wall strength, improper screw installation or natural calamity, etc.

### 1 Combine the speaker units (Soundbar style) (page 20).

### 2 Prepare screws (not supplied) that are suitable for the holes on the back of the speaker system.

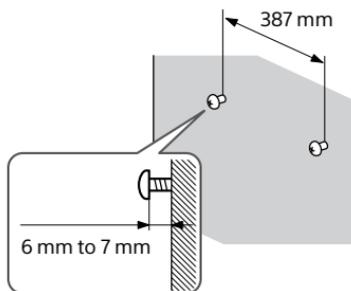


Hole on the back of the speaker system



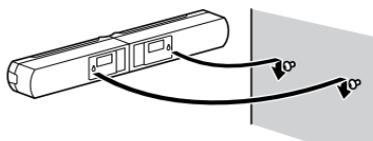
### 3 Drive the screws to the wall.

The screws should protrude 6 mm to 7 mm from the wall.



### 4 Hang the speaker system onto the screws.

Align the holes on the back of the speaker system to the screws, then hang the speaker system onto the 2 screws.



### Note

Be sure to hold both the speaker units. The combined speaker units may come off if you only hold one end.

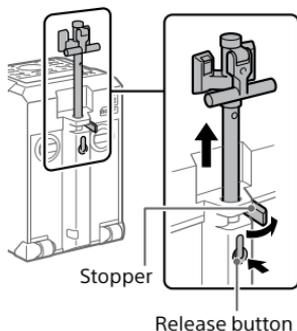
## Attaching the speaker units onto the mounting rod of the subwoofer (Line array style)

### Note

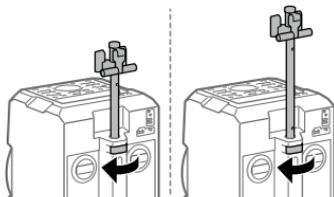
Remove any USB devices from the system beforehand to prevent them from being damaged by accidentally dropping the speaker units.

### 1 Pull up the mounting rod of the subwoofer.

- 1 Unlock the stopper, then pull up and extend the rod while pressing the release button.



- 2 Release the button and stop the rod at the desired position. The rod stops in two positions along with the holes in the rod. Lock the stopper and make sure the rod is securely fastened.

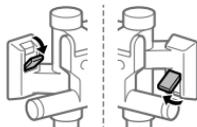


### Notes

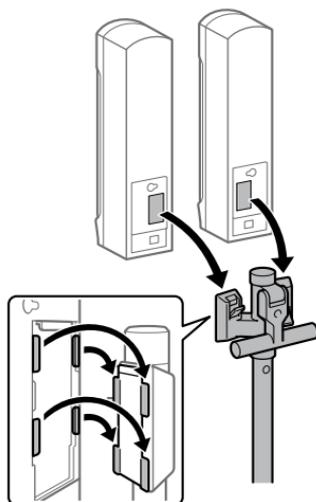
- Adjust the position of the rod before attaching the speaker units.
- Be careful not to get your hand caught when putting the rod back into the storing position.

### 2 Mount the speaker units to the attachments.

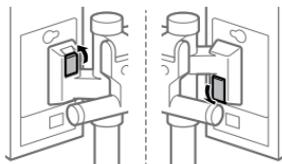
- 1 Open the lock lever.



- 2 Align the bracket of the speaker unit with the bracket of the speaker attachment, and then slide down to attach the speaker unit.

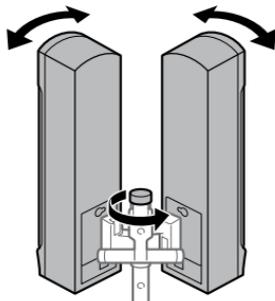


③ Close the lock lever.



### 3 Adjust the angle of the speaker units.

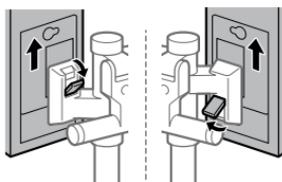
Loosen the knob and adjust the speaker units to the desired angle.



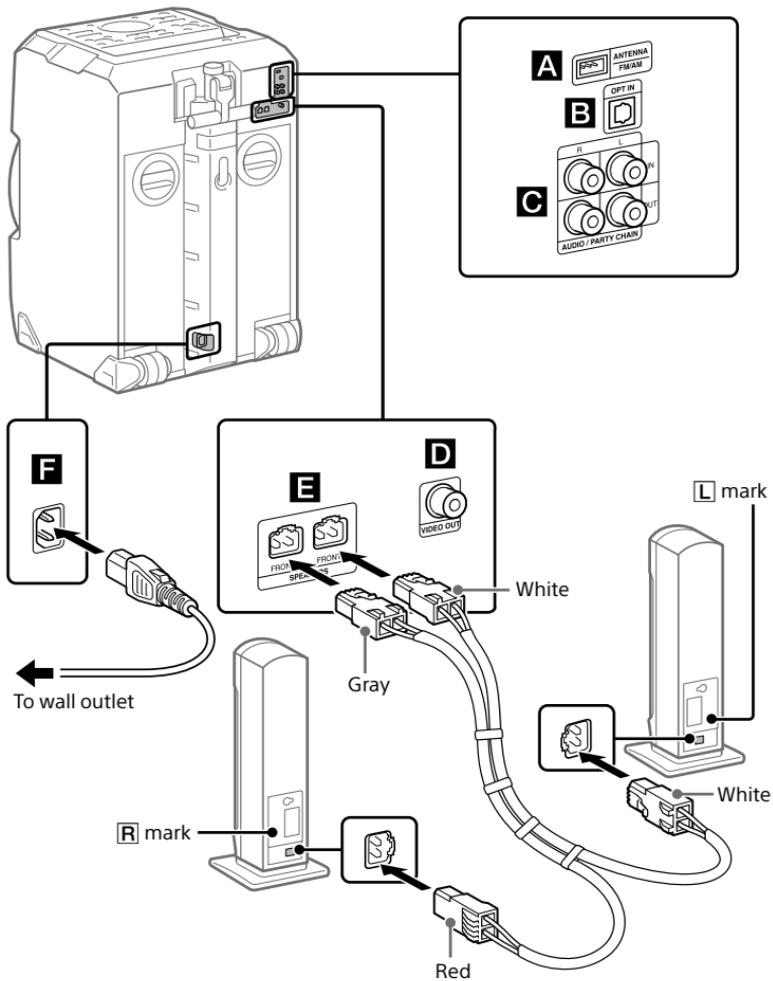
After adjustment, tighten the knob to lock the speaker position.

### To detach the speaker units

Open the lock lever and slide the speaker units upward to detach them.

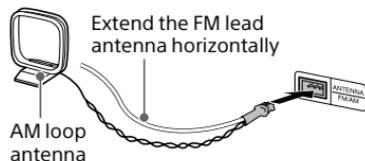


# Hooking up the system securely



**A Antenna**

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

**B Optical input (OPT IN) jack**

Use the optical digital cable (supplied) to connect to the Digital Out (Optical) jack of a TV when listening to the TV sound using this system (page 27).

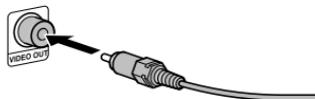
**C Audio input and output jacks**

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

- **AUDIO OUT/PARTY CHAIN OUT L/R jacks**
  - Connect to the audio input jacks of an optional equipment.
  - Connect to another audio system to enjoy the Party Chain function (page 60).
- **AUDIO IN/PARTY CHAIN IN 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 Party Chain function (page 60).

**D Video out jack**

Use a video cord to connect to the video input jack of a TV or projector.

**Note**

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

**E Speakers**

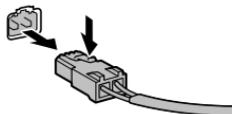
Use the speaker cord (supplied) to connect to speaker units.

**Notes**

- Be sure to use only the supplied speaker.
- When connecting speaker cord, insert the connector straight into the terminal.

**To disconnect the speaker cord**

While pushing down the lock lever, pull out the connector from the terminal.

**F Power**

Connect the AC power cord (supplied) to the system, and then to the wall outlet.

When the AC power cord is connected, the demonstration (page 31) starts automatically. If you press **I/⏻** to turn on the system, the demonstration ends.

---

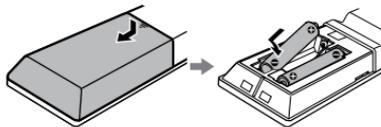
## Deactivating the demonstration

To deactivate the demonstration while the system is turned off, press DISPLAY repeatedly to select Power Saving Mode (page 31).

---

## Inserting batteries

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

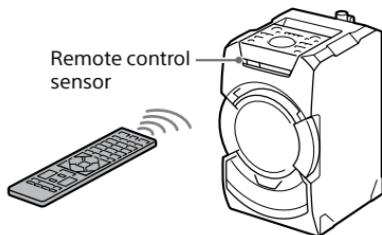


### Notes

- 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.

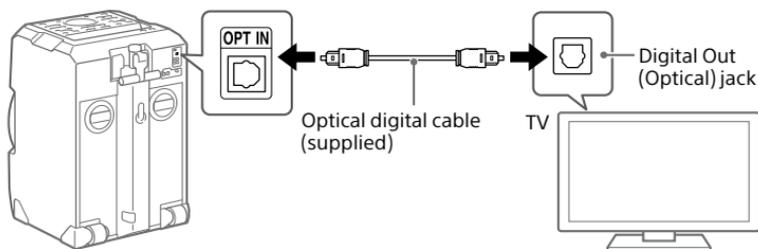
### To operate the subwoofer using the remote control

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



## Preparing for TV sound

You can listen to the TV sound through this system by connecting the subwoofer and the TV as shown below, using the optical digital cable (supplied).



### To listen to the TV sound with an optical digital connection

Turn on the TV, and then press FUNCTION +/- repeatedly to select the optical function.

#### Note

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

#### Hints

- You can also connect external equipment (DVD players, etc.) to the OPT IN jack. When connecting such equipment, connect the OPT IN jack and the Digital Out (Optical) jack of the equipment in the same manner as shown 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 "SIGNAL ERR" appear on the display of the subwoofer

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

In this case, select the proper audio output mode on the TV or external equipment in order to output 2-channel Linear PCM audio signals.

### **When no TV sound is heard from the system**

If the messages "CODE 01" and "SIGNAL ERR" appear on the display and no TV sound is heard from the subwoofer and the speaker system, check the following items and take the corrective actions on the TV.

- Check that the speaker output setting is set to use external speakers.

Example: KDL-42W800B

- 1** Press the HOME button on the TV remote control, and then select the setting item.
  - 2** Select the sound setting item, and then select the speaker setting item.
  - 3** Select the external speaker output mode.
- Check the audio output setting, and if automatic mode is selected, change it to PCM output mode. This system supports 2-channel Linear PCM formats only.

Example: KDL-42W800B

- 1** Press the HOME button on the TV remote control, and then select the setting item.
- 2** Select the sound setting item, and then select the digital audio output setting item.
- 3** Select the PCM output mode.

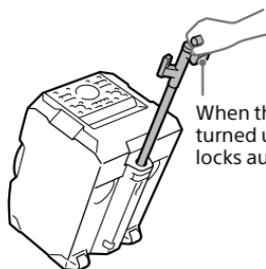
#### **Note**

The information provided above is based on a Sony TV. In case of another TV or external equipment, check the setting of similar items. For details, refer to the operating instructions of your TV or external equipment.

## Carrying the system

The subwoofer has caster wheels and a flip handle on the rod so that you can roll it easily. Normally, carrying the subwoofer by this method is recommended on flat surfaces.

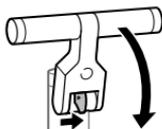
Before carrying the subwoofer, disconnect all the cables and speaker units.



When the handle is turned up fully, it locks automatically.

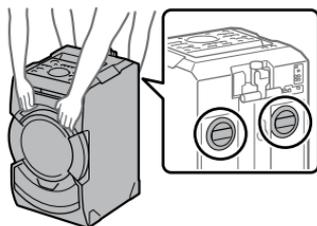
### To fold down the handle

Push the stopper to the right, and fold down the handle.



### Notes

- The caster wheels can be used only on flat surfaces. Lift the subwoofer by two people on uneven surfaces. Correct hand placement while carrying the subwoofer is very important to avoid personal injury and/or property damage.



- Exercise extreme caution when carrying the subwoofer on a slope.
- Do not lift the subwoofer by the flip handle on the rod.
- Do not carry the soundbar style speaker system with holding one end as the combined speaker units may come off.



- Do not carry the subwoofer with the speaker units installed (Line array style) as the speaker units may drop.



- Do not carry the subwoofer with a person, luggage, etc. on it.
- Do not let children or infants be near when carrying the system.
- This system is not drip-proof or waterproof. Do not carry the system on a wet place.

---

## 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 subwoofer to perform this operation.

- 1 Press **I/⏻** to turn on the system.
- 2 Press **FUNCTION**, turn the **MULTI CONTROL** knob to select “DVD/CD,” and then press **ENTER**.
- 3 Hold down **MIC ECHO** and **ENTER** for more than 3 seconds. “COLOR NTSC” or “COLOR PAL” appears on the display.

---

## Performing the quick setup

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

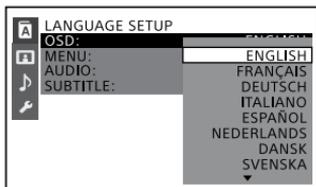
- 1 Turn on your TV and select the video input.
- 2 Press **I/⏻** to turn on the system.

- 3 Press **FUNCTION +/-** repeatedly to select “DVD/CD,” “USB 1,” or “USB 2.”

The guide message [Press ENTER to run QUICK SETUP.] appears at the bottom of the TV screen.

- 4 Press **[+]** without loading a disc or connecting a USB device.

[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 42).

### To quit the quick setup

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” on page 75).

---

## Setting the clock

**1** Press I/⏻ to turn on the system.

**2** Hold down SHIFT, then press **TIMER MENU**.

If "PLAY SET" appears on the display, press ↕/↔ repeatedly to select "CLOCK SET," then press .

**3** Press ↕/↔ repeatedly to set the hour, then press .

**4** Press ↕/↔ repeatedly to set the minutes, then press .

### Note

You cannot set the clock in Power Saving Mode.

---

## 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 display scrolls messages about the main features of this system with the illumination turned on. To turn off the illumination, press **PARTY LIGHT**.

---

### No display (Power Saving Mode)

The display is turned off to conserve power. The timer and clock continue to operate.

---

### Clock

The clock is displayed for a few seconds, then the system enters the Power Saving Mode.

---

## Disc/USB Playback

### Before using the USB device

For compatible USB devices, see "Websites for compatible devices" (page 11).

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

### Basic playback

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

- 1 Press **FUNCTION +/-** repeatedly to select "DVD/CD," "USB 1," or "USB 2."

You can also use the buttons on the subwoofer. Press **FUNCTION**, turn the **MULTI CONTROL** knob to select "DVD/CD," "USB 1," or "USB 2," and then press **ENTER**.

- 2 Prepare the playback source.

**For DVD/CD function:**

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



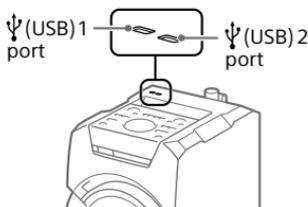
When you playback an 8 cm disc such as a CD single, place it on the inner circle of the tray.

Press **▲** on the subwoofer 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) 1** or **ψ(USB) 2** port according to your selection in step 1.



**Note**

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

- 3 **(DATA CD DATA DVD USA only)**  
Press **MEDIA MODE** repeatedly to select the media type ([MUSIC]/[VIDEO]/[PHOTO]) you want.
- 4 Press **▶** to start playback.

## Other operations

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

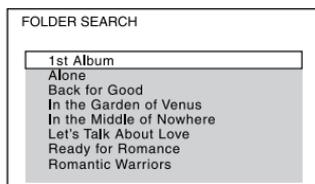
## To select USB memory

You can select which memory to use as a playback source or transfer destination if the USB device has an internal memory and a memory card. Make sure to select a memory before starting playback or transfer.

- 1 Press **OPTIONS**.
- 2 Press **↕** repeatedly to select "MEM SEL," then press **[+]**.
- 3 Press **↕** repeatedly to select the memory you want, then press **[+]**.  
To exit the options menu, press **OPTIONS**.

## To play from a specific audio or video 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 **[+]**.

## To play from a specific image file (slide show)

1 Press MEDIA MODE repeatedly to select [PHOTO].

2 Press DVD/TUNER MENU.

Thumbnail picture for the first 16 JPEG image files in the selected folder is displayed on the TV screen.

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

If there are more than 16 image files in the selected folder, the scroll bar appears at the right.

3 Press  $\uparrow/\downarrow/\leftarrow/\rightarrow$  repeatedly to select the file you want, then press  $\blacktriangleright$ .

## Other playback operations



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.
Return to folder list when in file list	Press RETURN.

To	Do this
Locate a point quickly in fast forward or fast reverse (Lock Search)	Press $\lll$ or $\ggg$ during playback. Each time you press $\lll$ or $\ggg$ , the playback speed changes.
Watch frame by frame (Slow-motion Play)	Press $\text{II}$ , then press $\lll$ or $\ggg$ . Each time you press $\lll$ or $\ggg$ , the playback speed changes.
View images in thumbnail view	Press DVD/TUNER MENU.
Navigate in thumbnail view	Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ .
View single image	Press $\text{+}$ in thumbnail view.
Start image slide show	Press $\blacktriangleright$ . You can change the interval of the slide show (page 44), and add effects to the slide show (page 44).
Stop image slide show	Press $\blacksquare$ .
View next or previous image during slide show	Press $\lll$ or $\ggg$ .
Rotate the image by 90 degrees	Press $\leftarrow/\rightarrow$ while viewing a picture. Press CLEAR to return to the original view.

## Searching a specific track

**< D**

Hold down **SHIFT**, press the numeric buttons to select the track you want to play back, and 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**, press the numeric buttons to enter the title, chapter, scene, track, or index number you want, and then press **[+]**.  
Playback starts.

### Notes

- 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**, press the numeric buttons to enter the time code, and then press **[+]**.  
Example: To find a scene at 2 hours, 10 minutes, and 20 seconds after the beginning, hold down **SHIFT**, then press 2, 1, 0, 2, 0 ([2:10:20]).  
If you make a mistake, 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, and 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 84) 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/DATA CD/DATA DVD (MP3 file) or USB device (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**, press the numeric buttons to select the item number you want, and 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 45).

### Note

To play from the beginning of the disc, press **■** twice, then press **▶**.

## Using 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 all the tracks/files in sequential order.
- **[FOLDER]\***: plays all compatible files in the specified folder on the disc.

\* Cannot be selected for AUDIO CD.

#### ■ When playing a USB device

- **[ALL USB DEVICES]**: plays all compatible files on both USB devices sequentially.
- **[ONE USB DEVICE]**: plays all compatible files on one USB device sequentially.
- **[FOLDER]**: plays all compatible files in the specified folder on the USB device.

### 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

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

### Notes

- Shuffle Play cannot be performed for image and video files.
- Shuffle Play is canceled when you:
  - turn off the system.
  - open the disc tray.
  - perform USB 1 to USB 2 transfer (except REC1 transfer).
  - perform disc to USB device transfer (except REC1 transfer).
  - change MEDIA MODE.
  - switch the USB memory select.
- Shuffle Play may be canceled when you select a folder or a track to play back.

## Creating your own program (Program Play)



You can make a program of up to 25 steps in the order you want them to be played back.

You can only program the audio tracks/files from the disc or USB 1.

**1** Press **FUNCTION +/-** repeatedly to select "DVD/CD" or "USB 1."

**2**    only)  
Press **MEDIA MODE** repeatedly to select [MUSIC].

**3** When playback is stopped, press **PLAY MODE** repeatedly to select [PROGRAM].

**4** Press **SEARCH**.

The folder list or track list appears on the TV screen.

**5**    only)  
Press **↕/↔** repeatedly to select the folder you want, then press



File list appears on the TV screen.

**6** Press **↕/↔** repeatedly to select the track or file you want, then press .

The program step number appears on the left side of the selected track or file.

**7** To program other tracks or audio files in the same folder, repeat step 6.

To program files on other folders, press **RETURN** to return to folder list and repeat steps 5 and 6.

**8** Press **▶** to start Program Play.

Program list is displayed on the TV screen.

When the Program Play ends, you can restart the same program by pressing **▶**.

### To delete a programmed step

**1** Use the same procedure as in step 4 and step 5 of "Creating your own program (Program Play)."

**2** Press **↕/↔** repeatedly to select the track or file you want to delete, then press .

The program step number disappears.

## To delete the last step from the program list

Press CLEAR.

## To cancel Program Play

When playback is stopped, press PLAY MODE repeatedly to select other play modes.

## To display the program list

Hold down SHIFT, then press  DISPLAY repeatedly.

### Notes

- Program Play cannot be performed for image and video files.
- Program Play is canceled when you:
  - open the disc tray.
  - change MEDIA MODE.
  - switch the USB memory select.
- (DVD/CD function only) The program list is cleared when you open the disc tray.
- (USB function only) The program list is cleared when you:
  - perform the erase operation.
  - remove the USB device.
  - switch the USB memory select.
- (USB function only) Program Play is only available when the USB device is connected to the  (USB) 1 port.

## Playing repeatedly (Repeat Play)

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

### Press REPEAT 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 repeatedly to select [OFF].

### Notes

-  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 USB 1 to USB 2 transfer (except REC1 transfer).
  - perform disc to USB device transfer (except REC1 transfer).
  - change MEDIA MODE.
  - switch the USB memory select.

---

## 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, press **SETUP**.
- 2** Press **↑/↓** repeatedly to select **[SYSTEM SETUP]**, then press **[+]**.
- 3** Press **↑/↓** repeatedly to select **[PARENTAL CONTROL]**, then press **[+]**.
- 4** Enter or re-enter your 4-digit password using the numeric buttons, then press **[+]**.
- 5** Press **↑/↓** repeatedly to select **[STANDARD]**, then press **[+]**.
- 6** Press **↑/↓** repeatedly to select a geographic area as the playback limitation level, then press **[+]**.  
The area is selected.  
When you select **[OTHERS→]**, enter the area code for the geographic area you want according to the "Parental Control area code list" (page 85) by using the numeric buttons.

**7** Press **↑/↓** repeatedly to select **[LEVEL]**, then press **[+]**.

**8** Press **↑/↓** repeatedly to select the level you want, then press **[+]**.

The lower the value, the stricter the limitation.

### To turn off the parental control function

Set **[LEVEL]** to **[OFF]** in step 8.

### To play back a disc for which the parental control is set

- 1** Load the disc and press **▶**.  
The display for entering your password appears on the TV screen.
- 2** Enter your 4-digit password using the numeric buttons, then press **[+]**.  
The system starts playback.

### If you forget your password

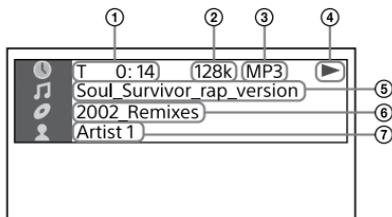
Remove the disc and repeat steps 1 to 3 of "Restricting playback of the disc" (page 40). Enter a password "199703" using the numeric buttons, then press **[+]**. Follow the on-screen instructions and enter a new 4-digit password. Then, reload the disc and press **▶**. You need to enter your new password again.

# Viewing information of a disc and USB device

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

## Information on the TV screen

Hold down **SHIFT**, then press **DISPLAY** repeatedly during playback.



- ① **Playback information**  
Playing time, remaining time and date information<sup>1)</sup>
- ② **Bit rate**
- ③ **File type**
- ④ **Playback status**
- ⑤ **Title<sup>2)</sup>/track/file name<sup>3)</sup>**
- ⑥ **Album<sup>2)</sup>/folder name<sup>3)</sup>/chapter/index number**
- ⑦ **Artist name<sup>2)3)</sup>**  
Appears when playing an audio file.

<sup>1)</sup> Date information is displayed when the Exif (Exchangeable Image File Format) is recorded in the JPEG image file. Exif is a digital camera image format defined by the Japan Electronics and Information Technology Industries Association (JEITA).

- <sup>2)</sup> If an audio file has an ID3 tag, the system will display an album name/ title name/artist name from the ID3 tag information. The system can support ID3 ver 1.0/1.1/2.2/2.3.
- <sup>3)</sup> If the file or folder contains characters which cannot be displayed, those characters will be displayed as “\_”.

### Notes

- 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.

## Displaying the audio format information in DVD VIDEOS and video files

(DVD VIDEO and video files only)

Press **AUDIO** repeatedly during playback.

## Information on the display

Press **DISPLAY** repeatedly when the system is 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

### Notes

- 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, press SETUP.**  
The setup menu appears on the TV screen.
- 2 Press  $\blacktriangleleft/\blacktriangleright$  repeatedly to select [LANGUAGE SETUP], [VIDEO SETUP], [AUDIO SETUP], or [SYSTEM SETUP], then press .**
- 3 Press  $\blacktriangleleft/\blacktriangleright$  repeatedly to select the item you want, then press .**
- 4 Press  $\blacktriangleleft/\blacktriangleright$  repeatedly to select the setting you want, then press .**  
The setting is selected and setup is completed.

### To exit the menu

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 84) using the numeric buttons.



## Setting the TV screen - [VIDEO SETUP]

### [TV TYPE]

DVD-V

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



**[4:3 LETTER BOX]:** Select 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]:** Select 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.



### [COLOR SYSTEM(VIDEO CD)]

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

VIDEO CD

Sets the color system (PAL or NTSC) when you play back a VIDEO CD.

**[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 30).

### [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 position.

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

---

### [PHOTO EFFECT]

DATA CD DATA DVD USB

(JPEG image files only)

Select an effect for the slide show.

**[MODE 1]:** The image sweeps in from top to bottom.

**[MODE 2]:** The image sweeps in from left to right.

**[MODE 3]:** The image stretches out from the center.

**[MODE 4]:** The image randomly cycles through the effects.

**[MODE 5]:** The next image slides over the current image.

**[OFF]:** Turns off the effects.

---

### [PHOTO INTERVAL]

DATA CD DATA DVD USB

(JPEG image files only)

Select the slide show duration.

**[NORMAL]:** Sets the duration to the standard duration.

**[FAST]:** Sets the duration shorter than [NORMAL].

**[SLOW 1]:** Sets the duration longer than [NORMAL].

**[SLOW 2]:** Sets the duration longer than [SLOW 1].

---



## Setting the audio options - [AUDIO SETUP]

---

### [AUDIO DRC]

(Dynamic Range Compression)

DVD-V

Useful for watching movies at low volume late at night.

**[OFF]:** No compression of dynamic range.

**[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.

---

### [SCORE MODE]

Select the scoring mode to rate your singing when in Karaoke mode.

**[BEGINNER 1]:** Beginner level. The score is displayed while singing.

**[BEGINNER 2]:** Beginner level.

**[EXPERT 1]:** Advance level. The score is displayed while singing.

**[EXPERT 2]:** Advance level.

**[DEMO]:** Demonstration mode.

The score is displayed regardless of singing.

---

### [A/V SYNC]

DVD-V VIDEO CD DATA CD DATA DVD

(Video files only)

Adjusts the delay between the picture and sound when the sound does not synchronize with the displayed picture.

**[OFF]:** Does not adjust.

**[ON]:** Adjusts the delay between picture and sound.

---

### [DOWNMIX]

DVD-V

Select 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.

---



## Setting the system – [SYSTEM SETUP]

### [SCREEN SAVER]

The screen saver will help prevent your display device from becoming damaged (ghosting). Press any button 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" (page 40).

### [MULTI-DISC RESUME]

DVD-V VIDEO CD

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

**[OFF]:** Does not store the resume playback point in the memory. 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 75).

## USB Transfer

### Before using the USB device

For compatible USB devices, see “Websites for compatible devices” (page 11).

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

### Transferring music

You can transfer music from a sound source to a USB device connected to the  $\psi$  (USB) 2 port.

#### Audio formats created by the transfer

■ **Sound source: Discs, radio, or optional equipment connected to the AUDIO IN L/R jacks**

Transferred files are created in MP3 format.

■ **Sound source: USB device connected to the  $\psi$  (USB) 1 port**

Transferred files are created in the same format (MP3, WMA or AAC) as the source audio files.

#### Notes

- 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/WMA/AAC files are transferred with the same bit rate as the original files.
- USB transfer and erase operations are disabled while the disc tray is open.

#### 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 USB memory

See page 33.

#### To select the bit rate

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

**1** Press **OPTIONS**.

**2** Press  $\uparrow/\downarrow$  repeatedly to select “BIT RATE,” then press  $\boxed{+}$ .

**3** Press  $\uparrow/\downarrow$  repeatedly to select the bit rate you want, then press  $\boxed{+}$ .

- 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**.

#### Note

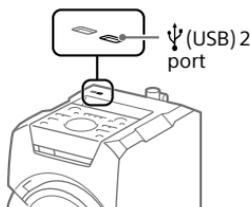
The bit rate can be changed only when the sound source is CD-DA tracks on AUDIO CDs, radio sound, or optional equipment connected to the AUDIO IN L/R jacks.

## Transferring music from a disc, a USB device or an analog audio source

You can transfer music to a USB device connected to a  $\psi$  (USB) 2 port as follows:

- **Synchronized Transfer:** Transfers all the music on a disc or USB 1 to USB 2.
- **REC1 Transfer:** Transfers a single track or audio file during playback.
- **Analog Transfer:** Transfers audio from the radio or from optional equipment connected to the AUDIO IN L/R jacks.

### 1 Connect the transfer destination USB device to the $\psi$ (USB) 2 port.



#### Note

You can use a USB adaptor (not supplied) to connect the USB device to the subwoofer if the USB device cannot be plugged into the  $\psi$  (USB) port.

### 2 Select the function.

#### Discs:

Press FUNCTION +/- repeatedly to select "DVD/CD." After selecting the function, load the disc.

If the system starts playback automatically, press  $\blacksquare$  twice to stop the playback fully.

#### USB:

Press FUNCTION +/- repeatedly to select "USB 1." After selecting the function, connect the USB device containing audio files you want to transfer to  $\psi$  (USB) 1 port.

#### Analog audio source:

Press FUNCTION +/- repeatedly to select the source ("TUNER FM"/"TUNER AM"/"AUDIO IN") you want to transfer.

### 3 Prepare the sound source.

#### Synchronized Transfer:

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

#### Note

If you start transferring in Shuffle Play, Repeat Play or Program Play with no steps, the selected play mode changes to Normal Play automatically.

#### REC1 Transfer:

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

### **Analog Transfer:**

To transfer a radio program, see “Listening to the radio” (page 50) to tune to the desired station.

To transfer sound from the optional equipment connected to the AUDIO IN L/R jacks, see “Using optional equipment” (page 66) to start playing the connected equipment.

## **4 Press REC TO USB on the subwoofer.**

“PUSH ENTER” appears on the display.

## **5 Press .**

The transfer starts when “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:**

When the transfer is complete, the disc or USB device stops automatically.

### **REC1 Transfer:**

The transfer is completed automatically, but the disc or USB device continues to play the next track or file.

### **Analog Transfer:**

The transfer continues until  is pressed.

## **To stop transfer**

Press .

## **To transfer sound as a new MP3 file during Analog Transfer**

Press REC TO USB on the subwoofer during Analog Transfer. “NEW TRACK” appears on the display.

## **Notes on Analog Transfer**

- While an MP3 file is being created, transfer is disabled.
- If you press REC TO USB on the subwoofer again after a few seconds, a new MP3 file can be created.
- A new MP3 file is created automatically approximately 1 hour after Analog Transfer begins.

## **Notes on transfer**

- You cannot transfer audio files on a UDF (Universal Disk Format) formatted disc to the USB device.
- While transferring (except analog transfer), 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 or tuner band.
- 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 audio 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 CD-DA tracks from an AUDIO CD

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

#### ■ When transferring MP3 files from a disc or MP3/WMA/AAC files from a USB device

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

### REC1 Transfer

#### ■ When transferring a CD-DA track from an AUDIO CD

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

#### ■ When transferring an MP3 file from a disc or MP3/WMA/AAC file from a USB device

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

## Analog Transfer

#### ■ When transferring an FM program

Folder name: "TUFM0001"\*  
File name: "TRACK001"\*

#### ■ When transferring an AM program

Folder name: "TUAM0001"\*  
File name: "TRACK001"\*

#### ■ When transferring sound from the optional equipment connected to the AUDIO IN L/R jacks

Folder name: "EXAU0001"\*  
File name: "TRACK001"\*

\* Folder and file numbers are assigned serially thereafter.

#### Hint

In Program Play mode, the folder name is "PGM\_xxxx," and the file name depends on the music source (AUDIO CD or audio files).

## Erasing audio files or folders on the USB device

- 1 Press **FUNCTION +/-** repeatedly to select "USB 1" or "USB 2."
- 2 Press **MEDIA MODE** repeatedly to select [MUSIC].
- 3 When playback is stopped, press **OPTIONS**.
- 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 **[+]**.
- 6 Press **↕/↔** repeatedly to select an audio file you want to erase, then press **[+]**.  
If you want to delete all the audio files in the folder, select [ALL TRACKS] on the list.  
"FLDR ERASE" or "TRK 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 **OPTIONS**.

### Notes

- You cannot erase audio files or folders when Shuffle Play or Program Play mode has been selected. Set the play mode to Normal Play before erasing.
- A folder that contains non-MP3/WMA/AAC format audio files or sub folders cannot be erased.
- Erase operation is prohibited when the disc tray is opened.

## Tuner

### Listening to the radio

- 1 Press **FUNCTION +/-** repeatedly to select the tuner function ("TUNER FM" or "TUNER AM").  
You can also use the buttons on the subwoofer. Press **FUNCTION**, turn the **MULTI CONTROL** knob to select "TUNER FM" or "TUNER AM," and then press **ENTER**.
- 2 Tune to a station.

#### For automatic scanning:

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

Scanning stops automatically and "TUNED" lights up on the display when a station is found.

If "TUNED" does not light up and 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 **FM MODE** repeatedly until "MONO" lights up on the display. You will lose the stereo effect, but reception will improve.

## To change the AM tuning interval

(Except for European and Russian models)

The default setting for AM tuning interval is 9 kHz (or 10 kHz for some areas).

Note that you cannot change the AM tuning interval in Power Saving Mode.

Use the buttons on the subwoofer to perform this operation.

- 1 Press **FUNCTION**, turn the **MULTI CONTROL** knob to select "TUNER AM," and then press **ENTER**.
- 2 Press **I/⏻** to turn off the system.
- 3 While holding down **ENTER**, press **FOOTBALL**.  
"9K STEP" or "10K STEP" appears on the display.  
When you change the interval, all the AM preset stations are erased.

## Presetting radio stations

You can store up to 20 FM and 10 AM stations as your favorite stations.

- 1 **Tune to the station you want.**
- 2 Press **DVD/TUNER MENU**.
- 3 Press **↕/↕** repeatedly to select the preset number you want, then press **+**.  
"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. You can also hold down **SHIFT**, press the numeric buttons, and then press **+** to select a preset station.

## BLUETOOTH

### About the BLUETOOTH wireless technology

BLUETOOTH wireless technology is a short-range wireless technology that enables wireless data communication between digital devices. BLUETOOTH wireless technology operates within a range of about 10 meters.

#### Supported BLUETOOTH version, profiles and codecs

For details, see “BLUETOOTH section” (page 82).

#### Compatible BLUETOOTH devices

For details, see “Websites for compatible devices” (page 11).

### About the BLUETOOTH indicator

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

System status	Indicator status
BLUETOOTH standby	Flashes slowly
BLUETOOTH pairing	Flashes quickly
BLUETOOTH connection is established	Lights 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 55).)

**1 Place the BLUETOOTH device within 1 meter from the system.**

**2 Press BLUETOOTH on the subwoofer to select the BLUETOOTH function.**

“BLUETOOTH” appears on the display.

#### Hints

- 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 subwoofer to disconnect the BLUETOOTH device.

**3 Hold down PAIRING on the subwoofer 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 the system's name (for example, "MHC-GT5D") 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 Perform the BLUETOOTH connection on 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.

##### Notes

- You can pair up to 9 BLUETOOTH devices. If the 10th 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.

#### To cancel the pairing operation

Hold down PAIRING on the subwoofer for 2 seconds or more until "BLUETOOTH" appears on the display.

#### To delete pairing information

Use the buttons on the subwoofer to perform this operation.

##### 1 Press BLUETOOTH to select the BLUETOOTH function.

"BLUETOOTH" appears on the display.

If the system is connected to a BLUETOOTH device, the BLUETOOTH device name appears on the display. Press BLUETOOTH to terminate the BLUETOOTH connection.

##### 2 Hold down ENTER and – for about 3 seconds.

"BT HISTORY CLEAR" appears on the display and all the pairing information is erased.

---

## Listening to music on a BLUETOOTH device

You can operate a BLUETOOTH device by connecting the system and the BLUETOOTH device using AVRCP.

Check the following before playing music:

- The BLUETOOTH function of the BLUETOOTH device is turned on.
- Pairing has been completed (page 52).

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

### 1 Press BLUETOOTH on the subwoofer to select the BLUETOOTH function.

“BLUETOOTH” appears on the display.

### 2 Perform a BLUETOOTH connection with the BLUETOOTH device.

Press BLUETOOTH on the subwoofer 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.

#### Notes

- 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 subwoofer or ►.
- If you try to connect another BLUETOOTH device to the system, the current connected BLUETOOTH device will be disconnected.

#### To terminate the BLUETOOTH connection

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

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

# 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)

## Notes

- 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 perform the following steps on your NFC-compatible smartphone in advance.
  - Turn on the NFC function. For details, refer to the operating instructions of the NFC-compatible smartphone.
  - If your NFC-compatible smartphone has an OS version that is older than Android 4.1.x, download and start the “NFC Easy Connect” application. “NFC Easy Connect” is a free application for Android smartphones that can be obtained from Google Play™. (The application may not be available in some countries/regions.)

- 1 Touch the smartphone to the N-Mark on the subwoofer until the smartphone vibrates.



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

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

- 2 Start playback of an audio source on the smartphone.

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

## Hint

If pairing and the BLUETOOTH connection fail, do the following.

- Remove the case from the smartphone if using a commercially available smartphone case.
- Touch the smartphone to the N-Mark on the subwoofer again.
- Relaunch the “NFC Easy Connect” application.

## To terminate the BLUETOOTH connection

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

---

## Setting the BLUETOOTH audio codecs

You can select a BLUETOOTH audio codec from AAC or SBC. AAC can be selected only when the BLUETOOTH device supports AAC.

**1** Press **OPTIONS**.

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

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

- BT AAC ON: AAC is available.
- BT AAC OFF: AAC is not available and SBC is enabled instead.

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

### Notes

- You can enjoy high quality sound if AAC is selected. If you cannot listen to AAC sound from your device or the sound is interrupted, select "BT AAC OFF."
- 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.

---

## Setting the BLUETOOTH standby mode

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

**1** Press **OPTIONS**.

**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 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. The BLUETOOTH signal is turned on by default.

Use the buttons on the subwoofer to perform this operation.

**Hold down ENTER and  + for about 3 seconds.**

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

**Notes**

- You cannot perform the following operations when BLUETOOTH signal is set to off:
  - Pairing and/or connecting with BLUETOOTH device
  - Erasing the pairing information
  - Using "SongPal" via BLUETOOTH
  - Change the BLUETOOTH audio codecs
- If you touch the N-Mark on the subwoofer with an NFC-compatible smartphone or set the BLUETOOTH standby mode to on, the BLUETOOTH signal will be set to on automatically.

## Using "SongPal" via BLUETOOTH

**About App**

You can control the system using the free App "SongPal," which is available on both Google Play and the App Store. Search for "SongPal" or scan the two-dimensional code below, then download the App to find out more about the convenient features.

**Note**

If the "SongPal" application does not work properly, press BLUETOOTH on the subwoofer to terminate the BLUETOOTH connection, then perform the BLUETOOTH connection again so that the BLUETOOTH connection functions normally.

## Sound Adjustment

### Adjusting the sound

To	Do this
Reinforce the bass and create a more powerful sound	Press MEGA BASS repeatedly to select "BASS ON." The MEGA BASS indicator on the subwoofer lights up.
Select a preset sound effect	Press MUSIC or VIDEO. You can also use the buttons on the subwoofer. Press SOUND FIELD, turn the MULTI CONTROL knob to select the sound effect you want, and then press ENTER. To cancel preset sound effect, press MUSIC repeatedly to select "FLAT." You can also use the buttons on the subwoofer to select "FLAT."

### Adjusting the subwoofer level

- Press **OPTIONS**.
- Press **↑/↓** repeatedly to select "SUBWOOFER," then press **+**.
- Press **↑/↓** repeatedly to select the subwoofer level, then press **+**.  
To exit the options menu, press **OPTIONS**.

---

## 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 Virtual Football mode during Audio In and optical functions.

### Press FOOTBALL 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 MUSIC repeatedly to select "FLAT."

#### Notes

- 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**.

**2** Press **↑/↓** repeatedly to select "EQ EDIT," then press **+**.

**3** Press **↑/↓** repeatedly to adjust the equalizer level, then press **+**.

**4** Repeat step 3 to adjust the level of other frequency bands and surround effect.

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

### To select the custom equalizer setting

Press MUSIC repeatedly to select "CUSTOM EQ."

---

## Creating a party atmosphere (DJ EFFECT)

Use the buttons on the subwoofer to perform this operation.

### 1 Press the following button to select the effect type.

- **FLANGER:** Creates a deep flanging effect that is similar to the roar of a jet plane.
- **ISOLATOR:** Isolates a specific frequency band by adjusting the other frequency bands. This is useful when you want to focus on the vocals.
- **SAMPLER:** Provides a series of special sound effects.

### 2 Change the sound effect.

#### For **FLANGER** and **ISOLATOR**:

Turn the **VOLUME/DJ CONTROL** knob to adjust the effect level.

#### For **SAMPLER**:

Press **SAMPLER** repeatedly to select "SAMPLER1" or "SAMPLER2," then press **S1/S2/S3/S4** to output the sampler sound effect.

To output other sampler sound effect continuously, turn the **VOLUME/DJ CONTROL** knob.

#### To turn off the effect

Press **DJ OFF** or the selected effect button again (for **FLANGER** and **ISOLATOR** only).

### Notes

- The **DJ EFFECT** is automatically turned off when you:
  - turn off the system
  - change the function
  - change the tuner band
  - activate or deactivate the Party Chain function
  - activate the Virtual Football mode
- The **DJ EFFECT** does not affect the transferred audio files. Transferred audio files will be generated without the **DJ EFFECT** even if you have activated it.
- You cannot use **VOLUME/DJ CONTROL** on the subwoofer to adjust the volume when the **DJ EFFECT** is activated. Press  $\triangleleft$  +/- on the remote control to adjust the volume.

## Other Operations

### Using the Party Chain function

You can connect multiple audio systems in a chain to create a more interesting party environment and to produce higher sound output. An activated system in the chain will be the “Party Host” and share the music. Other systems will become “Party Guests” and play the same music as that being played by the “Party Host.”

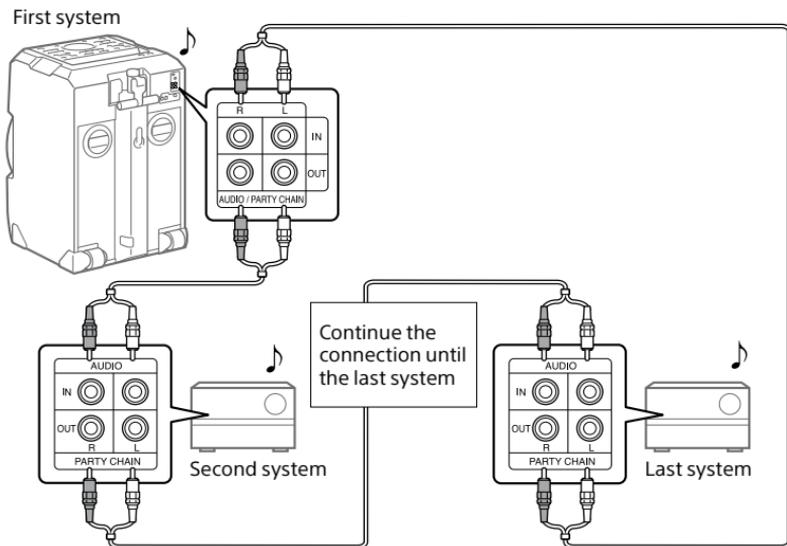
#### Setting up the Party Chain

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

Before connecting cords, be sure to disconnect the AC power cord.

#### **A** If all the systems are equipped with Party Chain function

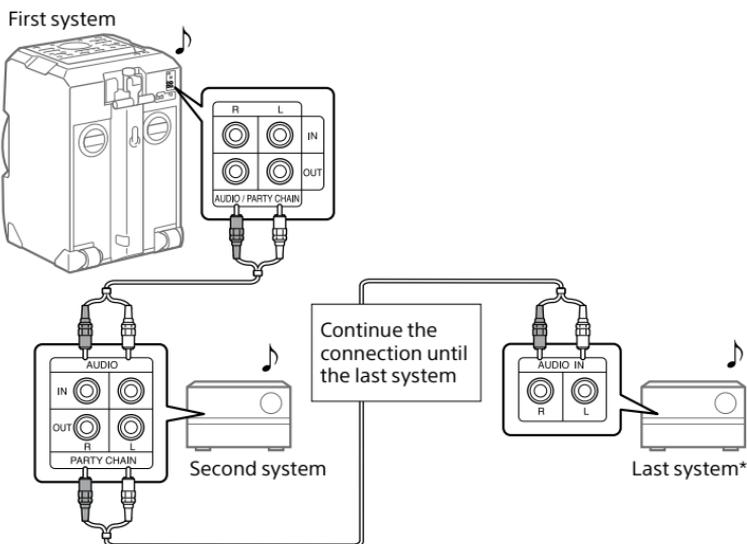
Example: When connecting using this system as the first system



- The last system must be connected to the first system.
- 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 62).

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

Example: When connecting using this system as the first system



\* Connect the system which is not equipped with Party Chain function at the last system. Be sure to select the Audio In function on this last system.

- The last system is not connected to the first system.
- You must select the first system as Party Host so that all systems are playing the same music when Party Chain function is activated.

## Enjoying the Party Chain

- 1 Plug in the AC power cord and turn on all the systems.**
- 2 Adjust the volume on each system.**
- 3 Activate the Party Chain function on the system to be used as the Party Host.**

### **Example: When using this system as the Party Host**

Press FUNCTION +/- repeatedly to select the desired function (except when the Audio In function is used in connection **A** (page 60)). Start playing the music, then press PARTY CHAIN on the subwoofer. "PARTY CHAIN" appears on the display. The Party Host starts the Party Chain, and other systems become Party Guests automatically. All systems play the same music as that being played by the Party Host.

### **Notes**

- Depending on the total unit of systems you have connected, Party Guests may take some time to start playing the music.
- Changing the volume level and sound effect on the Party Host will not affect the output on the Party Guests.
- The Party Guests continue playing the music source from the Party Host even if you change the function on any of the Party Guests. However, you can adjust the volume and change the sound effect on any of the Party Guests.
- When you use the microphone on Party Host, the sound will not be output from Party Guests.
- When one of the systems in the chain is performing USB transfer, wait for the system to complete or stop the transfer before you activate the Party Chain function.
- For detailed operation on other systems, refer to the operating instructions of the systems.

### **To select a new Party Host**

Repeat step 3 of "Enjoying the Party Chain" on the system to be used as a new Party Host. The current Party Host becomes Party Guest automatically. All systems play the same music as that being played by the new Party Host.

### **Notes**

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

## To deactivate the Party Chain

Press PARTY CHAIN on the Party Host.

### Note

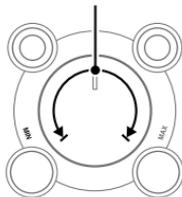
If the Party Chain function is not deactivated after a few seconds, press PARTY CHAIN on the Party Host again.

# Singing along: Karaoke

## Preparing for Karaoke

- 1 Turn MIC LEVEL on the subwoofer to MIN to reduce the microphone volume level.

Microphone volume range



- 2 Connect an optional microphone to MIC 1 or MIC 2 jack on the subwoofer.

Connect another optional microphone if you want to sing in duet.

- 3 Start playing the music and adjust the microphone volume. Press MIC ECHO repeatedly to adjust the echo effect.

- 4 Start singing along with the music.

### Notes

- Karaoke mode is turned on when the microphones are connected during DVD/CD or USB function.
- If howling occurs:
  - move the microphone away from the system.
  - change the direction of the microphone.
  - lower the microphone volume level.
  - press  $\triangleleft$  - to reduce the volume level or press MIC ECHO repeatedly to adjust the echo level.
- Microphone sound will not be transferred to the USB device during USB transfer.

## Using Vocal Fader

You can reduce the sound of the vocal in stereo source.

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

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

### Note

To use the Vocal Fader in the DVD/CD or USB function, turn on the Karaoke mode by connecting the microphone.

## Changing the key (Key Control)

Press KEY CONTROL b/# to suit your vocal range in Karaoke mode.

## Selecting the scoring mode (Score Mode)

When Karaoke mode is turned on, you can use the scoring function. 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 in Karaoke mode.**
- 3 After singing for more than a minute, press SCORE again to view your score.**

### To select the rating of the Score Mode

See [SCORE MODE] in "Setting the audio options – [AUDIO SETUP]" (page 44).

## Enjoying music with the Party Light and Speaker Light

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

### To turn off Party Light and Speaker Light

Press PARTY LIGHT repeatedly to select "LED OFF."

#### Note

If the illumination brightness is glaring, switch on the room lights or turn off the illumination.

## Using the timers

The system offers three timer functions. You cannot activate both the Play Timer and the Recording Timer at the same time. If you use either with the Sleep Timer, the Sleep Timer has priority.

### Sleep Timer

The system turns off automatically after the preset time.

#### Press SLEEP repeatedly to select the desired time.

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

#### Hint

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

### Play Timer/Recording Timer

Make sure you have set the clock (page 31).

#### Play Timer:

You can wake up to disc, tuner or USB device at a preset time.

#### Recording Timer:

You can transfer music from a preset radio station to a USB device at a specified time.

**1 Prepare the sound source.****Play Timer:**

Prepare the sound source, then press  $\triangleleft$  +/- to adjust the volume. When selecting a disc or USB device as a sound source, and you want to start from a specific track or file, create your own program (page 38).

**Recording Timer:**

Tune to the radio station (page 50).

**2 Hold down SHIFT, then press TIMER MENU.****3 Press  $\uparrow$ / $\downarrow$  repeatedly to select "PLAY SET" or "REC SET," then press  $\boxed{+}$ .****4 Set the time to start playback or transfer.**

Press  $\uparrow$ / $\downarrow$  repeatedly to set the hour/minute, then press  $\boxed{+}$ .

**5 Use the same procedure as in step 4 to set the time to stop playback or transfer.****6 Press  $\uparrow$ / $\downarrow$  repeatedly to select the sound source you want, then press  $\boxed{+}$ .**

For Recording Timer, connect a USB device to the  $\Psi$  (USB) 2 port after selecting the sound source.

**7 Press I/ $\odot$  to turn off the system.****Note**

If the system remains on, the timers will not take effect.

**To check the timer setting or activate the timer again****1 Hold down SHIFT, then press TIMER MENU.**

"TIMER SEL" flashes on the display.

**2 Press  $\boxed{+}$ .****3 Press  $\uparrow$ / $\downarrow$  repeatedly to select "PLAY SEL" or "REC SEL," then press  $\boxed{+}$ .****To cancel the timer**

Repeat the same procedure as "To check the timer setting or activate the timer again" and select "TIMER OFF" in step 3, then press  $\boxed{+}$ .

**Notes**

- The system turns on before the preset time. If the system is already turned on at the preset time or if "STANDBY" flashes on the display, the Play Timer and the Recording Timer will not be activated.
- Do not operate the system from the time the system turns on until the playback or transfer starts.

---

## Using optional equipment

- 1 Press  - repeatedly until "VOLUME MIN" appears on the display.
- 2 Connect an optional equipment (page 24).
- 3 Press FUNCTION +/- repeatedly to select the function which corresponds to the connected equipment.
- 4 Start playing the connected equipment.
- 5 Press  + repeatedly to adjust the volume.

### Note

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

---

## Deactivating the buttons on the subwoofer (Child Lock)

You can deactivate the buttons on the subwoofer (except I/⏻) to prevent misoperation, such as child mischief.

### Hold down on the subwoofer 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 subwoofer for more than 5 seconds until "CHILD LOCK OFF" appears on the display.

### Notes

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

---

## Setting the automatic standby function

The system enters 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**.**
- 2 Press  $\uparrow/\downarrow$  repeatedly to select "AUTO STBY," then press  $\boxed{+}$ .**
- 3 Press  $\uparrow/\downarrow$  repeatedly to select "ON" or "OFF," then press  $\boxed{+}$ .**  
To exit the options menu, press **OPTIONS**.

### Notes

- "AUTO STBY" flashes on the display about 2 minutes before entering standby mode.
- The automatic standby function does not work in the following cases:
  - during tuner function.
  - when the timer is activated.
  - when microphone is connected.

---

## Updating the software

The software of this system may be updated in the future. You can update the software from the websites below.

**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>>

Follow the online instructions to update the software.

## 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 the problem persists, consult your nearest Sony dealer.

Note that if the service personnel changes some parts during repair, these parts may be retained.

#### If "PROTECT XX" (X is a number) appears on the display

Immediately unplug the AC power cord, and check the following items.

- Is anything blocking the ventilation openings of the subwoofer?
- Is the USB port short-circuited?

After you have checked these above items and found no problems, reconnect the AC power cord, 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 is connected securely.

#### The system cannot be turned off even though I/⏻ is pressed.

- You may have set the display mode to the demonstration mode unintentionally. Press DISPLAY repeatedly to select Power Saving Mode (page 31).

#### The system has entered standby mode.

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

#### The clock or timer setting is canceled.

- The AC power cord is disconnected or a power failure occurred. Set the clock (page 31) and timer (page 64) again.

#### There is no sound.

- Adjust the volume.
- Check the speaker connections (page 24).
- Check the connection of the optional equipment, if any (page 24).
- Turn on the connected equipment.
- There is no audio output available during Recording Timer.
- Unplug the AC power cord, then reconnect the AC power cord and turn on the system.

**There is no microphone sound.**

- Adjust the microphone volume level.
- Make sure the microphone is connected to the MIC 1 or MIC 2 jack on the subwoofer correctly.
- Make sure the microphone is turned on.

**No TV sound is heard from the system.****“CODE 01” and “SIGNAL 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 PCM output mode if automatic mode is selected (page 28).
- Check that the speaker output setting on the TV is set to use external speakers (page 28).

**There is severe hum or noise.**

- Move the system away from sources of noise.
- Connect the system to a different wall outlet.
- Install a noise filter (commercially available) to the AC power cord.
- Turn off surrounding electrical equipment.
- The noise generated by the cooling fans of the system may be heard when the system is in standby mode or during playback. This is not a malfunction.

**The timer does not function.**

- Check the timer setting and set the correct time (page 64).
- Cancel the Sleep Timer function (page 64).

**The remote control does not function.**

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

**There is acoustic feedback.**

- Reduce the volume.
- Move the microphone 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 subwoofer.**

- Set the Child Lock function to off (page 66).

**A clicking sound is heard when turning the power on.**

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

## Disc player

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### 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 CD-USB Synchronized Transfer or REC1 Transfer. Press **■** to cancel the transfer, then press **▲** on the subwoofer 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 8).
- 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 subwoofer to a place with no vibration.

### Playback does not start from the first track.

- Set the play mode to Normal Play (page 37).
- 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, Shuffle Play, or Program 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, JPEG, 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 when you play back an AUDIO CD, VIDEO CD, audio file, video file, or DVD VIDEO.

- Unplug all the microphones.  disappears from the display.
- Make sure the system is connected properly.
- Check the speaker connections (page 24).

## USB device

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### Transferring results in an error.

- You are using an unsupported USB device. Check the information on the website about compatible USB devices (page 11).
- 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 1” or “USB 2” 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 11).
- 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 10).
  - 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 I/⏻) are deactivated. Press I/⏻ on the subwoofer 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) 1 port or ⚡ (USB) 2 port. Turn off the system 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 11).
- 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 11).

**Playback does not start from the first file.**

- Set the play mode to Normal Play (page 37).

**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

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### **There is no picture.**

- Check that the system is connected securely.
- If the video cord is damaged, replace it with a new one.
- Make sure you connect the subwoofer to the video input jack of your TV (page 25).
- Make sure you turn on the TV and operate the TV correctly.
- Make sure you select the video input 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 (pages 30, 43).
- (Except for Latin American, European, and Russian models) Set the color system to match your TV (pages 30, 43).

### **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\*

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### **There is severe hum or noise, or stations cannot be received. ("TUNED" or "STEREO" flashes on the display.)**

- Connect the antenna properly.
- Change antenna location and its orientation to obtain good reception.
- Consult your nearest Sony dealer if the supplied AM antenna has come off from the plastic stand.
- 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**

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### **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 56).

### **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.
- Erase the pairing registration information of the BLUETOOTH device (page 53) and perform the pairing operation again (page 52).

### **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  $\triangleleft$ / $\rightarrow$ .

### **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.

## Party Chain

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### Party Chain function cannot be activated.

- Check the connections (page 60).
- Make sure the audio cords are connected correctly.

### “PARTY CHAIN” is flashing on the display.

- You cannot select the Audio In function if you make a connection **A** (page 60) while using the Party Chain function. Select a function other than the Audio In function (page 62).
- Press PARTY CHAIN on the subwoofer.
- Try turning off the system, then turning it back on again.

### Party Chain function does not work properly.

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

## Resetting the system

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

Use the buttons on the subwoofer to perform this operation.

- 1 Unplug the AC power cord, and then plug it back in.
- 2 Press I/⏻ to turn on the system.
- 3 Hold down ENTER and TUNING+/  
▶▶I for about 3 seconds.  
“RESET” appears on the display.  
All user-configured settings, such as preset radio stations, timer, and the clock are reset to factory default setting.

## 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 Press SETUP.
- 2 Press ←/→ repeatedly to select [SYSTEM SETUP], then 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 I/⏻ 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"><li>• Clean the disc with a soft cloth (page 78).</li></ul>
C 31	The disc is not inserted correctly. <ul style="list-style-type: none"><li>• Turn off the system, then turn it back on again. Then re-insert the disc correctly.</li></ul>
E XX (XX is a number)	To prevent a malfunction, the system has performed the self-diagnosis function. <ul style="list-style-type: none"><li>• Contact your nearest Sony dealer or local authorized Sony service facility and give the 5-character service number. Example: E 61 10</li></ul>

## 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/SIGNAL ERR

An unsupported audio signal is input from the connected TV to the OPT IN jack. See “When no TV sound is heard from the system”(page 28).

### 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.

**GUEST**

The system has become a Party Guest as the Party Chain function has been activated by a Party Host.

**HOST**

The system activated the Party Chain function and has become a Party Host.

**NO DEVICE**

No USB device is connected.

**NO DISC**

There is no disc in the player.

**NO MEMORY**

There is no memory media inserted in the memory selected for playback or transfer on the USB device (multi card reader, etc.).

**NO MUSIC**

No MP3/WMA/AAC files exist in the playback source.

**NO PHOTO**

No JPEG files exist in the playback source.

**NO STEP**

All of the programmed steps have been erased.

**NO VIDEO**

No MPEG4/Xvid files exist in the playback source.

**NOT IN USE**

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

**NOT SUPPORTED**

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

**OVER CURRENT**

An over current from the  $\psi$  (USB) port was detected.

**PROTECTED**

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.

**STEP FULL**

You tried to program more than 25 steps.

**TIME NG**

The on time and off time of Play Timer or Recording Timer is the same.

**TRACK FULL**

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

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## Precautions

### When carrying the subwoofer

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

Use the buttons on the subwoofer to perform this operation.

- 1 Press I/⏻ to turn on the system.
- 2 Press FUNCTION, turn the MULTI CONTROL knob to select "DVD/CD," and then press ENTER.
- 3 Remove the disc.  
Press ▲ to open and close the disc tray.  
Wait until "NO DISC" appears on the display.
- 4 Unplug the AC power cord.

### 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 benzene, 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 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 subwoofer, 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 subwoofer 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

This 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 speakers 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) 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 closer 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.

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## Specifications

### Active Subwoofer (SA-WGT5D)

#### Amplifier section

The following are measured at  
AC 120 V – 240 V, 50/60 Hz

Power Output (rated):

Left/Right Channel: 400 W +  
400 W (at 4 ohms, 1 kHz, 1% THD)

RMS output power (reference):

Left/Right Channel: 600 W +  
600 W (per channel at 4 ohms,  
1 kHz)

Subwoofer: 1,200 W (at 8 ohms,  
100 Hz)

#### Speaker section

Speaker system:

Subwoofer, Sound Pressure Horn

Speaker unit:

350 mm, cone type

Rated impedance:

8 ohms

#### Inputs

AUDIO IN/PARTY CHAIN IN L/R:

Voltage 2 V, impedance  
47 kilohms

OPT IN:

Supported audio signal:  
2-channel Linear PCM

MIC 1, MIC 2:

Sensitivity 1 mV, impedance  
10 kilohms

#### Outputs

AUDIO OUT/PARTY CHAIN OUT L/R:

Voltage 2 V, impedance 1 kilohms

VIDEO OUT:

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

## Disc player section

System:

Compact disc and digital audio and video system

Laser Diode Properties

Emission Duration: Continuous

Laser Output\*: Less than 44.6  $\mu$ 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

USB port:

⚡ (USB) 1, ⚡ (USB) 2  
Type A

## Tuner section

FM stereo, FM/AM superheterodyne tuner

Antenna:

FM lead antenna

AM loop antenna

## FM tuner section

Tuning range:

87.5 MHz – 108.0 MHz (50 kHz step)

## AM tuner section

Tuning range:

European and Russian models:

531 kHz – 1,602 kHz (9 kHz step)

Latin American and Australian

models:

531 kHz – 1,710 kHz (9 kHz step)

530 kHz – 1,710 kHz (10 kHz step)

Other models:

531 kHz – 1,602 kHz (9 kHz step)

530 kHz – 1,610 kHz (10 kHz step)

## BLUETOOTH section

Communication system:

BLUETOOTH Standard version 3.0

Output:

BLUETOOTH Standard Power  
Class 2

Maximum communication range:

Line of sight approx. 10 m<sup>1)</sup>

Frequency band:

2.4 GHz band (2.4000 GHz –  
2.4835 GHz)

Modulation method:

FHSS (Freq Hopping Spread  
Spectrum)

Compatible BLUETOOTH profiles<sup>2)</sup>:

A2DP (Advanced Audio  
Distribution Profile)  
AVRCP (Audio Video Remote  
Control Profile)  
SPP (Serial Port Profile)

Supported codecs:

SBC (Sub Band Codec)  
AAC (Advanced Audio Coding)

<sup>1)</sup> 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.

<sup>2)</sup> BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.

## Supported audio formats

Supported bit rate:

MPEG1 Layer-3:  
32 kbps – 320 kbps (VBR)  
WMA (USB devices only):  
48 kbps – 192 kbps (VBR, CBR)  
AAC (USB devices only):  
48 kbps – 320 kbps (VBR, CBR)

Sampling frequencies:

MPEG1 Layer-3:  
32 kHz/44.1 kHz/48 kHz  
WMA (USB devices only):  
44.1 kHz  
AAC (USB devices only):  
44.1 kHz

## 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

## Speaker System (SS-GT5DB)

Speaker system:

2-way, bass reflex

Speaker unit (left):

Tweeter: 50 mm × 1, cone type

Midrange: 90 mm × 2, cone type

Speaker unit (right):

Tweeter: 50 mm × 1, cone type

Midrange: 90 mm × 2, cone type

Rated impedance:

4 ohms

## General

Power requirements:

AC 120 V – 240 V, 50/60 Hz

Power consumption:

350 W

Power consumption (at the Power Saving mode):

0.5 W (When "BT STBY" is set to "OFF")

2.5 W (When "BT STBY" is set to "ON")

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

Active subwoofer:

450 mm × 728 mm × 503 mm

Speaker unit (left):

500 mm × 115 mm × 142 mm

Speaker unit (right):

507 mm × 115 mm × 142 mm

Speaker units (in case of soundbar style)

1,000 mm × 115 mm × 142 mm

Mass (Approx.):

Active subwoofer:

32 kg

Speaker unit (left):

3.2 kg

Speaker unit (right):

3.2 kg

Quantity:

Active subwoofer:

1 piece

Speaker unit:

2 pieces

Design and specifications are subject to change without notice.

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# Language code list

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

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<b>Code</b>	<b>Language</b>	<b>Code</b>	<b>Language</b>	<b>Code</b>	<b>Language</b>	<b>Code</b>	<b>Language</b>
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	Samoan		
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		

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## Parental Control area code list

<b>Code</b>	<b>Area</b>	<b>Code</b>	<b>Area</b>	<b>Code</b>	<b>Area</b>	<b>Code</b>	<b>Area</b>
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/>



**MP3**



\* 4 5 7 0 7 3 4 1 2 \* (1)