# SONY.

# Home Theatre System

Operating Instructions

HT-RT3

## WARNING

To reduce the risk of fire, do not cover the ventilation opening of the appliance with newspapers, tablecloths, curtains, etc.
Do not expose the appliance to naked flame sources (for example, lighted candles).
To reduce the risk of fire or electric shock, do not expose this appliance to dripping or splashing, and do not place objects filled with liquids, such as vases, on the appliance.
Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.
Do not expose batteries or appliances with battery-installed to excessive heat, such as sunshine and fire.
To prevent injury, this apparatus must be securely placed on the cabinet or attached to the floor/wall in accordance with the installation instructions.
Indoor use only.

### On power sources
- 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.
- 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.

### Recommended cables
Properly shielded and grounded cables and connectors must be used for connection to host computers and/or peripherals.

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

### 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 Belgium, bijkantoor van Sony Europe Limited, Da Vincilaan 7-D1, 1935 Zaventem, Belgium. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

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

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

$C\epsilon$

This radio equipment is intended to be used with the approved version(s) of software/firmware that are indicated in the EU Declaration of Conformity. The software/firmware loaded on this radio equipment is verified to comply with the essential requirements of the Directive 2014/53/EU.
The software/firmware version can be found via "VER>" (Version) in "SYS>" (System).

This Home Theatre System is intended for sound playback from connected devices, music streaming from an NFC-compatible smartphone or a BLUETOOTH device.

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)**

**Copyrights and Trademarks**
• This system incorporates Dolby* Digital.
  * Manufactured under license from Dolby Laboratories.
    Dolby and the double-D symbol are trademarks of Dolby Laboratories.

- The BLUETOOTH® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Sony Corporation is under license. Other trademarks and trade names are those of their respective owners.
- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.
- The N-Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.
- Android™ is a trademark of Google LLC.
- Google Play is a trademark of Google LLC.
- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.
- "BRAVIA" is a trademark of Sony Corporation.
- "ClearAudio+" is a trademark of Sony Corporation.
- "PlayStation" is a registered trademark of Sony Computer Entertainment Inc.
- Apple, iPhone, iPod, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

### Compatible iPhone/iPod models

The compatible iPhone/iPod models are as follows. Update your iPhone/iPod with the latest software before using with the system.
Made for:
− iPhone 6s/iPhone 6s Plus/iPhone 6/ iPhone 6 Plus/iPhone 5s/iPhone 5c/ iPhone 5
− iPod touch (6th generation)/ iPod touch (5th generation)
- THIS PRODUCT IS LICENSED UNDER THE MPEG-4 VISUAL PATENT PORTFOLIO LICENSE FOR THE PERSONAL AND NON-COMMERCIAL USE OF A CONSUMER FOR

(i) ENCODING VIDEO IN COMPLIANCE WITH THE MPEG-4 VISUAL STANDARD ("MPEG-4 VIDEO")

AND/OR

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

NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION INCLUDING THAT RELATING TO PROMOTIONAL, INTERNAL AND COMMERCIAL USES AND LICENSING MAY BE OBTAINED FROM MPEG LA, L.L.C.
HTTP://WWW.MPEGLA.COM

- All other trademarks are trademarks of their respective owners.
- Other system and product names are generally trademarks or registered trademarks of the manufacturers. ™ and ® marks are not indicated in this document.

# About these operating instructions

- The instructions in these Operating Instructions describe the controls on the remote control. You can also use the controls on the Subwoofer if they have the same or similar names as those on the remote control.
- Some illustrations are presented as conceptual drawings, and may be different from the actual products.
- The default setting is underlined.
- The text enclosed in double quotation mark ("--") appears in the front panel display.

# Table of Contents

# Guide to parts and controls

For more information, refer to the pages indicated in parentheses.

## Subwoofer

**Top panel**
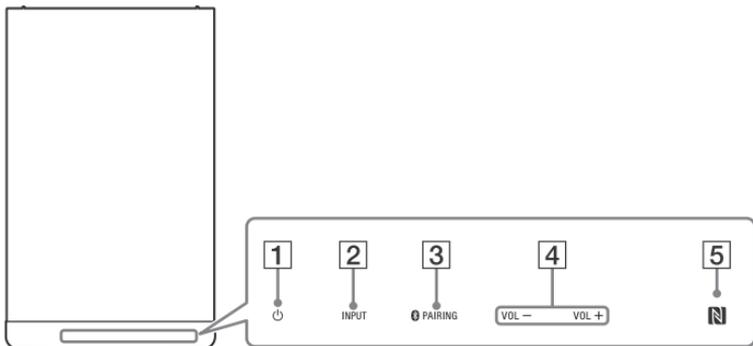


[1] ⏻ **(power) touch key**
Turns on the system, or sets it to standby mode.

[2] **INPUT touch key**
Selects the device you want to use.

[3] ⓑ **PAIRING touch key**

[4] **VOL (volume) +/– touch key**

[5] 🅝 **(N-Mark) (page 15)**
Position the NFC-compatible device near this indication to activate the NFC function.

### About touch keys

The touch keys work when you touch them lightly. Do not press on them with excessive force.

**Front panel**
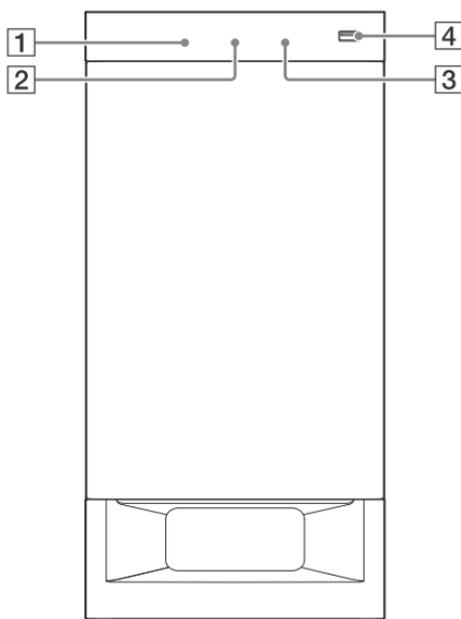


[1] **Remote control sensor (page 23)**

[2] **Front panel display**

[3] **Blue LED indicator**

Shows the BLUETOOTH status as follows.

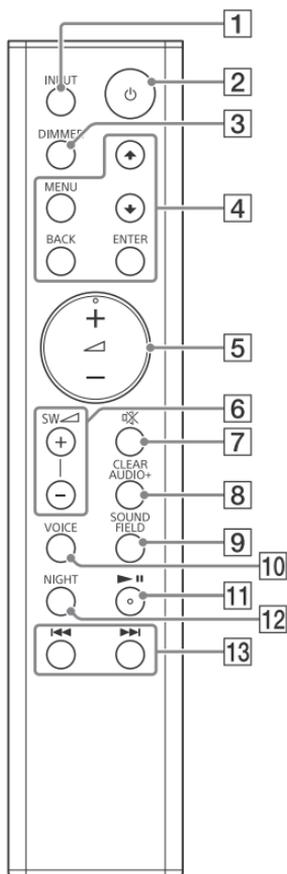| | |
|---|---|
| During BLUETOOTH pairing | Flashes quickly |
| The system is attempting to connect with a BLUETOOTH device | Flashes |
| The system has established connection with a BLUETOOTH device | Lights up |

[4]  ψ **(USB) port (page 12)**

**Rear panel**
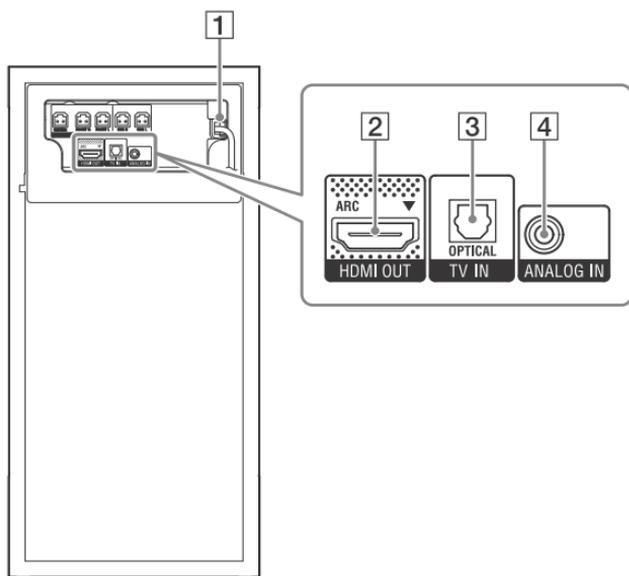


① **AC power cord (mains lead)**
② **HDMI OUT (ARC) jack**

③ **TV IN (OPTICAL) jack**
④ **ANALOG IN jack**

## Remote control



1 **INPUT (page 11)**

2 ⏻ **(power)**

Turns on the system, or sets it to standby mode.

3 **DIMMER**

Adjusts the brightness of the front panel display.
"BRIGHT" → "DARK" → "OFF"
- The front panel display is turned off when "OFF" is selected. It turns on automatically when you press any buttons, then turns off again if you do not operate the system for several seconds. However, in some cases, the front panel display may not turn off. In this case, the brightness of the front panel display is same as "DARK".

4 **MENU**

Turns on/off the menu in the front panel display.

**↑/↓**

Selects the menu items.

**ENTER**

Enters the selection.

**BACK**

Return to the previous display. Stops USB playback.

5 ⊿ **(volume) +*/–**

Adjusts the volume.

6 **SW ⊿ (subwoofer volume) +/– (page 23)**

Adjusts the volume of bass sound.

7 ⊿✕ **(muting)**

Turns off the sound temporarily.

8 **CLEARAUDIO+**

Automatically selects the suitable sound setting for the sound source.

9 **SOUND FIELD (page 13)**

Selects a sound mode.

10 **VOICE (page 13)**

11 ▶❚❚* **(play/pause)**

Pauses or resumes playback.

12 **NIGHT (page 13)**

13 ⏮ / ⏭ (previous/next/
rewind/fast forward)
Press to select the previous/next
track or file.
Hold down to search backward or
forward.

* The ▶❚❚ and ∠ + buttons have a tactile
  dot. Use the tactile dot as a reference
  when operating the remote control.

## Listening

# Listening to sound from the connected devices

**Press INPUT repeatedly.**
When you press INPUT once, the current
device appears in the front panel
display, then each time you press
INPUT, the device changes cyclically as
follows.

"TV" → "ANALOG" → "BT" → "USB"

**"TV"**
Device (TV, etc.) that is connected to the TV
IN (OPTICAL) jack, or a TV compatible with the
Audio Return Channel function that is
connected to the HDMI OUT (ARC) jack

**"ANALOG"**
Device (Digital media player, etc.) that is
connected to the ANALOG IN jack

**"BT"**
BLUETOOTH device that supports A2DP
(page 14)

**"USB"**
USB device that is connected to the Ψ (USB)
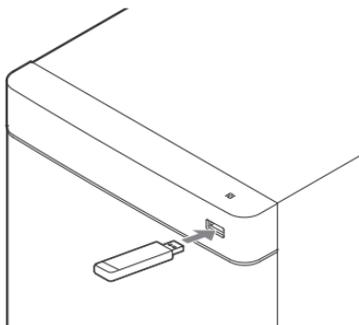port (page 12)

# Playing from a USB device

You can play music/video* files on a connected USB device.
For playable types of files, see "Playable types of files" (page 29).

* Except for Europe models.

## 1 Connect the USB device to the ⌄ (USB) port.

Refer to the operating instructions of the USB device before connecting.



## 2 Press INPUT repeatedly to select "USB".

The USB content list appears on the TV screen.

## 3 Press ♦/♦ to select the content you want, then press ENTER.

The selected content starts playing.

## 4 Adjust the volume.

- Adjust the volume of the system by pressing ⊿ +/−.
- Adjust the volume of Subwoofer by pressing SW ⊿ +/−.

## Information of USB device on the TV screen
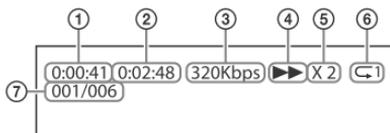


① Playing time

② Total playing time

③ Bit rate

④ Playback status

⑤ Rewind/fast forward speed

⑥ Repeat play status

⑦ Selected file index/Total files in the folder

**Notes**

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

## Sound Adjustment

# Enjoying sound effects

You can easily enjoy pre-programmed sound fields that are tailored to different kinds of sound sources.

## Selecting the sound field

**Press SOUND FIELD repeatedly until the sound field you want appears in the front panel display.**

**"CLEARAUDIO+"**
You can enjoy the sound with Sony-recommended sound field. Sound field is automatically optimized according to playback content and function.

**"MOVIE"**
Sounds are played back with surround effects, and they are realistic and powerful, making them suitable for movies.

**"MUSIC"**
Sound effects are optimized for listening to music.

**"SPORTS"**
Commentary is clear, cheers are heard as surround-sound, and sounds are realistic.

**"GAME"**
Sounds are powerful and realistic, suitable for game play.

**"STANDARD"**
Sound that corresponds to every source.

**Tip**

You can also press CLEARAUDIO+ to select "CLEARAUDIO+".

## Using the Night Mode function

This function is useful when watching movies late at night. You will be able to hear the dialog clearly even at a low volume level.

**Press NIGHT to select "N.ON".**
To inactivate the Night Mode function, press NIGHT to select "N.OFF".

## Using the Clear Voice function

This function helps make dialogs clearer.

**Press VOICE repeatedly.**
- "UP OFF": The Clear Voice function is turned off.
- "UP 1": Dialogue range is enhanced.
- "UP 2": Dialogue range is enhanced, and the parts of range difficult to be discerned by the elderly are boosted.

# Listening to music from a BLUETOOTH device



## 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.

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

**2 Press ⊕ PAIRING on the Subwoofer.**

The blue LED indicator flashes quickly during BLUETOOTH pairing.

**3 Turn on the BLUETOOTH function, and then select "HT-RT3" after searching for it on the BLUETOOTH device.**

Perform this step within 5 minutes, otherwise pairing mode will be canceled.
When the BLUETOOTH connection is established, the blue LED indicator lights up.

**Notes**

- If passkey is required on the BLUETOOTH device, enter "0000". Passkey may be called "Passcode", "PIN code", "PIN number" or "Password".
- You can pair up to 9 BLUETOOTH devices. If the 10th BLUETOOTH device is paired, the least recently connected device will be replaced by the new one.

## Listening to music from the paired device

**1 Turn the BLUETOOTH function of the paired device to on.**

**2 Press INPUT repeatedly to select "BT".**

The system automatically reconnects to the BLUETOOTH device it was most recently connected to.
When the BLUETOOTH connection is established, the blue LED indicator lights up.

**3 Start playback on the BLUETOOTH device.**

**4 Adjust the volume.**
- Adjust the volume of the BLUETOOTH device.
- Adjust the volume of the system by pressing ∠ +/−.
- Adjust the volume of Subwoofer by pressing SW ∠ +/−.

**Notes**

- Once the system and the BLUETOOTH device are connected, you can control playback by pressing ►II and I◄◄ /►►I.
- You can connect to the system from a paired BLUETOOTH device even when the system in standby mode, if you set the "BTSTB" to "ON" (page 18).
- The audio playback on this system may be delayed from that on the BLUETOOTH device because of the characteristics of the BLUETOOTH wireless technology.

**Tip**

You can enable or disable codec AAC from BLUETOOTH device (page 18).

## To disconnect the BLUETOOTH device

Perform any of the following items.

- Press ❸ PAIRING on the Subwoofer again.
- Disable the BLUETOOTH function on the BLUETOOTH device.
- Turn off the system or the BLUETOOTH device.

## Connecting to a remote device by One-touch function (NFC)

NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices.
By holding an NFC-compatible remote device near to the N-Mark on the Subwoofer, the system and remote device proceed to complete pairing and the BLUETOOTH connection automatically.

**Compatible remote devices**
Remote devices with a built-in NFC function
(OS: Android 2.3.3 or later, excluding Android 3.x)

**Notes**

- The system only can recognize and connect to one NFC-compatible remote device at a time.
- Depending on your remote device, you may need to perform the following items on your remote device in advance.
  - Turn on the NFC function. For details, refer to the operating instructions of the remote device.
  - If your remote device is having an older OS version than Android 4.1.x, download and start the "NFC Easy Connect" application. "NFC Easy Connect" is a free application for Android remote devices that can be obtained from Google Play™. (The application may not be available in some countries/regions.)

**1** **Hold the remote device near to the N-Mark on the Subwoofer until the remote device vibrates.**
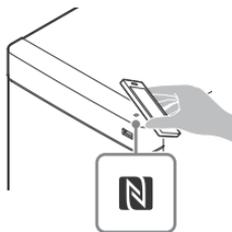


Follow the on-screen instructions displayed on the remote device, and complete the procedure for BLUETOOTH connection.
When the BLUETOOTH connection is established, the blue LED indicator lights up.

**2** **Start playback of audio source on the remote device.**

For details on playback operations, refer to the operating instructions of your remote device.

## 3 Adjust the volume.

- Adjust the volume of the BLUETOOTH device.
- Adjust the volume of the system by pressing ∠ +/−.
- Adjust the volume of Subwoofer by pressing SW ∠ +/−.

**Tip**

If pairing and the BLUETOOTH connection fail, do the following.
− Hold the remote device near to the N-Mark on the Subwoofer again.
− Remove the case from the remote device if using a commercially available remote device case.
− Relaunch "NFC Easy Connect" application.

### To stop playback by One-touch function

Hold the remote device near to the N-Mark on the Subwoofer again.

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

Sony | Music Center is an application for controlling compatible Sony audio devices using the mobile device such as a smartphone or tablet.

For details about Sony | Music Center, refer to the following URL.
http://www.sony.net/smcqa/

Sony | Music Center allows you to:
− enjoy music at home seamlessly.
− change commonly used settings, select the input of the system, and adjust the volume.
− enjoy music content stored on a smartphone with the system.
− enjoy music visually with your smartphone display.

**Notes**

- Sony | Music Center uses the BLUETOOTH function of the system.
- What you can control with Sony | Music Center varies depending on the connected device. The specification and design of the application may change without notice.

## Using Sony | Music Center

### 1 Download free Sony | Music Center app on the mobile device.

### 2 Connect the system and mobile device with the BLUETOOTH connection (page 14).

### 3 Start Sony | Music Center.

### 4 Operate by following the Sony | Music Center screen.

**Note**

Use the latest version of Sony | Music Center.

# Using the setup display

You can set the following items with the menu.
Your settings are retained even if you disconnect the AC power cord (mains lead).

**1** **Press MENU to turn on the menu in the front panel display.**

**2** **Press BACK/♠/♣/ENTER repeatedly to select the item and press ENTER to select the setting you want.**

**3** **Press MENU to turn off the menu.**

## Menu list

The default settings are underlined.

| Menu items | | Function |
|---|---|---|
| **"LVL >"** **(Level)** | "SUR.L"/"SUR.R" (Surround left/right speaker level) | "0.0 dB": Adjusts the sound level of the Surround Speakers from –6.0 dB to +6.0 dB (0.5 dB interval). |
| | | **Note** |
| | | Be sure to set "TTONE" to "ON" for easy adjustment. |
| | "ATT" (Attenuation settings – Analog) | Distortion may occur when you listen to a device connected to the ANALOG IN jack. You can prevent distortion by attenuating the input level on the system. <br>• "ON": Attenuates the input level. The output level will decrease at this setting. <br>• "OFF": Normal input level. |
| | "DRC" (Dynamic range control) | Useful for enjoying movies at low sound volume. DRC applies to Dolby Digital sources. <br>• "ON": Compresses sound in accordance with the information contained in the content. <br>• "OFF": Sound is not compressed. |
| | "TTONE" (Test tone) | • "ON": The test tone is output from each speaker in sequence. <br>• "OFF": Turns off the test tone. |
| **"SPK >"** **(Speaker)** | "PLACE" (Speaker placement) | • "STDRD": Select this setting if you install the Bar Speaker and the Surround Speakers in standard position. <br>• "FRONT": Select this setting if you install the Bar Speaker and the Surround Speakers in front. |
| | "SUR.L"/"SUR.R" (Surround left/right speaker distance) | "3.0 M": Adjusts the distance from the seating position to the Surround Speakers from 1.0 meter to 6.0 meters. |

Settings and Adjustments

| Menu items | | Function |
|---|---|---|
| **"AUD >"** **(Audio)** | "DUAL" (Dual mono) | You can enjoy multiplex broadcast sound when the system receives a Dolby Digital multiplex broadcast signal.<br>• "M/S": Mixed sound of both the main and sub languages will be output.<br>• "MAIN": Sound of the main language will be output.<br>• "SUB": Sound of the sub language will be output. |
| | "TV AU" (TV audio) | • "AUTO": Select this setting when the system is connected to an HDMI (ARC) jack of a TV with an HDMI cable.<br>• "OPT": Select this setting when the system is connected to a TV with the optical digital cable. |
| | "EFCT" (Sound effect) | • "ON": The sound of the selected sound field is played. It is recommended to use this setting.<br>• "OFF": The input source is down-mixed for 2 channels. |
| | "STRM" (Stream) | Shows the current audio stream information.<br>See page 29 on the supported audio formats. |
| **"HDMI>"** | "CTRL" (Control for HDMI) | • "ON": The Control for HDMI function is enabled. Devices connected with an HDMI cable can control each other.<br>• "OFF": Off. |
| | "TVSTB" (Standby Linked to TV) | This function is available when you set "CTRL" to "ON".<br>• "AUTO": If the input of the system is "TV", the system turns off automatically when you turn off the TV.<br>• "ON": The system turns off automatically when you turn off the TV regardless of the input.<br>• "OFF": The system does not turn off when you turn off the TV. |
| | "COLOR" (HDMI color) | • "AUTO": Automatically detects the type of external device, and switches to the matching color setting.<br>• "YCBCR": Outputs $YC_BC_R$ video signals.<br>• "RGB": Outputs RGB video signals. |
| **"BT >"** **(BLUETOOTH)** | "BTAAC" (BLUETOOTH Advanced audio coding) | You can set whether or not the system uses AAC via BLUETOOTH.<br>• "ON": Enable AAC codec.<br>• "OFF": Disable AAC codec.<br><br>**Note**<br>If you change the "BTAAC" setting when a BLUETOOTH device is connected, the codec setting is only reflected after the next connection. |
| | "BTSTB" (BLUETOOTH standby) | When the system has pairing information, the system is in BLUETOOTH standby mode even when it is turned off.<br>• "ON": BLUETOOTH standby mode is enabled.<br>• "OFF": BLUETOOTH standby mode is disabled. |
| | "INFO" (BLUETOOTH device information) | The detected BLUETOOTH device name and device address appear in the front panel display.<br>"NO DEVICE" appears if the system is not connected to a BLUETOOTH device. |
| **"USB >"** | "REPT" (Playback mode) | • "NONE": Plays back all tracks.<br>• "ONE": Repeats one track.<br>• "FLDER": Repeats all tracks in a folder.<br>• "RANDM": Repeats all tracks in a folder in random order.<br>• "ALL": Repeats all tracks. |

| Menu items | | Function |
|---|---|---|
| **"SYS >"** **(System)** | "ASTBY" (Auto standby) | • "ON": Turns on the auto standby function. When you do not operate the system for about 20 minutes, the system enters standby mode automatically. <br> • "OFF": Off. |
| | "VER" (Version) | The current firmware version information appears in the front panel display. |

# Using the Control for HDMI function

Connecting a device such as a TV or Blu-ray Disc player compatible with the Control for HDMI function* by HDMI cable (High Speed HDMI Cable, supplied only for certain areas) enables you to easily operate the device by a TV remote control.

The following functions can be used with the Control for HDMI function.
• System Power Off function
• System Audio Control function
• Audio Return Channel
• One-Touch Play function

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

**Note**

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

## Preparing to use the Control for HDMI function

Set "HDMI>" – "CTRL" on the system to "ON" (page 18). The default setting is "ON".
Enable the Control for HDMI function settings for the TV and other device connected to the system.

**Tip**

If you enable the Control for HDMI ("BRAVIA" sync) function when using a TV manufactured by Sony, the Control for HDMI function of the system is also enabled automatically. When settings are completed, "DONE" appears in the front panel display.

## System Power Off function

When you turn off the TV, the system will turn off automatically.
Set "HDMI>" – "TVSTB" on the system to "ON" or "AUTO" (page 18). The default setting is "AUTO".

## System Audio Control function

If you turn on the system while you are watching the TV, the TV sound will be output from the speakers of the system. The volume of the system can be adjusted using the TV's remote control. If the TV sound was output from the speakers of the system the previous time you watched the TV, the system will be turned on automatically when you turn on the TV again.
Operations can also be made by the TV's menu. For details, refer to the operating instructions of your TV.

**Notes**

• Sound is only output from the TV if other than "TV" input is selected when using the Twin Picture function on the TV. When you disable the Twin Picture function, the sound is output from the system.
• The number for the system's volume level is displayed on the TV screen depending on the TV. The volume number displayed on the TV may differ from the number on the front panel display of the system.

- Depending on the settings of the TV, the System Audio Control function may not be available. For details, refer to the operating instructions of your TV.

## Audio Return Channel

If the system is connected to a TV's HDMI IN jack compatible with Audio Return Channel, you can listen to TV sound from the speakers of the system without connecting an optical digital cable.
On the system, set "AUD >" – "TV AU" to "AUTO" (page 18). The default setting is "AUTO".

**Note**

If the TV is not compatible with Audio Return Channel, an optical digital cable needs to be connected (Refer to the supplied Startup Guide).

## One-Touch Play function

When you play content on a device (Blu-ray Disc player, "PlayStation®4", etc.) connected to the TV, the system and TV are turned on automatically, the input of the system is switched to the input for the TV, and sound is output from the speakers of the system.

**Notes**

- If the TV sound was output from the speakers of the TV the previous time you watched the TV, the system does not turn on and the sound and picture are output from the TV even if device content is played.
- Depending on the TV, the beginning part of content being played may not play correctly.

# Using the "BRAVIA" Sync function

In addition to the Control for HDMI function, you can also use the following function on devices compatible with the "BRAVIA" sync function.
- Scene Select function

**Note**

This function is proprietary function of Sony. This function cannot operate with products other than those manufactured by Sony.

## Scene Select function

The sound field of the system is automatically switched according to the TV's Scene Select or Sound Mode function settings. For details, refer to the operating instructions of your TV. Set the sound field to "CLEARAUDIO+" (page 13).

### Notes on HDMI connections

- Use a High Speed HDMI cable. If you use a Standard HDMI cable, 1080p content may not be displayed properly.
- Use an HDMI-authorized cable. Use a Sony High Speed HDMI cable with the Cable Type Logo.
- We do not recommend using an HDMI-DVI conversion cable.
- Check the setup of the connected equipment if an image is poor or the sound does not come out of the equipment connected via the HDMI cable.
- Audio signals (sampling frequency, bit length, etc.) transmitted from an HDMI jack may be suppressed by the connected equipment.

**Other Functions**

- Sound may be interrupted when the sampling frequency or the number of channels of audio output signals from the playback equipment is switched.
- If the connected equipment is not compatible with copyright-protection technology (HDCP), the image and/or the sound from the HDMI OUT jack of this system may be distorted or may not be output. In such a case, check the specifications of the connected equipment.

# Saving power in standby mode

Check that you have made the following settings:
– "CTRL" in "HDMI>" is set to "OFF" (page 18).
– "BTSTB" in "BT >" is set to "OFF" (page 18).

# Mounting the Bar Speaker and the Surround Speakers on a wall

You can mount the Bar Speaker and the Surround Speakers on a wall.

**Notes**

- Prepare screws (not supplied) that are suitable for the wall material and strength. As a plasterboard wall is especially fragile, attach the screws securely in the wall beam. Install the speakers on a vertical and flat wall where reinforcement is applied.

- Be sure to subcontract the installation to Sony dealers or licensed contractors and pay special attention to safety during the installation.
- Sony shall not be held responsible for accidents or damage caused by improper installation, insufficient wall strength, improper screw installation or natural calamity, etc.

**1** **Prepare screws (not supplied) that are suitable for the holes at the rear of the Bar Speaker or Surround Speakers.**
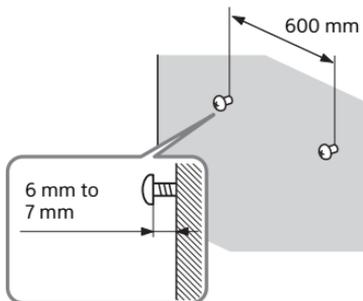


4 mm

More than 30 mm



5 mm

9.5 mm
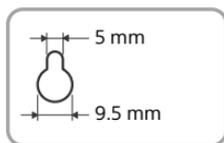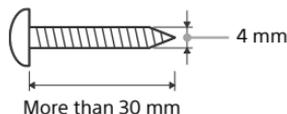
Hole at the rear of the speakers

**2** **Fasten the screws in the wall.**
The screw should protrude as illustration.

**For the Bar Speaker**



600 mm

6 mm to 7 mm

**For the Surround Speakers**



8 mm to 10 mm
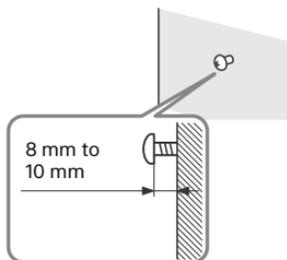
**3** **Hang the Bar Speaker or Surround Speakers on the screws.**

Align the holes at the rear of the speakers with the screws.

**For the Bar Speaker**
Hang the Bar Speaker on the two screws.
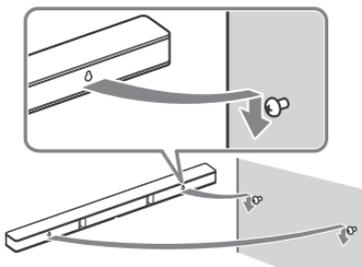


**For the Surround Speakers**
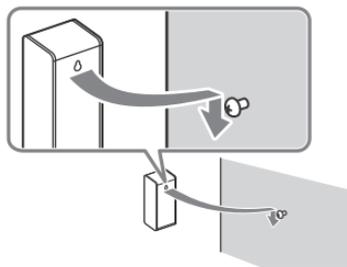


# Operating the system using the remote control

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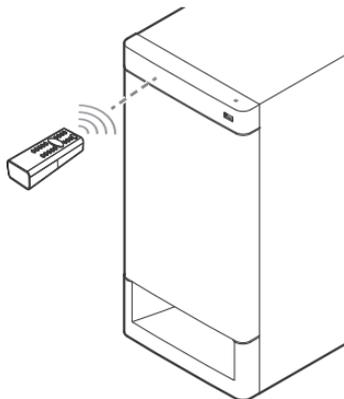


# Adjusting the volume of Subwoofer

The Subwoofer is designed for playback of bass or low frequency sound.

**Press SW ⊿ +/− to adjust the volume of Subwoofer.**

**Note**

When the input source does not contain much of bass sound, such as in TV programs, the sound from the Subwoofer may be difficult to hear.

# Precautions

## On safety

- Should any solid object or liquid fall into the system, unplug the system and have it checked by qualified personnel before operating it any further.
- Do not touch the AC power cord (mains lead) with wet hands. Doing so may cause an electric shock.
- Do not climb on the Bar Speaker, Subwoofer and Surround Speakers as you may fall down and injure yourself, or system damage may result.

## On power sources

- Before operating the system, check that the operating voltage is identical to your local power supply. The operating voltage is indicated on the nameplate at the rear of the Subwoofer.
- If you are not going to use the system for a long time, be sure to disconnect the system from the wall outlet (mains). To disconnect the AC power cord (mains lead), grasp the plug itself; never pull the cord.
- AC power cord (mains lead) must be changed only at a qualified service shop.

## On heat buildup

Although the system heats up during operation, this is not a malfunction. If you continuously use this system at high volume, the system temperature rises considerably. To avoid burning yourself, do not touch the system.

## On placement

- Place the system in a location with adequate ventilation to prevent heat buildup and prolong the life of the system.

- Do not place the system near heat sources or in a place subject to direct sunlight, excessive dust, or mechanical shock.
- Do not place the Bar Speaker, Subwoofer and Surround Speakers on a soft surface (rugs, blankets, etc.) or place anything at the rear of the Bar Speaker, Subwoofer and Surround Speakers that might block the ventilation holes and cause malfunctions.
- If the system is being used in combination with a TV, VCR, or tape deck, noise may result and picture quality may suffer. In such a case, place the system away from the TV, VCR, or tape deck.
- Use caution when placing the system on a surface that has been specially treated (with wax, oil, polish, etc.), as staining or discoloration of the surface may result.
- Take care to avoid any possible injury from the corners of the Bar Speaker, Subwoofer and Surround Speakers.
- Keep 3 cm or more space under the Bar Speaker and Surround Speakers when you hang it on a wall.

## On operation

Before connecting other equipment, be sure to turn off and unplug the system.

## If you encounter color irregularity on a nearby TV screen

Color irregularities may be observed on certain types of TV.
- If color irregularity is observed...
  Turn off the TV, then turn it on again after 15 to 30 minutes.
- If color irregularity is observed again...
  Place the system further away from the TV.

## On cleaning

Clean the system with a soft, dry cloth. Do not use any type of abrasive pad, scouring powder, or solvent such as alcohol or benzine.

If you have any question or problem concerning your system, please consult your nearest Sony dealer.

# Troubleshooting

If you experience any of the following difficulties while using the system, use this troubleshooting guide to help remedy the problem before requesting repairs. Should any problem persist, consult your nearest Sony dealer.

## General

**The power does not turn on.**
→ Check that the AC power cord (mains lead) is connected securely.

**The system does not work normally.**
→ Disconnect the AC power cord (mains lead) from the wall outlet (mains), then reconnect after several minutes.

**The system is turned off automatically.**
→ The auto standby function is working. Set "ASTBY" in "SYS >" to "OFF" (page 19).

**The system does not turn on even when the TV is turned on.**
→ Set "HDMI>" – "CTRL" to "ON" (page 18). The TV must support the Control for HDMI function (page 20). For details, refer to the operating instructions of your TV.
→ Check the speaker settings of the TV. The system power syncs with the speaker settings of the TV. For details, refer to the operating instructions of your TV.
→ If the sound was output from the speakers of the TV the previous time, the system does not turn on even when the TV is turned on.

**The system turns off when the TV is turned off.**
→ Check the setting of "HDMI>" – "TVSTB" (page 18). When "TVSTB" is set to "ON", the system turns off automatically when you turn off the TV regardless of the input.

**The system does not turn off even when the TV is turned off.**
→ Check the setting of "HDMI>" – "TVSTB" (page 18). To turn the system off automatically regardless of the input when you turn off the TV, set "TVSTB" to "ON". The TV must support the Control for HDMI function (page 20). For details, refer to the operating instructions of your TV.

## Sound

**No TV sound is output from the system.**
→ Check the type and connection of the HDMI cable, optical digital cable, or analog audio cable that is connected to the system and the TV (refer to the supplied Startup Guide).
→ When the system is connected with a TV compatible with Audio Return Channel, make sure the system is connected to an ARC-compatible HDMI input jack of the TV (refer to the supplied Startup Guide). If sound is still not output or if sound is interrupted, connect the optical digital cable (supplied only for certain areas) and set "AUD >" – "TV AU" to "OPT" (page 18).
→ If your TV is not compatible with Audio Return Channel, TV sound will not be output from the system even if the system is connected to the TV's HDMI input jack. To output TV sound from the system, connect the optical digital cable (supplied only for certain areas) (refer to the supplied Startup Guide).

→ If sound is not output from the system even if the system and TV are connected by optical digital cable or if the TV does not have an optical digital sound output jack, connect an analog audio cable (not supplied) and switch input of the system to "ANALOG" (page 11).
→ Switch input of the system to "TV" (page 11).
→ Increase the volume on the system or cancel muting.
→ Depending on the order in which you connect the TV and the system, the system may be muted and "MUTING" is displayed in the front panel display of the system. If this happens, turn on the TV first, then the system.
→ Set the speakers setting of the TV (BRAVIA) to Audio System. Refer to the operating instructions of your TV on how to set the TV.
→ Depending on the TV and the playback sources, sound may not be output from the system. Set the audio format setting of the TV to "PCM". For details, refer to the operating instructions of your TV.

**The sound is output from both the system and the TV.**
→ Mute the sound of the system or the TV.

**No sound or only very low-level sound is heard from the Subwoofer.**
→ Make sure the AC power cord (mains lead) of the Subwoofer is connected properly (refer to the supplied Startup Guide).
→ Press SW ∠ + to increase the Subwoofer volume (pages 10, 23).
→ The Subwoofer is for reproducing bass sound. In the case of input sources that contain very little bass sound components (i.e., a TV broadcast), the sound from the Subwoofer may be difficult to hear.

→ When you play content compatible with copyright protection technology (HDCP), it is not output from the Subwoofer.

**No sound or only very low-level sound of the device connected to the system is heard from the system.**
→ Press the ∠ + and check the volume level (page 10).
→ Press ⊠ or ∠ + to cancel the muting function (page 10).
→ Make sure the input source is selected correctly. You should try other input sources by pressing INPUT repeatedly (page 11).
→ Check that all the cables and cords of the system and the connected device are firmly inserted.
→ Depending on the audio format, sound may not be output. Make sure that the audio format is compatible with the system (page 29).

**No sound or only very low-level sound is heard from the Surround Speakers.**
→ Make sure cable of the Surround Speakers is connected properly to the Subwoofer (refer to the supplied Startup Guide).
→ Multi-channel sound which has not been recorded as surround sound is not output from the Surround Speakers.
→ If you want to output 2-channel sound from the Surround Speakers, press the CLEARAUDIO+ and set the sound field setting to "CLEARAUDIO+".
→ Depending on the sound source, the sound from the Surround Speakers may have been recorded with a soft sound effect.

**The surround effect cannot be obtained.**
→ Depending on the input signal and the sound field setting, surround sound processing may not work effectively. The surround effect may be subtle, depending on the program or disc.
→ To play multi channel audio, check the digital audio output setting on the device connected to the system. For details, refer to the operating instructions supplied with the connected device.

## USB device

**The USB device is not recognized.**
→ Try the following:
  ① Turn the system off.
  ② Remove and reconnect the USB device.
  ③ Turn the system on.
→ Make sure that the USB device is securely connected to the ψ (USB) port.
→ Check if the USB device or a cable is damaged.
→ Check if the USB device is on.
→ If the USB device is connected via a USB hub, disconnect it and connect the USB device directly to the Subwoofer.

## BLUETOOTH device

**BLUETOOTH connection cannot be completed.**
→ Make sure that the blue LED indicator is lit (page 8).
→ Make sure the BLUETOOTH device to be connected is turned on and the BLUETOOTH function is enabled.
→ Move the BLUETOOTH device closer to the Subwoofer.

→ Pair this system and the BLUETOOTH device again. You may need to cancel the pairing with this system using your BLUETOOTH device first.

**Pairing cannot be done.**
→ Move the BLUETOOTH device closer to the Subwoofer.
→ Make sure this system is not receiving interference from a wireless LAN equipment, other 2.4 GHz wireless devices, or a microwave oven. If a device that generates electromagnetic radiation is nearby, move the device away from this system.
→ Pairing may not be possible if other BLUETOOTH devices are present around the system. In this case, turn off the other BLUETOOTH devices.

**No sound is output from the connected BLUETOOTH device.**
→ Make sure that the blue LED indicator is lit (page 8).
→ Move the BLUETOOTH device closer to the Subwoofer.
→ If a device that generates electromagnetic radiation, such as a wireless LAN equipment, other BLUETOOTH devices, or a microwave oven is nearby, move the device away from this system.
→ Remove any obstacle between this system and the BLUETOOTH device or move this system away from the obstacle.
→ Reposition the connected BLUETOOTH device.
→ Try changing the wireless frequency of the Wi-Fi router, computer, etc. to 5 GHz band.
→ Increase the volume on the connected BLUETOOTH device.

**The sound is not in sync with the image.**
→ When you are watching movies, you may hear the sound with a slight delay from the image.

Additional Information

**27**GB

## Remote control

**The remote control does not function.**
→ Point the remote control to the remote control sensor on the Subwoofer (pages 8, 23).
→ Remove any obstacles in the path between the remote control and the Subwoofer.
→ Replace both batteries in the remote control with new ones, if they are weak.
→ Make sure you are pressing the correct button on the remote control.

**The TV remote control does not work.**
→ Install the system so that it does not obstruct the remote control sensor of the TV.

## Others

**The Control for HDMI function does not work properly.**
→ Check the connection with the system (refer to the supplied Startup Guide).
→ Enable the Control for HDMI function on the TV. For details, refer to the operating instructions of your TV.
→ Wait a while, and then try again. If you unplug the system, it will take a while before operations can be made. Wait for 15 seconds or longer, and then try again.
→ Make sure the devices connected to the system support the Control for HDMI function.
→ Enable the Control for HDMI function on the devices connected to the system. For details, refer to the operating instructions of your device.

→ The type and number of devices that can be controlled by the Control for HDMI function is restricted by the HDMI CEC standard as follows:
  • Recording devices (Blu-ray Disc recorder, DVD recorder, etc.): up to 3 devices
  • Playback devices (Blu-ray Disc Player, DVD player, etc.): up to 3 devices
  • Tuner-related devices: up to 4 devices
  • Audio system (receiver/headphone): up to 1 device (used by this system)

**If "PRTCT" appears in the front panel display of the Subwoofer.**
→ Press ⏻ to turn off the system. After the display turns off, disconnect the AC power cord (mains lead) then check that nothing is blocking the ventilation holes of the Subwoofer.

**The front panel display of the Subwoofer is not lit.**
→ Press DIMMER to set the brightness to "BRIGHT" or "DARK", if set to "OFF" (page 10).

**Sensors of the TV do not work properly.**
→ The system may block some sensors (such as the brightness sensor) and the remote control receiver of your TV, or the "emitter for 3D glasses (infrared transmission)" of a 3D TV that supports the infrared 3D glass system or the wireless communication. Move the system away from the TV within a range that allow those parts to operate properly. For the locations of the sensors and remote control receiver, refer to the operating instructions supplied with the TV.

## Reset

If the system still does not operate properly, reset the system as follows. Be sure to use the touch keys on the Subwoofer to perform this operation.

**1** **While holding INPUT, touch VOL – and ⏻ simultaneously for 5 seconds.**

"RESET" appears in the front panel display, and the settings of the menu and sound fields, etc. return to their initial status.

**2** **Disconnect the AC power cord (mains lead).**

# Playable types of files

## Music

| Codec | Extension |
|---|---|
| MP3 (MPEG-1 Audio Layer III) | .mp3 |
| AAC | .m4a, .mp4, .3gp |
| WMA9 Standard | .wma |
| LPCM | .wav |

## Video*

| Codec | Extension |
|---|---|
| Xvid** | .avi |
| MPEG4*** | .avi, .mp4, .3gp |

\*  Except for Europe models
\*\*  Only the following formats are supported.
  − Video codec: Xvid video
  − Bit rate: 4.854 Mbps (MAX)
  − Resolution/Frame rate: 720 × 480 30 fps, 720 × 576 25 fps
  − Audio codec: MP3
\*\*\* Only the following formats are supported.

  − Video codec: MPEG4 Advanced Simple Profile (AVC is not compatible.)
  − Bit rate: 4 Mbps
  − Resolution/Frame rate: 720 × 480 30 fps, 720 × 576 25 fps
  − Audio codec: AAC-LC (HE-AAC is not compatible.)
  − DRM: Not compatible

### Notes

• Some files may not play depending on the file format, the file encoding, or the recording condition.
• Some files edited on a PC may not play.
• The system does not play coded files such as DRM and Lossless.
• The system can recognize the following files or folders in USB devices:
  − up to 200 folders
  − up to 150 files/folders in a single layer
• Some USB devices may not work with this system.
• The system can recognize Mass Storage Class (MSC) devices.

# Supported audio formats

Audio formats supported by this system are as follows.
• Dolby Digital
• LPCM 2ch
• AAC

# Specifications

## Subwoofer (SA-WRT3)

**Amplifier section**
POWER OUTPUT (rated)
    Front L + Front R:
    35 W + 35 W (at 2.5 ohms, 1 kHz, 1% THD)
POWER OUTPUT (reference)

Front L/Front R/Surround L/
Surround R:
65 W (per channel at 2.5 ohms, 1 kHz)
Center:
170 W (at 4 ohms, 1 kHz)
Subwoofer:
170 W (at 4 ohms, 1 kHz)

Inputs
USB
ANALOG IN
TV IN (OPTICAL)
Output
HDMI OUT (ARC)

**HDMI section**
Connector
Type A (19pin)

**USB section**
⋎ (USB) port
Type A

**BLUETOOTH section**
Communication system
BLUETOOTH Specification version 4.2
Output
BLUETOOTH Specification Power Class 1
Maximum communication range
Line of sight approx. 25 m[1]
Frequency band
2.4 GHz band (2.4000 GHz – 2.4835 GHz)
Modulation method
FHSS (Freq Hopping Spread Spectrum)
Compatible BLUETOOTH profiles[2]
A2DP 1.2 (Advanced Audio Distribution
Profile)
AVRCP 1.6 (Audio Video Remote
Control Profile)
Supported Codecs[3]
SBC[4], AAC[5]
Transmission range (A2DP)
20 Hz – 20,000 Hz (Sampling
frequency 32 kHz, 44.1 kHz, 48 kHz)

[1] The actual range will vary depending on
factors such as obstacles between
devices, magnetic fields around a
microwave oven, static electricity,
cordless phone, reception sensitivity,
antenna's performance, operating
system, software application, etc.
[2] BLUETOOTH standard profiles indicate
the purpose of BLUETOOTH
communication between devices.

[3] Codec: Audio signal compression and
conversion format
[4] Subband Codec
[5] Advanced Audio Coding

**Speaker section**
Speaker system
Subwoofer system, Bass reflex
Speaker
160 mm cone type

**General**
Power requirements
220 V – 240 V AC, 50/60 Hz
Power consumption
On: 85 W
Standby: 0.5 W or less (Power saving
mode)
(When "CTRL" in "HDMI>" and "BTSTB"
in "BT >" are set to "OFF")
Standby: 2.8 W or less[6]
(When "CTRL" in "HDMI>" or "BTSTB" in
"BT >" is set to "ON")
Dimensions (w/h/d) (approx.)
190 mm × 392 mm × 315 mm
Mass (approx.)
7.8 kg

[6] The system will automatically enter
Power saving mode when there is no
HDMI connection and no BLUETOOTH
pairing history, regardless of the settings
you have made for "CTRL" in "HDMI>"
and "BTSTB" in "BT >".

## Bar Speaker (SS-RT3)

**Front L/Front R/Center speaker section**
Speaker system
Full range speaker system, Bass reflex
Speaker
40 mm × 100 mm cone type × 3
Dimensions (w/h/d) (approx.)
900 mm × 52 mm × 70 mm
Mass (approx.)
2.1 kg

## Surround Speakers (SS-SRT3)

Speaker system
Full range speaker system, Bass reflex
Speaker
65 mm cone type

Dimensions (w/h/d) (approx.)
80 mm × 191 mm × 70 mm
(projecting parts not included)
Mass (approx.)
0.75 kg

Design and specifications are subject to change without notice.

# Radio Frequency Bands and Maximum Output Power

**Wireless LAN/BLUETOOTH**
Frequency band
2,400 MHz - 2,483.5 MHz
Maximum output power
< 6.0 dBm

**NFC**
Frequency band
13.56 MHz
Maximum output power
< 60 dBμA/m at 10 m

# 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) device 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 device.
  - Turn off the power to the wireless LAN device when using your BLUETOOTH device within 10 meters.
  - Install this system and BLUETOOTH device as close to each other as possible.
- The radio waves broadcast by this system may interfere with the operation of some medical devices. Since this interference may result in malfunction, always turn off the power on this system and BLUETOOTH device in the following locations:
  - In hospitals, on trains, in airplanes, at gas stations, and any place where flammable gasses may be present
  - Near automatic doors or fire alarms
- This system supports security functions that comply with the BLUETOOTH specification to ensure secure connection 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.

**HDMI**

Made for
 **iPhone** | **iPod**

http://www.sony.net/

*458777122* (1)

4-587-771-**22**(1)