

SONY[®]

Home Theatre System

Operating Instructions

WARNING

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

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.

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.

Do not expose batteries or appliances with battery-installed to excessive heat, such as sunshine and fire.

Indoor use only.

Recommended cables

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

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.

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:

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



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

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic

equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.



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

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.

On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead.

By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.

To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Copyrights and Trademarks

This system incorporates Dolby* Digital Surround System.

* 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.

This system incorporates High-Definition Multimedia Interface (HDMI™) technology.

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC 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 Inc.

“ClearAudio+” is a trademark of Sony Corporation.

Other trademarks and trade names are those of their respective owners.

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 main unit 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.

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Listening

Listening to sound from a TV, cable/satellite box, etc.

Press INPUT repeatedly.

When you press INPUT once, the current device appears on the front display, then each time you press INPUT, the device changes cyclically as follows.

[OPT] → [ANALG] → [BT] → [USB] → [HDMI]

[OPT]

TV that is connected to the OPTICAL IN jack


[ANALG]

Analog device that is connected to the ANALOG IN jack

[BT]

BLUETOOTH device that supports A2DP (page 8)

[USB]

USB device that is connected to the  (USB) port (page 6)

[HDMI]

TV compatible with the Audio Return Channel function that is connected to the HDMI OUT ARC jack


Tip

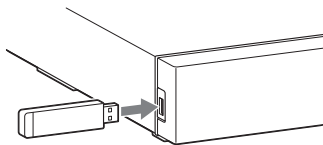
- If the BLUETOOTH functions are disabled, [BTOFF] appears instead of [BT].





Listening to music from a USB device

You can play music files on a connected USB device.

For playable types of files, see “Playable types of files” (page 22).

- 1 Connect the USB device to the  (USB) port.



- 2 Press INPUT repeatedly to display [USB].
- 3 Press  (play/pause).
- 4 Press    to select a folder to be played.

Note

- Turn off the system before removing the USB device to avoid data corruption or damage to the USB device.

Listening to music from a BLUETOOTH device

Refer to “BLUETOOTH Functions” (page 8).

Sound Adjustment

Enjoying sound effects (Sports mode, etc.)

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 desired sound field appears on the front panel display.

[CLEARAUDIO+]

The suitable sound setting is automatically selected for the sound source.

[STANDARD]

Corresponds to every source.

[MOVIE]

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

[SPORTS]

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

[GAME]

Sounds are powerful and realistic, suitable for game play.

[MUSIC]

Sounds are played back to suit a music program, music Blu-ray Disc™, or DVD.

[PAUDIO (Portable audio)]

Sounds are played back to suit a portable music player.

Setting the Night mode

Sounds are played back enhanced with sound effects and clarity of dialog.

Press NIGHT to display [N ON].

To inactivate the Night mode, press NIGHT to display [N OFF].

Setting the Voice mode

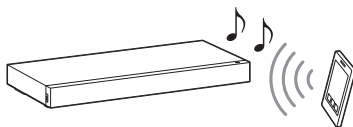
The Voice mode helps make dialogs clearer.

Press VOICE to display [V ON].

To inactivate the Voice mode, press VOICE to display [V OFF].

BLUETOOTH Functions

Listening to music from a BLUETOOTH device



Pairing this system with a BLUETOOTH device

Pairing is the process required to create a link between BLUETOOTH devices to allow wireless connection. You must pair a device with the system before you start using the system.

Once BLUETOOTH devices are paired, there is no need to pair them again.

- 1 Press PAIRING on the system.**
The BLUETOOTH indicator (blue) flashes quickly during BLUETOOTH pairing.
- 2 Turn on the BLUETOOTH function on the BLUETOOTH device, search for devices and select "HT-XT100."**
If a Passkey is requested, enter "0000."
- 3 Make sure that the BLUETOOTH indicator (blue) lights up.**

Note

- You can pair up to 8 BLUETOOTH devices. If the 9th BLUETOOTH device is paired, the least recently connected device will be replaced by the new one.

Listening to music of the registered device

- 1 Press INPUT repeatedly to display [BT].
- 2 On the BLUETOOTH device, select "HT-XT100."
- 3 Make sure that the BLUETOOTH indicator (blue) lights up.
- 4 Start playback on the BLUETOOTH device.

Connecting to a BLUETOOTH device by One-touch functions (NFC)

By holding an NFC-compatible device near to the N-Mark on the system, the system and device proceed to complete pairing and the BLUETOOTH connection automatically.

Compatible devices

Smartphones, tablets, and music players with the NFC function built-in (OS: Android™ 2.3.3 or later, excluding Android 3.x)

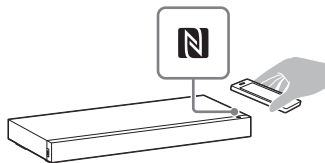
- 1 Download, install, and start the "NFC Easy Connect" application.



Note

- The application may not be available in some countries/regions.

- 2 Hold the device near to the N-Mark on the system until the device vibrates.



- 3 Make sure that the BLUETOOTH indicator (blue) lights up.
Connection has been established.

Notes

- You can connect only one device at a time.
- Depending on a smartphone, you may need to set the NFC function to on beforehand. Refer to the operating instructions of the smartphone.

Tip

- If pairing and the BLUETOOTH connection fail, do the following.
 - Relaunch "NFC Easy Connect" and move the device slowly over the N-Mark.
 - Remove the case from the device if using a commercially available device case.

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 on the front panel display.
- 2** Press **BACK/▲ ▼ (select)/ENTER** repeatedly to select the item and press **ENTER** to decide the setting.
- 3** Press **MENU** to turn off the menu.

Menu list

The default settings are underlined.

Menu items	Function
[LEVEL] (Level)	<u>[DRC]</u> (Dynamic range control) Useful for enjoying movies at low sound volume. DRC applies to Dolby Digital sources. <ul style="list-style-type: none"> • <u>[ON]</u>: Compresses sound in accordance with the information contained in the content. • <u>[OFF]</u>: Sound is not compressed.
[TONE] (Tone)	<u>[BASS]</u> (Bass) Adjusts the bass level. <ul style="list-style-type: none"> • The parameters range from [-6] to [+6] in 1-step increments.
	<u>[TRE]</u> (Treble) Adjusts the treble level. <ul style="list-style-type: none"> • The parameters range from [-6] to [+6] in 1-step increments.
[AUDIO] (Audio)	<u>[DUAL]</u> (Dual mono) You can enjoy multiplex broadcast sound when the system receives a Dolby Digital multiplex broadcast signal. <ul style="list-style-type: none"> • <u>[M/S]</u>: Main sound is output from the left speaker and sub sound is output from the right speaker. • <u>[MAIN]</u>: Outputs only the main channel. • <u>[SUB]</u>: Outputs only the sub channel.
	<u>[TV AU]</u> (TV audio) <ul style="list-style-type: none"> • <u>[HDMI]</u>: Select this setting when the system is connected to an HDMI (ARC) jack of a TV with an HDMI cable. • <u>[OPT]</u>: Select this setting when the system is connected to a TV with the optical digital cable. • <u>[ANALG]</u>: Select this setting when the system is connected to a TV with an audio cable.
	<u>[EFCT]</u> (Sound effect) <ul style="list-style-type: none"> • <u>[ON]</u>: The sound of the selected sound field is played. It is recommended to use this setting. • <u>[OFF]</u>: The input source is down-mixed for 2 channels.
	<u>[STRM]</u> (Stream) Shows the current audio stream information. <ul style="list-style-type: none"> • <u>[LPCM]</u>: L PCM • <u>[DOLBY D]</u>: Dolby Digital • <u>[NO INFO]</u>: No audio format information

Menu items		Function
[HDMI]	[CTRL] (Control for HDMI)	<ul style="list-style-type: none"> • [ON]: Turns on the Control for HDMI function. • [OFF]: Turns off the function. Select this setting when you want to connect a device not compatible with the Control for HDMI function.
[SETBT] (Set BLUETOOTH)	[BT PW] (BLUETOOTH power)	<p>Turns on or off the BLUETOOTH function of this system.</p> <ul style="list-style-type: none"> • [ON]: Turns on the BLUETOOTH function. • [OFF]: Turns off the BLUETOOTH function. <p>Note</p> <ul style="list-style-type: none"> • If you change the setting to [OFF], the BLUETOOTH function is disabled.
	[BTSTB] (BLUETOOTH standby)	<p>When the system has pairing information, the system is in BLUETOOTH standby mode even when it is turned off.</p> <ul style="list-style-type: none"> • [ON]: BLUETOOTH standby mode is enabled. • [OFF]: BLUETOOTH standby mode is disabled. <p>Note</p> <ul style="list-style-type: none"> • During BLUETOOTH standby mode, standby power consumption increases.
[USB]	[MODE] (Playback mode)	<ul style="list-style-type: none"> • [SINGL]: Plays back all tracks in a folder. • [REP 1]: Repeats one track. • [REPFL]: Repeats all tracks in a folder. • [RANDM]: Plays tracks in a folder in random order.
[SYSTEM] (System)	[ASTBY] (Auto standby)	<p>You can reduce power consumption. The system enters standby mode automatically when you do not operate the system for about 20 minutes and the system is not receiving an input signal.</p> <ul style="list-style-type: none"> • [ON]: Turns on the auto standby function. • [OFF]: Turns off the function.
	[VER] (Version)	The current firmware version information appears on the front panel display.

Using the Control for HDMI function

By using the Control for HDMI function, and connecting a device that is compatible with the Control for HDMI function via an HDMI cable, operation is simplified with the features below. The Control for HDMI function is enabled by setting [CTRL (Control for HDMI)] to [ON] (page 11). The default setting is [ON].

System Power Off

When you turn off the TV, the system and the connected device will turn off automatically.

System Audio Control

If you turn on the system while you are watching the TV, the TV sound will be output from the speakers of the system automatically.

The volume of the system will be adjusted when you adjust the volume using the TV's remote control.

If the TV sound was output from the speakers of the system the last time you watched the TV, the system will be turned on automatically when you turn on the TV again.

Audio Return Channel (ARC)

If the TV is compatible with the Audio Return Channel (ARC) technology, an HDMI cable connection will allow you to listen to the TV sound from the speakers of the system.

Control for HDMI is a mutual control function standard used by HDMI CEC (Consumer Electronics Control) for HDMI (High-Definition Multimedia Interface).

Notes

- The above features may not operate with certain device.
- Depending on the settings of the connected device, the Control for HDMI function may not work correctly. Refer to the operating instructions of the device.

Saving power in standby mode

Check that you have made the following settings:

- [CTRL (Control for HDMI)] in [HDMI] is set to [OFF] (page 11).
- [ASTBY] in [SYSTEM] is set to [ON] (page 11).
- [BTSTB] in [SETBT] is set to [OFF] (page 11).

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 climb on the system, as you may fall down and injure yourself, or system damage may result.
- Do not place anything other than a TV on the system.

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 system.
- 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.
- One blade of the plug is wider than the other for the purpose of safety and will fit into the wall outlet (mains) only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.
- 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 at the rear and bottom rises considerably. To avoid burning yourself, do not touch the system.

On placement

- Leave the front of the system open.

- Do not place the system on top of a device that radiates heat.
- 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 anything at the rear of the system 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 system.
- Install the system so as not to harm the speaker on the bottom of this system.
- The speakers of this system are not of magnetically shielded type. Do not place magnetic cards or a CRT-type TV set on top of the system or near it.
- Do not place anything on this system that weighs over 30 kg. Such an item can damage the system.

On operation

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

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 benzene.

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 [SYSTEM] to [OFF] (page 11).

Sound

No TV sound is output from the system.

- Repeatedly press the INPUT button on the remote control to display [HDMI] (when the TV is connected to the HDMI OUT jack) or [OPT] (when the TV is connected to the OPTICAL IN jack) on the display.
- Check the connection of the HDMI cable, optical digital cable, or audio cable that is connected to the system and the TV (refer to the supplied Startup Guide).
- Check the sound output of the TV. Refer to the operating instructions of the TV for the TV settings.
- Increase the volume on the TV or cancel muting.

- When a TV compatible with the Audio Return Channel (ARC) technology is connected with an HDMI cable, make sure the cable is connected to the HDMI input (ARC) terminal of the TV (refer to the supplied Startup Guide).
- If the TV is not compatible with the Audio Return Channel (ARC) technology, connect the optical digital cable. TV sound is not output via an HDMI connection (refer to the supplied Startup Guide).
- If no sound is output from an optical digital output jack or the TV does not have an optical digital output jack, connect the cable box or satellite box directly to the OPTICAL IN jack of the system.




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

- Turn off the sound of the TV.


The TV sound from this system lags behind the image.

- When you are watching movies, you may hear the sound with a slight delay from the image.

No sound or only a very low-level sound of the device connected to this system is heard from this system.

- Press the  (volume) + button on the remote control and check the volume level (page 21).
- Press the  (muting) or  (volume) + button on the remote control to cancel the muting function (page 21).
- Make sure the input source is selected correctly. You should try other input sources by pressing the INPUT button on the remote control several times (page 6).
- Check that all the cables and cords of the system and the connected device are firmly inserted.

Bass sound is not heard or its volume is low.


- Press the SW  (subwoofer volume) + button on the remote control to increase the subwoofer volume (page 21).

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  (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 system.

BLUETOOTH device

BLUETOOTH connection cannot be completed.

- Make sure that the BLUETOOTH indicator (blue) is lit (page 19).

System status	BLUETOOTH indicator (blue)
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	Lit
The system is in BLUETOOTH standby mode (when the system is off)	Unlit

- Make sure the BLUETOOTH device to be connected is turned on and the BLUETOOTH function is enabled.
- Bring this system and the BLUETOOTH device closer together.
- Pair this system and the BLUETOOTH device again. You may need to cancel the pairing with this system using your BLUETOOTH device first.
- If [BT PW] of the system is set to [OFF], set to [ON] (page 11).

Pairing cannot be achieved.

- Bring this system and the BLUETOOTH device closer together.
- 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.

No sound is output from the connected BLUETOOTH device.

- Make sure that the BLUETOOTH indicator (blue) is lit (page 19).
- Bring this system and the BLUETOOTH device closer together.
- 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.

Remote control

The remote control does not function.

- Point the remote control at the center of the front panel (remote control sensor) of the system (page 19).
- Remove any obstacles in the path between the remote control and the system.
- 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 (page 21).

Others

The Control for HDMI function does not work properly.

- Check the HDMI connection (refer to the supplied Startup Guide).
- Set up the Control for HDMI function on the TV. Refer to the operating instructions supplied with the TV for TV setting.
- If you connect/disconnect the AC power cord (mains lead), wait more than 15 seconds before operating the system.
- If you connect the audio output of video device with the system, using a cable other than an HDMI cable, no sound may be output because of the Control for HDMI function. In such a case, set [CTRL (Control for HDMI)] in [HDMI] to [OFF] (page 11) or connect the cable from the audio output jack of the video device directly to the TV.

If [PRTCT] appears on the front panel display of the system

- Press the I/⏻ (on/standby) button on the system to turn off the system. After the display disappears, disconnect the AC power cord (mains lead) then check that nothing is blocking the ventilation holes of the system.

Reset

If the system still does not operate properly, reset the system as follows:

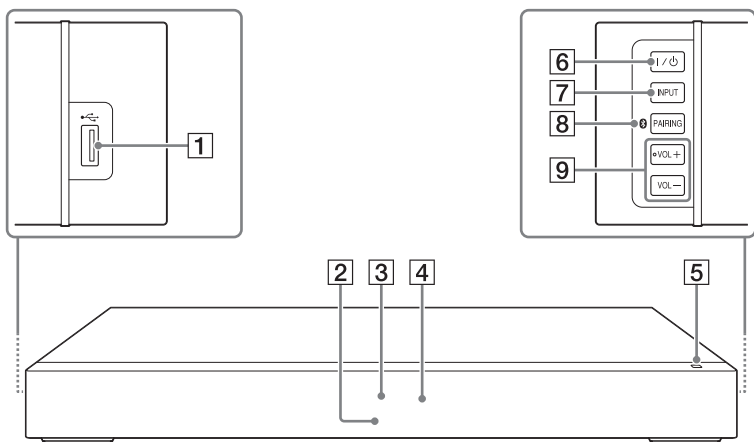
- 1 While holding down the I/⏻ (on/standby) button on the system, hold down the INPUT and VOL (volume) – buttons simultaneously for 5 seconds.**
[RESET] appears on the display, and the settings of the menu and sound fields, etc. return to their initial status.
- 2 Disconnect the AC power cord (mains lead).**


Guide to parts and controls

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

Main unit

Front and side panels



1  (USB) port (page 6)

2 **BLUETOOTH indicator (blue)**

BLUETOOTH status

– During BLUETOOTH pairing:

Flashes quickly

– BLUETOOTH connection is being attempted: Flashes

– BLUETOOTH connection has been established: Lit

– BLUETOOTH standby mode (when the system is off): Unlit

3 **Front panel display**

4 **Remote control sensor**

5 **N-Mark**

Position the NFC-compatible device near this indication to activate the NFC function.

6 **I/⏻ (on/standby) button**

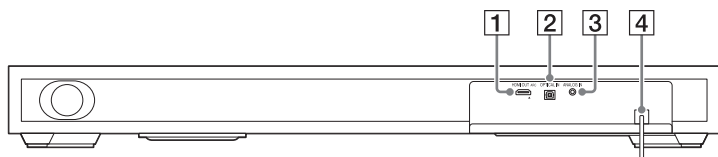
Turns on the system, or sets it to standby mode.

7 **INPUT button (page 6)**

8 **PAIRING button (page 8)**

9 **VOL (volume) +/- buttons**

Rear panel



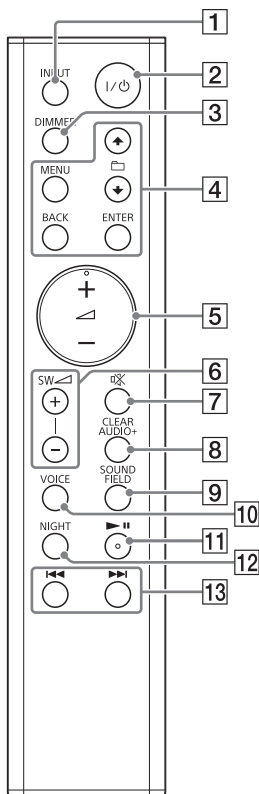
1 HDMI OUT ARC jack

2 OPTICAL IN jack

3 ANALOG IN jack

4 AC power cord (mains lead)

Remote control



1 INPUT button

2 I/⏻ (on/standby) button

3 DIMMER button

The display brightness can be switched.

Bright → Dark → Off

- When the display brightness is set to "Off," the display is turned off after the display shows

operation status for several seconds.

4 MENU/⏪ (select)/ENTER/BACK buttons

Press ⏪ or ⏩ to select the menu items. Then press ENTER to enter the selection.

To return to the previous display, press BACK.

5 (volume) +/- buttons

Adjusts the volume.

6 SW (subwoofer volume) +/- buttons

Adjusts the volume of bass sound.

7 (muting) button

Turns off the sound temporarily.

8 CLEARAUDIO+ button

Automatically selects the suitable sound setting for the sound source.

9 SOUND FIELD button (page 7)

Selects a sound mode.

10 VOICE button (page 8)

11 ▶||* (play/pause) button

Pauses or resumes playback.

12 NIGHT button (page 8)

13 ◀▶/▶▶ (previous/next) buttons

To go to the beginning of the previous or next file.

* The ▶|| and ◀ + buttons have a tactile dot. Use it as a guide during operation.

Playable types of files

Codec	Extension
MP3 (MPEG-1 Audio Layer III)	.mp3
AAC	.m4a
WMA9 Standard	.wma

Notes

- 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 199 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
- Linear PCM 2ch 48 kHz or less

Specifications

Amplifier section

POWER OUTPUT (rated)

Front L + Front R:

10 W + 10 W (at 4 ohms, 1 kHz, 1% THD)

POWER OUTPUT (reference)

Front L/Front R speaker:

20 Watts (per channel at 4 ohms, 1 kHz)

Subwoofer:

40 Watts (at 4 ohms, 100 Hz)

Inputs

ANALOG IN

DIGITAL IN

Output

HDMI OUT ARC

HDMI Section

Connector

Type A (19pin)

USB Section

⚡ (USB) port

Type A

BLUETOOTH section

Communication system

BLUETOOTH Specification version 4.0

Output

BLUETOOTH Specification Power Class 2

Maximum communication range

Line of sight approx. 10 m¹⁾

Maximum number of devices to be registered

8 devices

Frequency band

2.4 GHz band (2.4000 GHz - 2.4835 GHz)

Modulation method

FHSS (Freq Hopping Spread Spectrum)

Compatible BLUETOOTH profiles²⁾

A2DP (Advanced Audio Distribution Profile)

AVRCP (Audio Video Remote Control Profile)

Supported Codecs³⁾

SBC⁴⁾

Transmission range (A2DP)

20 Hz - 20,000 Hz (Sampling frequency 44.1 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, 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

Speakers

Front L/Front R speaker section

Speaker system

2-way speaker system, Acoustic suspension

Speaker

Tweeter: 14 mm - 25 mm balance dome type

Woofer: 43 mm × 120 mm cone type

Subwoofer section

Speaker system

Subwoofer system

Bass reflex

Speaker

100 mm cone type

General

Power requirements

220 V - 240 V AC, 50 Hz/60 Hz

Power consumption

On: 25 W

Standby mode (Control for HDMI is set to on): 6 W or less

Standby mode (Control for HDMI is set to off): 0.5 W or less

BLUETOOTH Standby mode: 6 W or less

Dimensions (approx.) (w/h/d)

702 mm × 79 mm × 311 mm

Mass (approx.)

6.5 kg

Design and specifications are subject to change without notice.

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 occur
 - BLUETOOTH devices and wireless LAN (IEEE 802.11b/g) 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 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 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.
- If you have any questions or problems concerning your system, please consult your nearest Sony dealer.

HDMI

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



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