### 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.

#### For the Bar Speaker

The nameplate is located on the bottom of the Bar Speaker.

#### For the customers in India



Disposal of old electrical & electronic equipment (applicable in the European Union and other countries with separate

collection systems)

#### For the customers in UAE

#### TRA

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

	Listening to Music/Sound
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## About These Operating Instructions

- The instructions in these Operating Instructions describe the controls on the remote control.
- Some illustrations are presented as conceptual drawings, and may be different from the actual products.
- The default settings are underlined on each feature description.
- The text enclosed in double quotation mark ("--") appears in the front panel display.

#### What's in the Box

• Bar Speaker (1)



• Subwoofer (1)



• Surround speaker (HT-S500RF only) (2)



• Surround speaker (2), speaker base (2), and screw (8) (HT-S700RF only)



• Remote control (1)



• R03 (size AAA) battery (2)



• HDMI cable (1)



• WALL MOUNT TEMPLATE (1) (Except for some countries/regions)



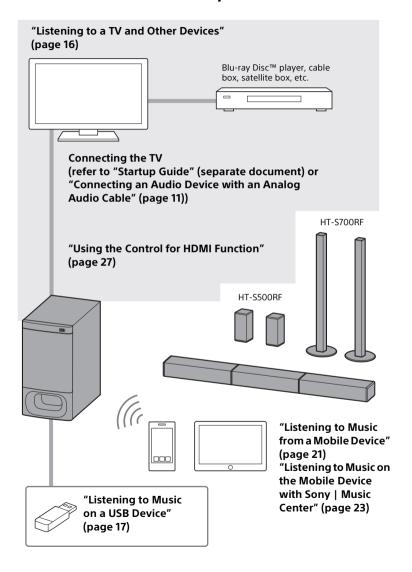
• Startup Guide



• Operating Instructions



#### What You Can Do with the System

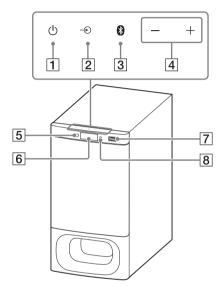


#### **Guide to Parts and Controls**

Details are omitted from the illustrations.

#### Subwoofer

#### Front



1 (power) button

Turns on the system or sets it to standby mode.

- (input select) button (page 16)
- 3 BLUETOOTH button (page 21)
- 4 +/- (volume) buttons
- 5 Remote control sensor (page 15)

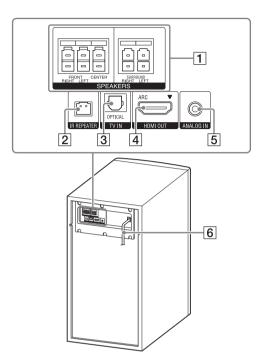
Point the remote control at the remote control sensor to operate the system.

- 6 Front panel display

#### 8 BLUETOOTH indicator

- Lights in blue: BLUETOOTH connection is established (the BLUETOOTH input is selected).
- Flashes quickly in blue: While waiting for connection with a device.
- Flashes in blue: While reconnecting or performing pairing.

#### Rear

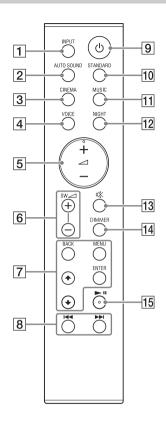


- 1 SPEAKERS jacks
- 2 IR REPEATER jack
- 3 TV IN (OPTICAL) jack
- 4 HDMI OUT (ARC) jack

Connect a TV that has an HDMI input jack with an HDMI cable. The system is compatible with Audio Return Channel (ARC). ARC is the function that sends TV sound to an AV device such as the system from the TV's HDMI jack.

- 5 ANALOG IN jack (page 11)
- 6 AC power cord (mains lead)

#### **Remote Control**



1 INPUT (page 16)

Selects the input source.

2 AUTO SOUND (page 19)

Selects AUTO SOUND for the sound effect.

3 CINEMA (page 19)

Selects CINEMA for the sound effect.

#### 4 VOICE (page 19)

Turns on/off the voice mode.

5 ∠ (volume) +\*/-

Adjusts the volume.

- 6 SW ∠ (subwoofer volume) +/Adjusts the subwoofer volume.
- 7 MENU (page 24)

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

#### ♠/♥ (page 17, 24)

Selects the menu items. Selects the content on the TV screen for USB playback.

#### ENTER (page 17, 24)

Enters the selection.

Plays the content that is selected by 
♣/♣ for USB playback.

#### BACK (page 17, 24)

Returns to the previous display. Stops USB playback.

#### 

Press to select the previous/next track or file.

Hold down to search backward or forward

#### **9** (power)

Turns on the system or sets it to standby mode.

#### 10 STANDARD (page 19)

Selects STANDARD for the sound effect.

11 MUSIC (page 19)

Selects MUSIC for the sound effect.

12 NIGHT (page 19)

Turns on/off the night mode.

#### 13 🕸 (muting)

Mutes the sound temporarily. Pressing the button while muting cancels muting.

#### 14 DIMMER

Adjusts the brightness of the front panel display.

"BRGHT" → "DARK" → "OFF"

 The front panel display is turned off when "OFF" is selected. It turns on automatically when you operate the system, 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."

#### 15 ►II (play/pause)\* (page 17, 21)

Plays, pauses, or resumes playback.

\* The ∠+ and ► II buttons have a tactile dot. Use it as a guide during operation.

### About the replacement of batteries for the remote control

When the system does not respond by operating with the remote control, replace two batteries with new batteries.

Use R03 (size AAA) manganese batteries for replacement.

Connecting to a TV or Audio
Device

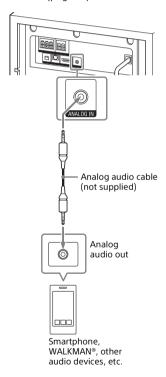
# Connecting a TV with an HDMI Cable and/or Optical Cable

Refer to Startup Guide (separate document).

### Connecting an Audio Device with an Analog Audio Cable

To connect portable audio devices such as smartphones and WALKMAN® to the system, connect them via the ANALOG IN jack on the system.

For listening to the connected device, see "Listening to a TV and Other Devices" (page 16).

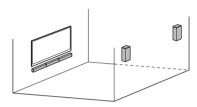


#### **Preparing for Using the System**

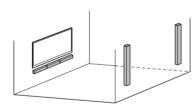
### Mounting the Bar Speaker and Surround Speakers on a Wall

You can mount the Bar Speaker and surround speakers on a wall.

#### HT-S500RF



#### HT-S700RF



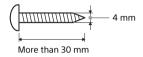
#### Notes

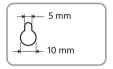
- Prepare screws (not supplied) that are suitable for the wall material and strength. As a plasterboard wall is especially fragile, attach the screws securely in the wall beam. Install the speakers horizontally, hung by screws in studs in a continuous flat section of the wall.
- Have the installation done by a Sony dealer or licensed contractor 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 disaster, etc.

### Mounting the Bar Speaker on a Wall

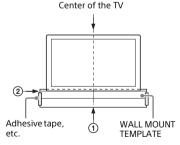
Prepare two screws (not supplied) that are suitable for the wall mount holes on the rear of the Bar Speaker.





Hole on the rear of the Bar Speaker

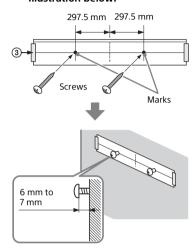
2 Stick WALL MOUNT TEMPLATE (supplied) on a wall.



- **1** Align TV CENTER LINE (**①**) of WALL MOUNT TEMPLATE with the center line of your TV.
- **2** Align TV BOTTOM LINE (**②**) of WALL MOUNT TEMPLATE with the bottom of your TV, then stick

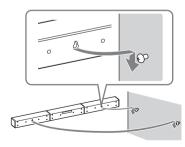
WALL MOUNT TEMPLATE on a wall by using a commercially available adhesive tape, etc.

3 Fasten the screws into the marks on SCREW LINE (③) of WALL MOUNT TEMPLATE as the illustration below.



- 4 Remove WALL MOUNT TEMPLATE.
- Hang the Bar Speaker on the screws.

Align the holes of the rear of the Bar Speaker with the screws, then hang the Bar Speaker on the two screws.



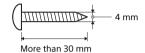
#### Note

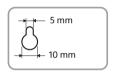
When sticking WALL MOUNT TEMPLATE, smooth it out fully.

#### Mounting the Surround Speakers on a Wall

#### For HT-S500RF

Prepare a screw (not supplied) for each speaker that is suitable for the wall mount hole on the rear of the surround speaker.

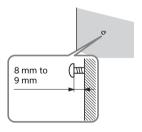




Hole on the rear of the surround speaker

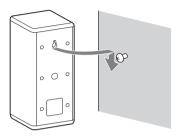
**2** Fasten the screw in the wall.

The screw should protrude as illustration.



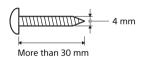
### Hang the surround speaker on the screw.

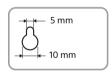
Align the hole of the rear of the surround speaker with the screw, then hang the surround speaker on the screw.



#### For HT-S700RF

Prepare two screws (not supplied) for each speaker that are suitable for the wall mount holes on the rear of the surround speaker.

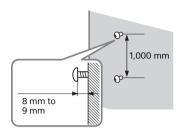




Hole on the rear of the surround speaker

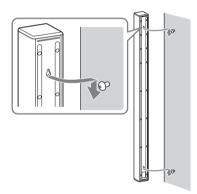
#### 2 Fasten the screws in the wall.

The screw should protrude as illustration.



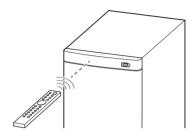
### Hang the surround speaker on the screws.

Align the holes of the rear of the surround speaker with the screws, then hang the surround speaker on the screws.



## Operating the System Using the Remote Control

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



## When the TV Remote Control does not Work

When the Bar Speaker obstructs the remote control sensor of the TV, the TV remote control may not work. In that case, enable the IR repeater function of the system.

You can control the TV with the TV remote control by sending the remote signal from the rear of the Bar Speaker.

- 1 Connect the IR repeater cord to the subwoofer.
  - Refer to Startup Guide (separate document).
- Press MENU. The menu item appears in the front panel display.
- Select "SYS >" "IRRPT" by using \$\dagger{\psi} / \dagger{\psi} / ENTER.
- 4 Select "ON" by using ◆/\*/ENTER.

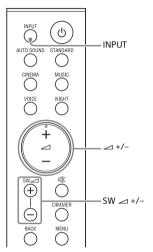
  To turn off the IR repeater function, select "OFF."
- 5 Press MENU to turn off the menu.

#### Notes

- Be sure to check that the TV remote control cannot control the TV, and then set the IR repeater function to on. If it is set to on when the remote control can control the TV, appropriate operation may not be obtained because of the interference between the direct command from the remote control and the command via the Bar Speaker.
- On some TVs, this function may not work correctly. In this case, place the Bar Speaker slightly further away from the TV.

#### Listening to the Sound

## Listening to a TV and Other Devices



### 1 Press INPUT repeatedly.

When you press INPUT once, the input source is changed and the selected input source appears in the front panel display.

Each time you press INPUT, the input source changes cyclically as follows.

"TV" 
$$\rightarrow$$
 "ANALG"  $\rightarrow$  "BT"  $\rightarrow$  "USB"

#### "T\/"

- TV compatible with the Audio Return Channel (ARC) function that is connected to the HDMI OUT (ARC) jack
- TV that is connected to the TV IN (OPTICAL) jack

When you connect the TV to both the HDMI OUT (ARC) and TV IN (OPTICAL) jacks, the input of the HDMI OUT (ARC) jack has priority.

#### "ANALG"

Audio device (smartphone, WALKMAN®, etc.) that is connected to the ANALOG IN jack

#### "BT"

BLUETOOTH device that supports A2DP For details, see "Listening to Music/ Sound with the BLUETOOTH® Function" (page 21).

#### "USB"

USB device that is connected to the  $\sqrt[4]{\text{(USB)}}$  port

For details, see "Listening to Music on a USB Device" (page 17).

### 2 Adjust the volume.

- Adjust the subwoofer volume by pressing SW 

  → +/- on the remote control (page 20).

#### qiT

You can also select the input by pressing  $\Rightarrow$  on the subwoofer.

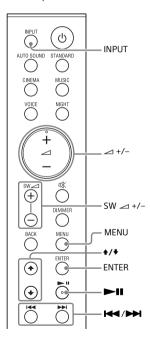
## Listening to Music on a USB Device

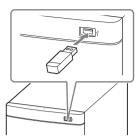
You can play music files stored on a connected USB device.

For playable types of files, see "Playable Types of Files (USB Input)" (page 38).

#### Notes

- To view the USB content list on the TV screen, make sure you connect the system to the TV using an HDMI cable.
- Change the input of the TV to the input to which the system is connected.





Press INPUT repeatedly to select "USB" in the front panel display.

> "READ" appears in the front panel display and the system starts reading data of the USB device. When the reading of data is completed, the USB content list appears on the TV screen.

Press **↑/** to select the content you want, then press ENTER.

The selected content starts playing.

- 4 Adjust the volume.

#### To select the play mode

You can select the play mode for USB playback, such as repeat play or random play, from the menu.

- 1 Press MENU.
  The menu item appears in the front panel display.
- 2 Select "USB >" − "REPT" by using **↑**/**♦**/ENTER.

- 3 Select the play mode by using ★/▼/ ENTER.
  - "NONE": Plays back all tracks under the current folder.
  - "ONE": Repeats one track.
  - "FLDER": Repeats all tracks in a folder.
  - "SHFFL": Repeats all tracks in a folder in random order.
- 4 Press MENU to turn off the menu.

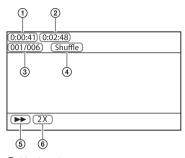
#### Other operations

То	Do this
Pause or resume playback	Press ►II.
Select the previous or next track	Press ► /►.
Search backward or forward (rewind/fast forward)	Press and hold

#### Notes

- Do not remove the USB device during operation. To avoid data corruption or damage to the USB device, turn the system off before connecting or removing the USB device.
- "NOUSB" flashes in the front panel display if you connect an unsupported or broken USB device.
- Depending on the file format, rewind and fast forward do not work.

### Information of USB Device on the TV Screen



- 1 Playing time
- ② Total playing time
- 3 Selected file index/Total files in the folder
- 4 Play mode
- (5) Playback status
- ® Rewind/fast forward speed

The following messages appear on the TV screen depending on the status of the USB device.

- [No USB]
   No USB device is inserted.
- [Waiting]
  The system is searching a USB device.

#### Notes

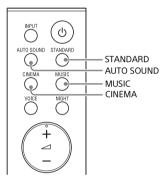
- Depending on the playback source, some information may not be displayed.
- Depending on the play mode, the information displayed may be different.

#### Selecting the Sound Effect

#### Adjusting the Sound

#### Enjoying the Sound Effect that is Tailored to Sound Sources (Sound Mode)

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



#### Press AUTO SOUND, CINEMA, MUSIC, or STANDARD to select the sound mode.

The selected sound mode appears in the front panel display.

#### "AUTO SOUND"

You can enjoy the sound with Sonyrecommended sound mode. The sound mode is automatically optimized according to playback content and function.

#### "CINFMA"

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.

#### "STANDARD"

Sound effects are optimized for the individual source.

#### Enjoying Clear Sound with Low Volume at Midnight (NIGHT)

You can compress sound in accordance with the information contained in the content by setting the night mode to on. Sound is output at low volume with minimum loss of fidelity and clarity of dialog.

### Press NIGHT to set the function to on or off.

#### Night mode on

"N.ON" appears in the front panel display.

#### Night mode off

"N.OFF" appears in the front panel display.

#### Note

When you turn the system off, the night mode is set to off automatically.

## Making Dialogs Clearer (VOICE)

You can make dialogs clearer by setting the voice mode to on.

### Press VOICE to set the function to on or off.

#### Voice mode on

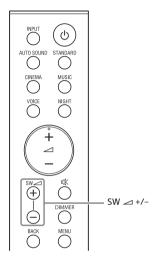
"V.ON" appears in the front panel display.

#### Voice mode off

"V.OFF" appears in the front panel display.

## Adjusting the Volume of the Subwoofer

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



Press SW (subwoofer volume) ∠ +/to adjust the volume of the
subwoofer.

#### Note

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

## Listening to Music/Sound with the BLUETOOTH® Function

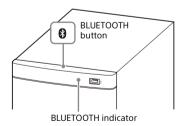
## Listening to Music from a Mobile Device

You can listen to music stored on a mobile device such as a smartphone or tablet via a wireless connection by connecting the system and the mobile device with the BLUETOOTH function. When connecting to the mobile device with the BLUETOOTH function, you can operate by simply using the supplied remote control without turning the TV on.

### Listening to Music by Pairing with a Mobile Device

Press and hold the BLUETOOTH button on the subwoofer for 2 seconds.

The system enters the pairing mode and the BLUETOOTH indicator flashes quickly.



On the mobile device, search for the system by performing the pairing operation.

The list of the BLUETOOTH devices that are searched appears on the screen of the mobile device. For the operation method to pair the BLUETOOTH device to the mobile device, refer to the operating instructions of the mobile device.

- Pair the system and mobile device by selecting "HT-S500RF" or "HT-S700RF" from the list on the screen of the mobile device.
  - If a Passkey is requested, enter "0000."
- 4 Make sure that the BLUETOOTH indicator on the subwoofer lights in blue.

A connection between the system and mobile device has been established

5 Start audio playback with the music app on the connected mobile device.

Sound is output from the system.

- 6 Adjust the volume.

  - Adjust the subwoofer volume by pressing SW 

    → +/- on the remote control (page 20).
  - ►II and I ►I on the remote control can be used for the BLUETOOTH function. (Searching backward or forward by holding down I ►I / ►I does not work.)

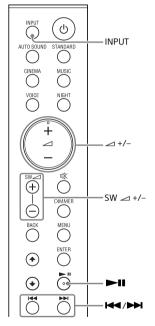
#### Notes

- You can pair up to 8 BLUETOOTH devices.
   If a 9th BLUETOOTH device is paired, the least recently connected device will be replaced by the new one.
- Perform pairing for the second and subsequent mobile devices.

#### Tips

- You can check the connection status of the BLUETOOTH function by checking the BLUETOOTH indicator status (page 7).
- While the BLUETOOTH input is being selected, the system enters the pairing mode by pressing the BLUETOOTH button on the subwoofer shortly.

#### Listening to Music from the Paired Mobile Device



- 1 Turn the BLUETOOTH function of the mobile device to on.
- 2 Press INPUT repeatedly to select "BT" or press the BLUETOOTH button on the subwoofer shortly. The BLUETOOTH indicator flashes and the system automatically

reconnects to the BLUETOOTH device it was most recently connected to.

3 Make sure that the BLUETOOTH indicator lights in blue.

A connection between the system and mobile device has been established

4 Start audio playback with the music app on the connected mobile device.

Sound is output from the system.

5 Adjust the volume.

- Adjust the subwoofer volume by pressing SW 

  → +/- on the remote control (page 20).
- ► II and I ✓ I on the remote control can be used for the BLUETOOTH function. (Searching backward or forward by holding down I ✓ I oes not work.)

### Listening to Music on the Mobile Device with Sony | Music Center

#### What You can Do with 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

- Before using Sony | Music Center with the BLUETOOTH function, be sure to set "BT >" - "BT PW" on the system to "ON" (page 26).
- 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**

Install the free Sony | Music Center app to the mobile device. Search for Sony | Music Center at Google Play or the App Store and install it onto your mobile device.

- Connect the system and mobile device with the BLUETOOTH function (page 21).
- 3 Start Sony | Music Center.
- 4 Operate by following the Sony | Music Center screen.

#### Notes

 Use Sony | Music Center of the latest version. For details about Sony | Music Center, refer to Google Play or the App Store. If you cannot connect the system and a BLUETOOTH device via the BLUETOOTH function, uninstall Sony | Music Center and try to connect via the BLUETOOTH function again.

#### **Using the Various Functions**

### **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).

- Press MENU to turn on the menu in the front panel display.
- Press BACK/↑/+/ENTER repeatedly to select the item and setting you want.
- Press MENU to turn off the menu.

#### Note

You can also turn off the menu by performing an operation other than a menu operation such as pressing  $\triangle +/-$ , SW  $\triangle +/-$ ,  $\bigcirc$ , etc.

#### Menu List

The default settings are underlined. They may differ depending on the area.

Menu items		Function
"LVL >" (Level)	"SUR.L"/"SUR.R" (Surround left/right speaker level)	"0.0": Adjusts the sound level of the surround speakers from –6.0 dB to +6.0 dB (0.5 dB interval).
		Be sure to set "TTONE" to "ON" for easy adjustment.
	"DRC" (Dynamic range control)	Useful for enjoying movies at low sound volume. DRC applies to Dolby Digital sources. "ON": Compresses sound according to the information in the content. "OFF": Sound is not compressed.
	"TTONE" (Test tone)	"ON": The test tone is output from each speaker in sequence.  "OFF": Turns off the test tone.
Mode) ' "SUR.L"/ (Surroun	(Multi Speaker	You can set the output of the speakers of the system. "ON": The sound is output from all the speakers, regardless of the number of audio channels for the playback source. "OFF": The sound is output from the speakers that correspond to the audio channel for the playback source.
	"SUR.L"/"SUR.R" (Surround left/right speaker distance)	<u>"3.0M"</u> : Adjusts the distance from the seating position to the surround speakers from 1.0 meter to 6.0 meters (0.1 meter interval).

Menu items		Function	
"AUD >" (Audio)	"DUAL" (Dual mono)	You can enjoy multiplex broadcast sound when the system receives a Dolby Digital multiplex broadcast signal.  "MAIN": Sound of the main language will be output.  "SUB": Sound of the sub language will be output.  "M/S": Mixed sound of both the main and sub languages will be output.	
		Note	
		To receive a Dolby Digital signal, you need to connect a TV or other device to the HDMI OUT (ARC) jack with the HDMI cable (supplied) or the TV IN (OPTICAL) jack with an optical digital cable (not supplied).	
	"STRM" (Stream)	Shows the current audio stream information. For details of the supported audio formats, see "Supported Input Audio Formats (HDMI OUT (TV (ARC)) or TV IN (OPTICAL))" (page 38).	
"HDMI>"	"CTRL" (Control for HDMI)	<u>"ON"</u> : The Control for HDMI function is enabled. Devices connected with an HDMI cable can control each other. "OFF": Off.	
	"TVSTB" (Standby Linked to TV)	This function is available when you set "CTRL" to "ON." "AUTO": If the input of the system is "TV", the system turns off automatically when you turn off the TV. "ON": The system turns off automatically when you turn off the TV, regardless of the input. "OFF": The system does not turn off when you turn off the TV.	

Menu items		Function	
"BT >" (BLUETOOTH)	"BT PW" (BLUETOOTH power)	You can turn the BLUETOOTH function on or off. "ON": Turns the BLUETOOTH function on. "OFF": Turns the BLUETOOTH function off.	
		Note	
		When the BLUETOOTH function is set to off, the BLUETOOTH input is skipped while selecting input by pressing INPUT.	
	"BTAAC" (BLUETOOTH codec - AAC)	You can enjoy high-quality sound if AAC codec is enabled and your device supports AAC codec. "ON": Enables AAC codec. "OFF": Disables AAC codec.	
		Note	
		If changing this setting, the changed setting is reflected after the next BLUETOOTH connection.	
	"BTSTB" (BLUETOOTH standby)	When the system has pairing information, you can turn the system on and listen to music from a BLUETOOTH device, even when the system is in standby mode, by setting the BLUETOOTH standby mode to on.  "ON": BLUETOOTH standby mode is enabled.  "OFF": BLUETOOTH standby mode is disabled.	
		Note	
		While the BLUETOOTH standby mode is on, standby power consumption increases.	
	"INFO" (BLUETOOTH device information)	The detected BLUETOOTH device name and address appear in the front panel display.  "NO DEVICE" appears if the system is not connected to a BLUETOOTH device.	
"USB >"	"REPT" (Play mode)	"NONE": Plays back all tracks under the current folder.     "ONE": Repeats one track.     "FLDER": Repeats all tracks in a folder.     "SHFFL": Repeats all tracks in a folder in random order.	
"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.  "OFF": Off.	
	"IRRPT" (IR repeater)	You can control the TV with the TV remote control via the Bar Speaker. For details, see "When the TV Remote Control does not Work" (page 15).	
	"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 an HDMI cable (High Speed HDMI Cable, supplied) enables you to easily operate the device by a TV remote control. The following functions can be used with the Control for HDMI function.

- System Power Off function
- System Audio Control function
- Audio Return Channel (ARC)
- 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 25). The default setting is "ON"

Enable the Control for HDMI function settings for the TV and other device connected to the system.

#### diT

If you enable the Control for HDMI function when using a TV manufactured by Sony, the Control for HDMI function of the system is also enabled automatically. When "HDMI>" – "CTRL" on the system is changed to "ON," "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 25). 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 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.
- Depending on the TV, if the TV sound was output from the speakers of the TV the previous time you watched the TV, the system may not turn on by interlocking with the TV power even if the TV is turned on.

#### **Audio Return Channel (ARC)**

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.

#### 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 may not turn on and the sound and picture may be 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.

### Notes on HDMI Connections

- Use an HDMI-authorized cable or the supplied HDMI 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 device if an image is poor or the sound does not come out of the device connected via the HDMI cable.
- Audio signals (sampling frequency, bit length, etc.) transmitted from an HDMI jack may be suppressed by the connected device.

## Saving Power Consumption

To use the system while saving power consumption, change the following settings.

### Turn the System Off by Detecting the Using State

When you set the auto standby function to on, 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.

### Set "SYS >" - "ASTBY" on the system to "ON" (page 26).

The default setting is "OFF."

### Saving Power in Standby Mode

To save power consumption during the standby mode, set "BTSTB" (BLUETOOTH standby) (page 26) and "CTRL" (Control for HDMI) (page 25) to "OFF."

The default settings for them are "ON."

#### Troubleshooting

### **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.

#### **Power**

#### The system does not power up.

- → Check that the AC power cord (mains lead) is connected securely.
- → Disconnect the AC power cord (mains lead) from the wall outlet (mains), and then reconnect after several minutes

### The system is turned off automatically.

→ The auto standby function is working. Set "SYS >" - "ASTBY" to "OFF" (page 26).

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

- → Set "HDMI>" "CTRL" to "ON" (page 25). The TV must support the Control for HDMI function (page 27). 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.
- → Depending on the TV, if the sound was output from the speakers of the TV the previous time, the system may not turn on by interlocking with the TV even when the TV is turned on.

### The system turns off when the TV is turned off.

→ Check the setting of "HDMI>" –
"TVSTB" (page 25). When "TVSTB" is
set to "ON" or "AUTO," the system
turns off automatically when you turn
off the TV

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

→ Check the setting of "HDMI>" –
"TVSTB" (page 25). To turn off the
system 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 27). For details, refer to the
operating instructions of your TV.

#### **Picture**

### There is no picture or the picture is not output correctly.

- → Select the appropriate input (page 16).
- → When there is no picture while TV input is selected, select the TV channel that you want using the TV remote control.
- Disconnect the HDMI cable, then connect it again. Make sure that the cable is firmly inserted.

#### Sound

### No TV sound is output from the system.

- Check the type and connection of the HDMI cable or optical digital cable that is connected to the system and the TV (refer to the supplied Startup Guide).
- → Disconnect the cables that are connected between the TV and the system, then connect them firmly again. Disconnect the AC power cords (mains leads) of the TV and the

- system from the AC outlets (mains), then connect them again.
- → When the system and TV are connected with the HDMI cable, check the following.
  - The HDMI jack of the connected TV is labeled with "ARC."
  - The Control for HDMI function of the TV is set to on.
  - On the system, the Control for HDMI function is set to on (page 27).
- → If your TV is not compatible with Audio Return Channel, connect the optical digital cable (not supplied) (refer to the supplied Startup Guide). If the 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 IN jack.
- → If the sound of the device that is connected to the optical input jack of the TV is not output, try the following.
  - Connect the cable box or satellite box directly to the TV IN (OPTICAL) jack of the system.
- → Press INPUT repeatedly to select the TV input (page 16).
- → Increase the volume on the TV or cancel muting.
- Depending on the order in which you connect the TV and the system, the system may be muted. 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 regarding how to set the TV.
- → Check the sound output of the TV. Refer to the operating instructions of the TV for the TV settings.
- → The system supports the Dolby Digital, DTS, and PCM audio formats (page 38). When you play back unsupported format, set the digital audio out setting of the TV (BRAVIA) 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 a 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)
- → A subwoofer is for reproducing bass sound. If the input sources 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 a very low-level sound of the device connected to the system is heard from the system.

- → Press → + and check the volume level (page 9).
- → Press of or → + to cancel the muting function (page 9).
- → Make sure the input source is selected correctly. You should try other input sources by pressing INPUT repeatedly (page 16).
- Check that all the cables and cords of the system and the connected device are firmly inserted.
- → If the connected device supports the up-sampling feature, you need to turn it off.

## No sound or only very low-level sound is heard from the surround speakers.

→ Make sure that the cables of the surround speakers are connected

- properly to the subwoofer (refer to the supplied Startup Guide).
- → Check that "SPK >" "MULTI" is set to "ON" (page 24). If "SPK >" "MULTI" is set to "OFF," the sound is not output from the surround speakers when playing the sound of 2-channel source.
- → Multi-channel sound which has not been recorded as surround sound is not output from the surround speakers.

### The surround effect cannot be obtained.

- → Depending on the input signal and the sound mode 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 Connection**

#### The USB device is not recognized.

- → Try the following:
  - ① Turn the system off.
  - Remove and reconnect the USB device.
  - 3 Turn the system on.
- → Make sure that the USB device is securely connected to the ¼ (USB) port (page 17).
- → Check to see if the USB device or a cable is damaged.
- → Make sure that 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.

#### **Mobile Device Connection**

### BLUETOOTH connection cannot be completed.

- → Make sure that the BLUETOOTH indicator on the subwoofer is lit (page 7).
- → Make sure the BLUETOOTH device to be connected is turned on and the BLUETOOTH function is enabled.
- → Bring the BLUETOOTH device close 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.
- → If "BT >" "BT PW" is set to "OFF," set to "ON" (page 26).

#### Pairing cannot be achieved.

- → Bring the BLUETOOTH device close to the subwoofer.
- → Make sure this system is not receiving interference from a wireless LAN device, 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.

## Sound of the connected BLUETOOTH mobile device is not output from the system.

- → Make sure that the BLUETOOTH indicator on the subwoofer is lit (page 7).
- → Bring the BLUETOOTH device close to the subwoofer.
- → If a device that generates electromagnetic radiation, such as a wireless LAN device, other BLUETOOTH devices, or a microwave

- oven is nearby, move the device away from this system.
- → Move the USB 3.0 device and its cable 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.
- → Switch the wireless LAN frequency of any nearby wireless LAN router or PC to 5 GHz range.
- → 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 of this system does not function.

- → Point the remote control at the remote control sensor on the subwoofer (page 7).
- → 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 (page 9).

### The TV remote control does not work.

- → Install the Bar Speaker so that it does not obstruct the remote control sensor of the TV.
- → This problem might be solved by enabling the IR repeater function (page 15).

#### **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 of 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)

# "PRTCT" appears in the front panel display of the subwoofer, the sound is muted, and buttons on the remote control or subwoofer other than (b) (power) do not work.

- → The protection feature is activated. Press (b) (power) to turn the system off and disconnect the AC power cord (mains lead) and check the items below.
  - Make sure that the ventilations of the subwoofer are not covered and turn on the system after a while.
  - When the system is using the USB connection, remove the USB device and turn on the system. If the system operates properly, the current of the connected USB device is over the maximum output current of the system 500 mA, or the USB device may have an abnormality.

### The front panel display of the subwoofer is not lit.

→ Press DIMMER to set the brightness to "BRGHT" or "DARK" if set to "OFF" (page 9).

### Sensors of the TV do not work properly.

→ The Bar Speaker may block some sensors (such as the brightness sensor), 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 wireless communication. Move the Bar Speaker away from the TV within a range that allows those parts to operate properly. For the locations of the sensors and remote control receiver, refer to the operating instructions supplied with the TV.

## The system does not work properly ("DEMO" appears in the front panel display).

→ The system is in demo mode. To cancel demo mode, reset the system. Press and hold 🖰 (power), +, and → on the subwoofer for more than 5 seconds (page 35).

## When you change to the TV input from the USB input by pressing INPUT, the message appears.

 Please select the desired TV channels with the TV's remote control.

- \* This screen is an example for English.
- → Select the TV program by using the TV remote control.

### **Resetting the System**

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

- Press and hold ♥, +, and → on the subwoofer for more than 5 seconds.
  - "INIT" appears in the front panel display, and the settings of the menu and sound mode, etc. return to their initial status.
- 2 Disconnect the AC power cord (mains lead).
- 3 Connect the AC power cord (mains lead), then press () to turn on the system.

#### Tip

The default settings are underlined on each feature description.

#### Additional Information

#### **Specifications**

### Subwoofer (SA-WS500RF/SA-WS700RF)

#### Amplifier section

POWER OUTPUT (rated)

Front L + Front R: 85 W + 85 W (at 5.5 ohms, 1 kHz, 1% THD)

POWER OUTPUT (reference)

Front L/Front R/Surround L/Surround R/Center: 152 W (per channel at 5.5 ohms. 1 kHz)

Subwoofer: 240 W (at 3.3 ohms, 100 Hz)

Inputs

TV IN (OPTICAL)

USB

HDMI OUT (ARC)

ANALOG IN

Output

HDMI OUT (ARC)

#### **HDMI** section

Connector

Type A (19pin)

#### **USB** section

√ (USB) port:
Type A

#### **BLUETOOTH** section

Communication system

BLUETOOTH Specification version 4.2

Output

BLUETOOTH Specification 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 profiles2)

A2DP (Advanced Audio Distribution Profile)

AVRCP (Audio Video Remote Control Profile)

Supported Codec<sup>3)</sup> SBC<sup>4)</sup>. AAC<sup>5)</sup>

Transmission range (A2DP)

20 Hz - 20,000 Hz (Sampling frequency 32 kHz, 44.1 kHz, 48 kHz)

- The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, cordless phone use, reception sensitivity, the operating system, software applications, etc.
- BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.
- 3) Codec: Audio signal compression and conversion format
- Abbreviation for Subband Codec
- Abbreviation for Advanced Audio Coding

#### Speaker section

Speaker system

Subwoofer system, Bass reflex

Speaker

HT-S500RF: 180 mm cone type HT-S700RF: 200 mm cone type

#### General

Power requirements

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

Power consumption

On: 140 W

Standby: 0.5 W or less (Power Saving

mode)

(When "CTRL" in "HDMI>" and "BTSTB"

in "BT >" are set to "OFF")

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

HT-S500RF: 207 mm × 402 mm ×

330 mm

HT-S700RF: 231 mm × 438 mm ×

378 mm

\* Including projection portion

Mass (approx.)

HT-S500RF: 9.0 kg HT-S700RF: 10.2 kg

#### 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 X/iPhone 8/iPhone 8 Plus/iPhone 7/iPhone 7 Plus/iPhone SE/iPhone 6s/ iPhone 6s Plus/iPhone 6/iPhone 6 Plus/ iPhone 5s/iPhone 5c/iPhone 5 iPod touch (6th generation)

### Bar Speaker (SS-S500RF/SS-S700RF)

#### Front L/Front R speaker blocks

Speaker system

2-Way speaker system, Bass reflex Speaker

Woofer: 48 mm × 90 mm cone type Tweeter: 25 mm balanced dome type

#### Center speaker block

Speaker system

Full range speaker system, Bass reflex Speaker

Woofer: 48 mm × 90 mm cone type

#### General

Dimensions (w/h/d) (approx.) 900 mm × 64 mm × 90 mm Mass (approx.) 3.0 kg

### Surround Speakers (SS-SS500RF)

Speaker system

Full range speaker system, Bass reflex Speaker

48 mm x 90 mm cone type Dimensions (w/h/d) (approx.) 91 mm × 216 mm × 91 mm Mass (approx.)

4.0.1

1.0 kg

### Surround Speakers (SS-SS700RF)

Speaker system

2-Way speaker system, Bass reflex Speaker

Woofer: 48 mm × 90 mm cone type Tweeter: 25 mm balanced dome type Dimensions (w/h/d) (approx.)

78 mm × 1200 mm × 78 mm Mass (approx.)

3.6 kg

Design and specifications are subject to change without notice.

## Playable Types of Files (USB Input)

Codec	Extension	
MP3 (MPEG-1 Audio Layer III)	.mp3	
WMA9 Standard	.wma	
LPCM (2ch)	.wav	

#### Notes

- Some files may not play or may play with no sound 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 (including empty folder and root folder)
  - up to 150 tracks in one folder
  - up to folders in the 8th layer (including the root folder)
- Some USB devices may not work with this system.
- The system can recognize Mass Storage Class (MSC) devices.

### Supported Input Audio Formats (HDMI OUT (TV (ARC)) or TV IN (OPTICAL))

Audio formats supported by this system are as follows.

- Dolby Digital
- DTS
- Linear PCM 2ch

## On BLUETOOTH Communication

- BLUETOOTH devices should be used within approximately 10 meters (33 feet) (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/n) 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 (33 feet) away from the wireless LAN device.
  - Turn off the power to the wireless LAN device when using your BLUETOOTH device within 10 meters (33 feet).
  - 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.

#### **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 be affected. In this 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 device, 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.

#### On handling the subwoofer

Do not place your hand into the slit of the subwoofer when lifting it. The speaker driver may be damaged. When lifting it, hold the bottom of the subwoofer.

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