

SONY®

Sound Bar

Reference Guide

GB

參考指南

CT

HT-ST7

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 Directive using a connection cable shorter than 3 meters.

For the customers in Singapore

For the wireless transceiver (EZW-RT50) and the Bar Speaker (SA-ST7)

Complies with
IDA Standards
DB00353

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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 Bar Speaker or the subwoofer, 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 Bar Speaker.
- 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 the 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 a large volume, the system temperature of the back and bottom 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 anything at the rear of the Bar Speaker and subwoofer 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 this case, place the system away from the TV, VCR, or tape deck.
- Use caution when placing the system on surfaces that have been specially treated (with wax, oil, polish, etc.) as staining or discoloration of the surface may result.
- Take care to avoid any possible injury on the corners of the Bar Speaker or the subwoofer.

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.

On operation

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

If you encounter color irregularity on a nearby TV screen

Color irregularities may be observed on certain types of TV sets.

If color irregularity is observed...

Turn off the TV set, then turn it on again after 15 to 30 minutes.

If color irregularity is observed again...

Place the system further away from the TV set.

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.

Copyrights

This system incorporates Dolby* Digital and the DTS** Digital Surround System.

- * Manufactured under license from Dolby Laboratories. Dolby, and the double-D symbol are trademarks of Dolby Laboratories.
- ** Manufactured under license under U.S. Patent Nos: 5,956,674; 5,974,380; 6,226,616; 6,487,535; 7,212,872; 7,333,929; 7,392,195; 7,272,567 & other U.S. and worldwide patents issued & pending. DTS-HD, the Symbol, & DTS-HD and the Symbol together are registered trademarks & DTS-HD Master Audio is a trademark of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.

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.

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BLUETOOTH wireless technology

Supported BLUETOOTH version and profiles

Profile refers to a standard set of capabilities for various BLUETOOTH product capabilities. See “Specifications” (page 13) on the BLUETOOTH version and profiles supported by this system.

Notes

- For you to use the BLUETOOTH function, the BLUETOOTH device to be connected must support the same profile as this system. Even if the device supports the same profile, the functions may differ because of the specifications of the BLUETOOTH device.
- The audio playback on this system may be delayed from that on the BLUETOOTH device because of the characteristics of the BLUETOOTH wireless technology.

Effective communication range

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

Effects of other devices

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:

- Try connecting this system and BLUETOOTH mobile phone or BLUETOOTH device when you are at least 10 meters away from the wireless LAN equipment.

- Turn off the power to the wireless LAN equipment when using your BLUETOOTH device within 10 meters.

Effects on other devices

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, BLUETOOTH mobile phone 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

Notes

- This system supports security functions that comply with the BLUETOOTH specification as a means of ensuring security 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.

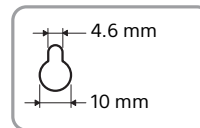
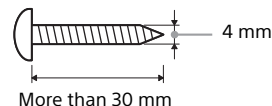
Installing the Bar Speaker on a wall

You can install the Bar Speaker on the wall.

Notes

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

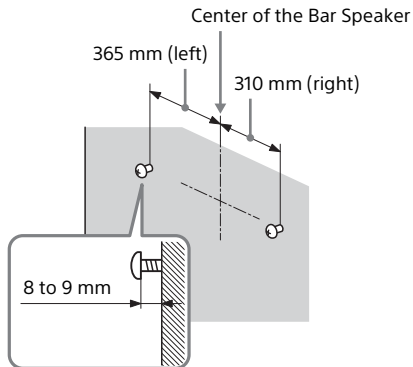
1 Prepare screws (not supplied) that are suitable for the holes on the back of the Bar Speaker.



Hole on the back of the Bar Speaker

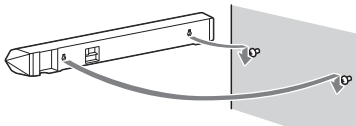
2 Fasten the screws to the wall.

The screws should protrude 8 to 9 mm.



3 Hang the Bar Speaker onto the screws.

Align the holes on the back of the Bar Speaker to the screws, then hang the Bar Speaker onto the 2 screws.

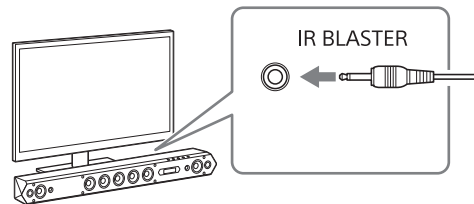


Enabling the IR repeater function (when you cannot control the TV)

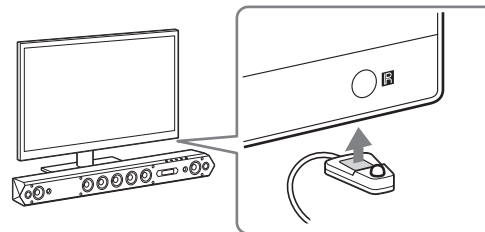
When the Bar Speaker is placed in front of a TV, the TV may not be controlled with the remote control of the TV. In that case, connect the IR blaster supplied to the IR BLASTER jack of the Bar Speaker, then enable the IR repeater function.

You will be able to control the TV with the remote control of the TV via the IR blaster.

1 Connect the IR blaster supplied to the IR BLASTER jack of the Bar Speaker.



2 Place the IR blaster close to the remote control sensor of the TV, aiming the IR emitter of the IR blaster at the remote control sensor of the TV.



continued

Notes

- Refer to the operating instructions of your TV for the location of the remote control sensor.
- Connect the IR blaster before connecting the AC power cord (mains lead) of the Bar Speaker.
- Do not connect the IR blaster to a headphone jack, etc. of the TV.
- Do not use the IR blaster for any other purposes.
- Make sure that the IR repeater function is working before securing the IR blaster on the Bar Speaker with the double-faced adhesive tape supplied.
- Location of the IR blaster may vary depending on the product you are using.

3 Press **MENU** on the remote control of the system.

(Refer to "Adjusting the settings" in the Operating Instructions.)

4 Select "**SYSTEM**" with **↑/↓**, then press **ENTER**.

5 Select "**IR REP.**," then press **ENTER**.

6 Select "**ON**," then press **ENTER**.

7 Press **MENU**.

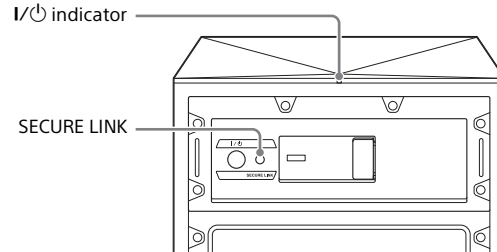
The menu turns off.

Notes

- Be sure to check that the remote control of the TV cannot control the TV, then set "IR REP." 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. In this case, adjust the position of the IR blaster or the Bar Speaker.

Enabling the Secure Link function

You can specify the wireless connection to be used to link the Bar Speaker to the subwoofer using the Secure Link function. This function is useful when you use multiple wireless products.



1 Press **MENU** on the remote control.

(Refer to "Adjusting the settings" in the Operating Instructions.)

2 Select "**WS**" with **↑/↓**, then press **ENTER**.

3 Select "**SEC. ON**," then press **ENTER**.

4 When "**START**" appears, press **ENTER**.

"SEARCH" appears, and the Bar Speaker searches for equipment that can be used with Secure Link.

Proceed to the next step within 2 minutes.

To quit the Secure Link function during a search for equipment, press RETURN.

5 Press SECURE LINK on the subwoofer with the point of a pen, etc.

The I/⏻ indicator on the subwoofer lights in yellow. "OK" appears on the front panel display of the Bar Speaker.
If "FAILED" appears, make sure that the subwoofer is turned on, and perform the process again from step 1.

6 Press MENU.

The menu turns off.

Cancelling the Secure Link function

1 Press MENU on the remote control.

(Refer to "Adjusting the settings" in the Operating Instructions.)

2 Select "WS" with ↑/↓, then press ENTER.

3 Select "SEC.OFF," then press ENTER.

4 When "OK?" appears, press ENTER.

"FINISH" appears on the front panel display.

5 Press MENU.

The menu turns off.

6 Press and hold SECURE LINK on the subwoofer for several seconds until the I/⏻ indicator turns green or flashes in green.

Be sure to press SECURE LINK with the point of a pen, etc.

Using the Control for HDMI function

By enabling the Control for HDMI function, and connecting equipment that is compatible with the Control for HDMI function via an HDMI cable, operation is simplified with the features below.

System Power Off

When you turn off the TV using the power button on the TV's remote control, the system and the connected equipment turn off automatically.

System Audio Control

If you turn on the system while you are watching the TV, the TV sound is output from the speakers of the system automatically. The volume of the system is adjusted when you adjust the TV volume.

If the TV sound was output from the speakers of the system the last time you turned off the TV, the system is turned on automatically when you turn on the TV again, and the TV sound is output from the speakers of the system automatically.

Audio Return Channel (ARC)

If the TV is compatible with the Audio Return Channel (ARC) technology, an HDMI cable connection also sends a digital audio signal from the TV to the system. You do not need to make a separate audio connection for listening to TV sound from the system.

One-Touch Play

When you play the equipment connected to the system with an HDMI cable, the connected TV is turned on automatically and the input signal of the system is switched to the appropriate HDMI input.

continued

Notes

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

Using "BRAVIA" Sync features

The original Sony functions listed below can also be used with products that are compatible with "BRAVIA" Sync.

Power save

If a "BRAVIA" Sync-compatible TV is connected to the system, the power consumption is reduced in standby mode by stopping HDMI signal transmission when TV is turned off.

Notes on HDMI connections

- Use a High Speed HDMI cable. If you use a Standard HDMI cable, 1080p, Deep Color, 3D, and 4K images may not be displayed properly.
- Use an HDMI-authorized cable.
Use a Sony High Speed HDMI cable with Cable Type Logo.
- We do not recommend using an HDMI-DVI conversion cable.
- Check the setup of the connected equipment if an image is poor or the sound does not come out of the equipment connected via the HDMI cable.
- Audio signals (sampling frequency, bit length, etc.) transmitted from an HDMI jack may be suppressed by the connected equipment.
- Sound may be interrupted when the sampling frequency or the number of channels of audio output signals from the playback equipment is switched.

- When the connected equipment is not compatible with copyright protection technology (HDCP), the image and/or the sound from the HDMI TV OUT (ARC) jack may be distorted or may not be output. In this case, check the specification of the connected equipment.
- When "TV" is selected for the input source of the system, video signals via one of the HDMI IN jacks that was selected last time are output from the HDMI TV OUT (ARC) jack.
- This system supports Deep Color, "x.v.Colour," 3D, and 4K transmission.
- To enjoy 3D images, connect a 3D-compatible TV and video equipment (Blu-ray Disc player, "PlayStation®3," etc.) to the system using High Speed HDMI cables, put on 3D glasses, and then play back 3D compatible Blu-ray Disc.
- To enjoy 4K images, the TV and players that are connected to the system must be compatible with the 4K images.

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 is not turned on.

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

The system is turned off automatically.

→ The "A. STBY" function is working. Set "A. STBY" to "OFF" (refer to "Adjusting the settings" in the Operating Instructions).

SOUND

No TV sound is output from the system.

→ Make sure the input source is selected correctly. You should try other input sources by pressing the INPUT button several times (refer to "Listening to the audio" in the Operating Instructions).

- Check the connection of the HDMI cable, digital optical cable, or audio cable that is connected to the system and the TV (refer to “Connection” in the Operating Instructions).
- Check that “TV” is displayed as the input source on the front panel display.
- Check the sound output of the TV.
- Check to make sure the TV sound volume is not too low or muted.
- When a TV compatible with the Audio Return Channel (ARC) technology is connected with an HDMI cable, check to make sure the cable is connected to the HDMI (ARC) jack of the TV.
- If the TV is not compatible with the Audio Return Channel (ARC) technology, connect the digital optical cable in addition to the HDMI cable in order to output sound.

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

- Turn off the sound of the system or the TV.

Sound lags behind the TV image.

- Set “SYNC” to “OFF” if it is set to any of 1 to 4 (refer to “Adjusting the settings” in the Operating Instructions).

No sound or only a very low-level sound of the equipment connected to the Bar Speaker is heard from the Bar Speaker.

- Press VOL + and check the volume level (refer to “Parts and controls” in the Operating Instructions).
- Press MUTING or VOL + to cancel the muting function (refer to “Parts and controls” in the Operating Instructions).
- Make sure the input source is selected correctly. You should try other input sources by pressing the INPUT button several times (refer to “Listening to the audio” in the Operating Instructions).
- Check that the input source is correctly selected.
- Check that all the cables and cords of the system and the connected equipment are fully inserted.

No sound or only a very low-level sound is heard from the subwoofer.

- Turn up the subwoofer volume by pressing the SW VOL + button (refer to “Parts and controls” in the Operating Instructions).
- Make sure that the I/O indicator on the subwoofer is lit in green. If not, refer to “No sound is output from the subwoofer.” in “WIRELESS SOUND” (page 12).

- A subwoofer is for reproducing bass sound. In the case of input sources that contain very little bass sound components (i.e., a TV broadcast), the sound from the subwoofer may be difficult to hear.
- When you play content compatible with copyright protection technology (HDCP), it is not output from the subwoofer.

Dolby Digital or DTS multi-channel sound is not reproduced.

- Check the audio setting of Dolby Digital or DTS format on the Blu-ray Disc player, DVD player, etc., connected to the system.

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.
- If you connect a Blu-ray Disc player or a DVD player compatible with the surround effect function, the surround effect of the system may not work. In this case, set the surround effect function of the connected equipment to off. For details, refer to the operating instructions supplied with the connected equipment.

BLUETOOTH

BLUETOOTH connection cannot be completed.

- Make sure that the BLUETOOTH indicator is lit in blue (refer to “Listening to the audio from BLUETOOTH devices” in the Operating Instructions).

System status	Indicator status
During BLUETOOTH pairing	Flashes quickly in blue.
The system is attempting to connect with a BLUETOOTH device	Flashes in blue.
The system has established in connection with a BLUETOOTH device	Lights up in blue.
The system is in BLUETOOTH standby mode (when the system is off)	Flashes slowly in blue.

- Make sure the BLUETOOTH device to be connected is turned on and the BLUETOOTH function is enabled.
- Locate this system and the BLUETOOTH device as near as possible.
- Pair this system and the BLUETOOTH device again.

- You may need to cancel the pairing with this system using your BLUETOOTH device first.

Pairing cannot be done.

- Bring this system and the BLUETOOTH device closer together (refer to "Listening to the audio from BLUETOOTH devices" in the Operating Instructions).
- Make sure this system is not receiving interference from a Wi-Fi network, 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.

BLUETOOTH connection is disconnected.

No sound from the connected device is output.

Sound skips.

- Bring this system and the BLUETOOTH device closer together.
- If a device that generates electromagnetic radiation, such as a Wi-Fi network, 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.
- Re-position the BLUETOOTH device connected.
- Try changing the Wi-Fi frequency of the Wi-Fi router, computer, etc., to 5 GHz band.

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.

WIRELESS SOUND

No sound is output from the subwoofer.

- Make sure the AC power cord (mains lead) of the subwoofer is connected.
- Make sure the wireless transceivers are inserted correctly (refer to "Inserting the wireless transceivers" in the Operating Instructions).
- If the I/O indicator is off:
 - Check that the AC power cord (mains lead) of the subwoofer is connected securely.
 - Turn the subwoofer on by pressing the I/O button on the subwoofer.


- If the I/O indicator flashes in green slowly or is lit in red:
 - Move the subwoofer nearer to the Bar Speaker so that the indicator lights up in green.
 - Check the wireless transmission status with "RF CHK" (refer to "Adjusting the settings" in the Operating Instructions). If "RF NG" appears on the front panel display, push the wireless transceivers into the Bar Speaker and the subwoofer until they click.
 - Operate it as described in "Enabling the Secure Link function" (page 8).
- If the I/O indicator flashes in green quickly:
 - First press the I/O button to turn off the subwoofer, then insert the wireless transceiver into the subwoofer correctly, and press the I/O button on the subwoofer again.
- If the I/O indicator flashes in red:
 - Press the I/O button to turn off the subwoofer, and check that nothing is blocking the ventilation holes of the subwoofer.
- A subwoofer is for reproducing bass sound. In the case of input sources that contain very little bass sound components (i.e., a TV broadcast), the sound from the subwoofer may be difficult to hear.
- Turn up the subwoofer volume by pressing the SW VOL + button (refer to "Parts and controls" in the Operating Instructions).

Sound skips or has noise.

- If a device that generates electromagnetic radiation, such as a Wi-Fi network, or a microwave oven is nearby, move the device away from this system.
- Remove any obstacle between the Bar Speaker and the subwoofer, or move this system away from the obstacle.
- Locate the Bar Speaker and the subwoofer as near as possible.

OTHERS

The remote control does not function.

- Point the remote control at the remote control sensor  on the system (refer to "Parts and controls" in the Operating Instructions).
- 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.

TV remote control does not work.

- This problem might be solved by using the IR blaster supplied (page 7).

The Control for HDMI function does not work properly.

- Check the HDMI connection.
- Set up the Control for HDMI function on the TV.
- Make sure that any equipment connected is compatible with "BRAVIA" Sync.
- Check the Control for HDMI settings on the connected equipment. Refer to the operating instructions supplied with the connected equipment.
- If you connect/disconnect the AC power cord (mains lead), wait for more than 15 seconds and operate the system.
- If you connect the audio output of the video equipment and the system using a cable other than an HDMI cable, no sound may be output because of "BRAVIA" Sync. In this case, set "CTRL" to "OFF" (refer to "Adjusting the settings" in the Operating Instructions) or connect the audio output jack directly to the TV instead of the system.

"PTECT (protect)" appears on the front panel display.

- Press the I/⏻ button to turn off the system. After "STBY" 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 Press the I/⏻ button to turn on the Bar Speaker.**
- 2 Press the I/⏻ button while pressing INPUT and VOL – on the Bar Speaker.**

"RESET" appears and the system is reset. The menu, SOUND MODE, etc., return to the default settings.

Specifications

Bar Speaker (SA-ST7)

Amplifier section

Models for Taiwan

POWER OUTPUT (rated)

Front L + Front R: 35 W + 35 W (at 4 ohms, 1 kHz, 1% THD)

POWER OUTPUT (reference)

Front L/Front R speaker blocks: 50 Watts (per channel at 4 ohms, 1 kHz)

Center speaker block: 50 Watts (per channel at 4 ohms, 1 kHz)

Models for other countries/regions

POWER OUTPUT (rated)

Front L + Front R: 40 W + 40 W (at 4 ohms, 1 kHz, 1% THD)

POWER OUTPUT (reference)

Front L/Front R speaker blocks: 50 Watts (per channel at 4 ohms, 1 kHz)

Center speaker block: 50 Watts (per channel at 4 ohms, 1 kHz)

Inputs

HDMI IN 1/2/3*

OPTICAL IN 1(TV)/2

ANALOG IN

COAXIAL IN

* These 3 jacks are identical. Using any of them makes no difference.

Output

HDMI TV OUT (ARC)

BLUETOOTH section

Communication system

BLUETOOTH Specification version 3.0

Output

BLUETOOTH Specification Power Class 2

Maximum communication range

Line of sight approx. 10 m¹⁾

Maximum number of devices to be registered

9 devices

continued

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 1.3 (Audio Video Remote Control Profile)

Supported Codecs³⁾

SBC⁴⁾, AAC⁵⁾, aptX

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
- 5) Advanced Audio Coding

Front L/Front R speaker blocks

Speaker system

2-way speaker system, Acoustic suspension

Speaker

Woofer: 65 mm cone type, Magnetic fluid speaker

Tweeter; 20 mm dome type

Rated impedance

4 ohms

Center speaker block

Speaker system

Full range speaker system, Acoustic suspension

Speaker (5 speakers)

65 mm cone type, Magnetic fluid speaker

Rated impedance

4 ohms

General

Models for Taiwan

Power requirements

120 V AC, 50 Hz/60 Hz

Power consumption

On: 50 W

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

BLUETOOTH Standby mode: 0.5 W or less

Models for other countries/regions

Power requirements

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

Power consumption

On: 55 W

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

BLUETOOTH Standby mode: 0.5 W or less

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

1,080 mm × 109 mm × 110 mm (without grille frame, without stands)

1,080 mm × 109 mm × 129 mm (with grille frame, without stands)

1,080 mm × 129 mm × 138 mm (with grille frame, with stands)

1,080 mm × 129 mm × 130 mm (without grille frame, with stands)

Mass (approx.)

7.9 kg (with grille frame, with stands)

Subwoofer (SA-WST7)

POWER OUTPUT (reference)

100 W (per channel at 4 ohms, 100 Hz)

Speaker system

Subwoofer, Passive radiator type

Speaker

180 mm cone type

200 mm × 300 mm cone type, Passive radiator

Rated impedance

4 ohms

Power requirements

Models for Taiwan: 120 V AC, 50 Hz/60 Hz

Models for other countries/regions: 220 V - 240 V AC, 50 Hz/60 Hz

Power consumption

On: 30 W

Standby mode: 0.5 W or less

Dimensions (approx.)
241 mm × 391 mm × 411 mm (w/h/d)
Mass (approx.)
11.2 kg

Wireless transceiver (EZW-RT50)

Communication System
Wireless Sound Specification version 1.0
Frequency band
5.725 GHz - 5.875 GHz
Power requirements
DC 3.3 V, 300 mA
Modulation method
DSSS
Dimensions (approx.)
30 mm × 9 mm × 60 mm (w/h/d)
Mass (approx.)
10 g

Digital audio input formats supported by the system

Dolby Digital	DTS-HD Master Audio*
Dolby Digital Plus*	DTS-HD High Resolution Audio*
Dolby TrueHD*	DTS-HD Low Bit Rate*
DTS	Linear PCM 2ch 48 kHz or less
DTS 96/24	Linear PCM Maximum 7.1ch 192 kHz or less*

* It is possible to input these formats only with HDMI connection.

Video formats supported by the system

Input/Output (HDMI Repeater block)

File	2D	3D		
		Frame packing	Side-by-Side (Half)	Over-Under (Top-and-Bottom)
4096 × 2160p @ 23.98/24 Hz	○	–	–	–
3840 × 2160p @ 29.97/30 Hz	○	–	–	–
3840 × 2160p @ 25 Hz	○	–	–	–
3840 × 2160p @ 23.98/24 Hz	○	–	–	–
1920 × 1080p @ 59.94/60 Hz	○	–	○	○
1920 × 1080p @ 50 Hz	○	–	○	○
1920 × 1080p @ 29.97/30 Hz	○	○	○	○
1920 × 1080p @ 25 Hz	○	○	○	○
1920 × 1080p @ 23.98/24 Hz	○	○	○	○
1920 × 1080i @ 59.94/60 Hz	○	○	○	○
1920 × 1080i @ 50 Hz	○	○	○	○
1280 × 720p @ 59.94/60 Hz	○	○	○	○
1280 × 720p @ 50 Hz	○	○	○	○
1280 × 720p @ 29.97/30 Hz	○	○	○	○
1280 × 720p @ 23.98/24 Hz	○	○	○	○
720 × 480p @ 59.94/60 Hz	○	–	–	–

continued

File	2D	3D		
		Frame packing	Side-by-Side (Half)	Over-Under (Top-and-Bottom)
720 × 576p @ 50 Hz	○	-	-	-
640 × 480p @ 59.94/60 Hz	○	-	-	-

Design and specifications are subject to change without notice.

Information regarding environment-friendly products

- Standby power consumption: 0.5 W or less (Bar Speaker), 0.5 W or less (Subwoofer)
- Over 85% power efficiency of amplifier block is achieved with the full digital amplifier, S-Master.

警告

切勿將本設備安裝在狹窄的空間內，如書櫃或壁櫥內。

為了降低發生火災的危險，請勿使用報紙、桌布、窗簾等物品蓋住設備的通風孔。

請勿將如點燃的蠟燭等明火源放置於設備上。

為了降低發生火災或觸電的危險，請勿讓本設備受到液體潑濺，也不要將如花瓶等裝滿液體的物體放置於本設備上。

只要本機的電源線仍連接在電源插座上，即使本機的電源已經關閉，但本機仍然未與交流電源斷開連接。

由於電源插頭是用來斷開本機與電源插座的連接，因此請將本機連接至便於插拔的交流電源插座。一旦發現本機有異常情況，請立即斷開電源插頭與交流電源插座的連接。

請勿讓電池或安裝電池的設備暴露在過熱的環境中，例如：陽光、火等。

限室內使用。

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

僅適用於台灣



廢電池請回收

製造廠商：SONY CORPORATION

進口商：台灣索尼股份有限公司

地址：台北市長春路145號5樓

洽詢專線：4499111（台灣本島）

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注意事項

關於安全

- 若有任何固體或液體進入本系統，請拔下本系統的電源插頭，並經合格的專業人員檢查以後，方可繼續使用。
- 請勿攀爬主動式揚聲器系統或主動式重低音揚聲器，否則可能跌落受傷，或是損壞系統。

關於電源

- 操作系統前，請先確定操作電壓與當地電源供應相符。操作電壓如主動式揚聲器系統後方的銘牌所示。
- 如果您準備長時間不使用系統，務必中斷系統與牆壁電源插座的連接。若要將交流電源線拔掉，請抓住插頭，切勿拉扯電源線。
- 為了安全起見，電源插頭的一個插腳會比另一個插腳寬，而且只能以一個方向插入牆壁電源插座。如您無法將插頭完全插入插座內，請洽詢您的經銷商。
- 僅能在合格的維修商店更換交流電源線。

關於熱量累積

本系統的熱度會在操作過程中累積，這並非故障。如果持續長時間以大音量使用本系統，系統的背部和底部的溫度會變得相當高。為了避免燙傷，請勿觸摸系統。

關於擺放

- 請將系統擺放在通風良好的位置以防止熱量累積，並延長系統的壽命。
- 請勿將系統擺放在靠近熱源的地方，或者會受到陽光直曬、機械性撞擊或灰塵過多的地方。
- 請勿在主動式揚聲器系統和主動式重低音揚聲器後方放置任何物品，以免堵塞通風孔，造成故障。
- 若本系統與電視機、錄影機或磁帶卡座搭配使用，可能會產生雜訊，影響影像品質。發生此狀況時，請將系統設置在距離電視機、錄影機或磁帶卡座較遠處。
- 將本系統置於經特別處理（打蠟、塗油、拋光等）的表面上時，請務必小心，否則可能會造成地板著色或變色。
- 請小心不要讓主動式揚聲器系統或主動式重低音揚聲器的邊緣受損。

關於搬移主動式重低音揚聲器

抬起主動式重低音揚聲器時，請勿將手放入狹縫之中。揚聲器驅動器可能會受損。抬起時，請從底部握住主動式重低音揚聲器。

關於操作

連接其他設備前，請務必關閉系統並拔掉電源插頭。

如果附近的電視螢幕上出現色彩不均勻

某些類型的電視機可能會出現色彩不均勻的情況。

如果出現色彩不均勻...

請關閉電視機，在15至30分鐘後再次開啟。

如果再次出現色彩不均勻...

將系統設置在距離電視機較遠處。

關於清潔

使用柔軟的乾布清潔系統。請勿使用任何類型的砂紙、拋光粉或溶液（如酒精、汽油等）。

如果對本系統有任何疑問或問題，請就近與Sony經銷商聯絡。

版權

本系統結合Dolby* Digital與DTS** Digital Surround System。

* Dolby Laboratories授權製造。

Dolby和雙D標誌是Dolby Laboratories的商標。

** 遵守以下授權和美國專利號碼製造：5,956,674、5,974,380、6,226,616、6,487,535、7,212,872、7,333,929、7,392,195、7,272,567以及其他已發出和正在申請中的美國和國際專利。DTS-HD、其符號、DTS-HD及其符號是註冊商標，DTS-HD Master Audio是DTS, Inc.的商標。產品包含軟體。© DTS, Inc.版權所有。

BLUETOOTH™字型商標和圖形商標均為Bluetooth SIG, Inc.所有，Sony Corporation對該商標的各項使用均已經授權。

本系統結合High-Definition Multimedia Interface (HDMI™)技術。

HDMI此名詞、HDMI High-Definition Multimedia Interface和HDMI標誌是HDMI Licensing LLC在美國和其他國家的商標或註冊商標。

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BLUETOOTH無線技術

支援的BLUETOOTH版本與設定檔

設定檔是指各種BLUETOOTH產品功能的標準。請查看“規格”（第12頁）以取得本系統支援的BLUETOOTH版本及設定檔。

註

- 若要使用BLUETOOTH功能，要連接的BLUETOOTH裝置支援的設定檔必須與本系統支援的相同。即使裝置支援同一個設定檔，功能可能會因BLUETOOTH裝置的規格而有所不同。
- 因為BLUETOOTH無線技術特性的關係，在本系統播放音訊可能比在BLUETOOTH裝置更容易有延遲的情況。

有效通訊範圍

BLUETOOTH裝置必須在距離彼此約10公尺範圍內才能使用。有效通訊範圍可能會因以下條件而更短。

- BLUETOOTH連線的裝置之間有人、金屬物、牆或其他障礙物
- 裝有無線區域網路的地點
- 在使用中的微波爐附近

- 有其他電磁波的地點

受到其他裝置影響

BLUETOOTH裝置與無線區域網路（IEEE 802.11b/g）皆使用同一個頻帶（2.4 GHz）。在有無線區域網路功能的裝置附近使用BLUETOOTH裝置，可能會產生電磁波干擾，導致資料傳輸變慢、出現雜訊或無法連線。若發生此情況，請嘗試以下解決辦法：

- 在距離無線區域網路設備至少10公尺處，試著連接本系統與BLUETOOTH行動電話或BLUETOOTH裝置。
- 在10公尺範圍內使用BLUETOOTH裝置時，關閉無線區域網路設備的電源。

對其他裝置的影響

本系統的無線電波廣播可能會干擾某些醫療裝置的運作。由於此種干擾可能會導致故障，請務必在以下地點關閉本系統、BLUETOOTH行動電話與BLUETOOTH裝置的電源：

- 醫院、火車、飛機、加油站，以及任何可能會出現易燃氣體的地方
- 自動門或火災警報器附近

註

- 本系統支援符合BLUETOOTH規格的安全性功能，以確保使用BLUETOOTH技術通訊時的安全性。但是，因設定內容與其他因素的關係，可能出現安全性不足的情況，因此，使用BLUETOOTH技術通訊時請務必小心。
- 使用BLUETOOTH技術通訊期間，若因資訊外洩導致損壞或其他損失，Sony概不負責。
- 即使BLUETOOTH裝置的設定檔與本系統相同，我們仍不保證可進行BLUETOOTH通訊。
- 與本系統連接的BLUETOOTH裝置必須符合Bluetooth SIG, Inc.指定的BLUETOOTH規格，並須經過認證。但是，即使裝置符合BLUETOOTH規格，仍有可能因BLUETOOTH裝置的特性或規格而無法連線，或需要以其他方法控制、顯示或操作。
- 視連線至本系統的BLUETOOTH裝置、通訊環境或周遭條件而定，可能會出現雜訊或音訊中斷的情況。

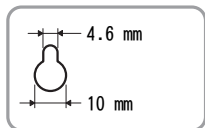
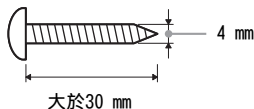
將主動式揚聲器系統安裝到牆上

您可將主動式揚聲器系統安裝到牆上。

註

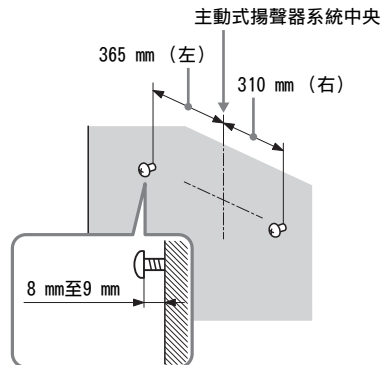
- 使用適合牆面材料和強度的螺絲。由於石膏板牆壁易碎，請將螺絲牢固釘入牆柱。將主動式揚聲器系統安裝在牆壁的垂直和水平加固區域上。
- 請務必將安裝工程分包給Sony經銷商或授權承包商，並在安裝期間特別注意安全事宜。
- 對若因安裝錯誤、牆壁不夠堅固、或螺絲安裝錯誤、自然災害等引起的事務或損壞，Sony概不負責。

1 準備適用於主動式揚聲器系統背面孔的螺絲（不提供）。

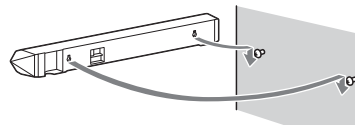


主動式揚聲器系統背面孔

2 將螺絲擰入牆壁。 螺絲須突出8 mm至9 mm。



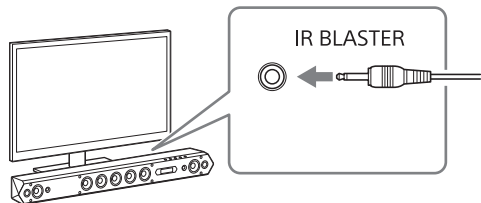
3 將主動式揚聲器系統掛到螺絲上。 將主動式揚聲器系統背面孔對齊螺絲，然後將主動式揚聲器系統掛到2個螺絲上。



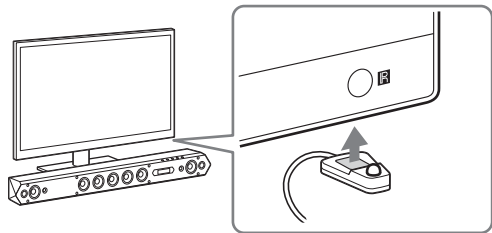
啟用紅外線轉發器功能（無法控制電視機時）

若將主動式揚聲器系統擺放在電視機前方，可能無法使用電視機遙控器控制電視機。若為這種狀況，請將提供的紅外線增強器連接至主動式揚聲器系統的IR BLASTER插孔，然後啟用紅外線轉發器功能。您即可透過紅外線增強器來使用電視機遙控器控制電視機。

- 1 將提供的紅外線增強器連接至主動式揚聲器系統的IR BLASTER插孔。



- 2 將紅外線增強器靠近電視機的遙控器感應器，將紅外線增強器的紅外線發射器對準電視機的遙控器感應器。



註

- 請參閱電視機的使用說明書，以取得遙控器感應器的位置。
- 請在連接主動式揚聲器系統的交流電源線之前先連接紅外線增強器。
- 請勿將紅外線增強器連接至電視機的耳機插孔等部位。
- 請勿將紅外線增強器用於其他用途。
- 使用提供的雙面膠帶將紅外線增強器固定於主動式揚聲器系統之前，請先確定紅外線轉發器的功能可正常運作。
- 視您使用的產品而定，紅外線增強器的位置可能會不同。

- 3 按下本系統遙控器上的MENU。
(請參考使用說明書中的“調整設定”)。

- 4 使用↑/↓來選擇“SYSTEM”，然後按下ENTER。

- 5 選擇“IR REP.”，然後按下ENTER。

- 6 選擇“ON”，然後按下ENTER。

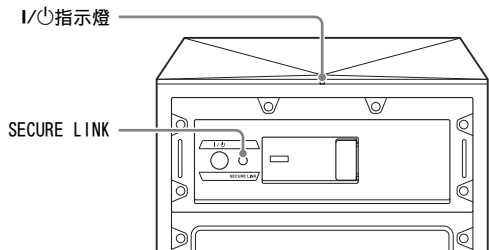
- 7 按下MENU。
選單關閉。

註

- 請務必確認電視機遙控器無法控制電視機，然後將“IR REP.”設為“ON”。若在遙控器可控制電視機時設為“ON”，可能無法正確操作，因為從遙控器直接下的指令會與主動式揚聲器系統的指令互相干擾。
- 此功能在某些電視機無法作用。在此情況下，請調整主動式揚聲器系統的紅外線增強器位置。

啟用安全連結功能

您可使用安全連結功能，指定要連結主動式揚聲器系統與主動式重低音揚聲器的無線連線。若要使用多個無線產品，此功能相當實用。



- 1 按下遙控器上的MENU。
(請參考使用說明書中的“調整設定”)。
- 2 使用↑/↓來選擇“WS”，然後按下ENTER。
- 3 選擇“SEC. ON”，然後按下ENTER。
- 4 出現“START”時按下ENTER。
“SEARCH”出現時主動式揚聲器系統會搜尋可透過安全連結使用的設備。
請在2分鐘內繼續下一個步驟。
要在搜尋設備時離開安全連結功能，請按下RETURN。
- 5 利用筆尖等物品按下主動式重低音揚聲器上的SECURE LINK。
主動式重低音揚聲器的I/O指示燈以黃色燈號亮起。主動式揚聲器系統前面板顯示幕出現“OK”。
若出現“FAILED”，請確認主動式重低音揚聲器已開啟，並從步驟1重新執行程序。

- 6 按下MENU。
選單關閉。

取消安全連結功能

- 1 按下遙控器上的MENU。
(請參考使用說明書中的“調整設定”)。
- 2 使用↑/↓來選擇“WS”，然後按下ENTER。
- 3 選擇“SEC.OFF”，然後按下ENTER。
- 4 出現“OK?”時按下ENTER。
前面板顯示幕會出現“FINISH”。
- 5 按下MENU。
選單關閉。
- 6 按住主動式重低音揚聲器的SECURE LINK數秒，直到I/O指示燈呈綠色或以綠燈閃爍。
請務必以筆尖等物品按下SECURE LINK。

使用HDMI控制功能

藉由啟用HDMI控制功能，並透過HDMI電纜連接相容於HDMI控制功能的設備，即可簡化作業並具有下列功能。

系統關機

當您使用電視機遙控器上的電源按鈕關閉電視機時，會自動關閉系統及連接設備。

系統音訊控制

若您在觀賞電視機時開啟系統，則電視機的聲音會自動從系統的揚聲器輸出。當您調整電視機音量時，也會調整系統音量。
若您在上次關閉電視機時將電視機聲音從系統揚聲器輸出，則當您重新開啟電視機時系統會自動開啟，且電視機聲音會自動從系統揚聲器輸出。

Audio Return Channel (ARC)

若電視機相容於Audio Return Channel (ARC)技術，則連接HDMI電纜時也會將電視機的數位音訊號傳送至系統。若您要聆聽系統輸出的電視聲音，不必進行個別的音訊連線。

觸控播放

當您播放使用HDMI電纜與系統連接的設備時，會自動開啟連接的電視機，且系統的輸入訊號會切換為適當的HDMI輸入。

註

- 上述功能可能無法搭配某些設備操作。
- 視連接設備的設定而定，HDMI控制功能可能無法正確運作。請參考裝置的使用說明書。

使用“BRAVIA” Sync功能

下列原始Sony功能也能用來與相容於“BRAVIA” Sync的產品搭配使用。

省電

若已將“BRAVIA” Sync相容的電視機連接至本系統，則可藉由在關閉電視機時停止HDMI訊號傳輸來減少待機模式下的耗電量。

HDMI連線注意事項

- 請使用高速HDMI電纜。若您使用標準HDMI電纜，1080p、Deep Color、3D和4K影像可能無法正常顯示。
- 使用HDMI授權的電纜。
使用具有電纜類型標誌的Sony高速HDMI電纜。
- 不建議您使用HDMI-DVI轉換電纜。
- 若透過HDMI電纜連接的設備影像畫質不佳或聲音未輸出，請檢查連接設備的設定。
- 連接設備可能會壓縮經由HDMI插孔傳輸的音訊訊號（取樣頻率、位元長度等）。
- 切換播放設備音訊輸出訊號的取樣頻率或聲道號時，聲音可能會發生中斷。
- 若連接裝置不相容於版權保護技術 (HDCP)，則來自HDMI TV OUT (ARC)插孔的影像及/或聲音可能會失真或無法輸出。在此情況下，請檢查連接設備的規格。
- 選擇“TV”作為系統輸入來源時，前次透過其中一個HDMI IN插孔選擇的視訊訊號會經由HDMI TV OUT (ARC)插孔輸出。
- 本系統支援Deep Color、“x.v.Colour”、3D及4K傳輸。
- 若要欣賞3D影像，請使用高速HDMI電纜將3D相容電視機及視訊設備 (Blu-ray Disc播放器、“PlayStation®3”等) 連接至本系統、戴上3D眼鏡，然後播放3D相容的Blu-ray Disc。
- 若要欣賞4K影像，則連接至本系統的電視機及播放器必須相容於4K影像。

疑難排除

在使用本系統時，如遇到以下任何疑難問題，在要求維修前先用疑難排除指南幫助解決故障。如果無法解決問題，請就近與Sony經銷商聯絡。

電源

電源未開啟。

→ 檢查交流電源線是否連接牢固。

系統會自動關閉。

→ “A. STBY”功能正在運作中。將“A. STBY”設定為“OFF”（請參考使用說明書中的“調整設定”）。

音效

系統無法輸出電視機的聲音。

- 確認已正確選擇輸入來源。您可藉由按INPUT按鈕數次，來嘗試其他輸入來源（請參考使用說明書中的“聆聽音訊”）。
- 檢查系統與電視機相連的HDMI電纜、數位光纖電纜或音訊電纜的連接（請參考使用說明書中的“連接”）。
- 檢查前面板顯示幕上已顯示“TV”為輸入來源。
- 檢查電視機聲音輸出。
- 檢查以確認電視機音量非太小或已靜音。
- 相容於Audio Return Channel (ARC)技術的電視機與HDMI電纜相連接時，請檢查以確認電纜已連接至電視機的HDMI (ARC)插孔。
- 若電視機不相容於Audio Return Channel (ARC)技術，除了HDMI電纜外請另外連接數位光纖電纜，以輸出聲音。

系統與電視機會同時輸出聲音。

→ 關閉系統或電視機的聲音。

聲音延遲，跟不上電視機影像。

→ 若“SYNC”已設為1到4其中之一，請將其設為“OFF”。（請參考使用說明書中的“調整設定”）。

連接至主動式揚聲器系統的設備無法從主動式揚聲器系統發出聲音，或聲音很小。

→ 按下VOL +並檢查音量（請參考使用說明書中的“部件和控制器”）。

- 按下MUTING或VOL +以取消靜音功能（請參考使用說明書中的“部件和控制器”）。
- 確認已正確選擇輸入來源。您可藉由按INPUT按鈕數次，來嘗試其他輸入來源（請參考使用說明書中的“聆聽音訊”）。
- 檢查是否正確選擇輸入來源。
- 檢查系統與連接設備的所有電纜與導線是否皆已完全插上。

主動式重低音揚聲器無法發出聲音，或聲音很小。

- 按下SW VOL +按鈕，以調大主動式重低音揚聲器音量（請參考使用說明書中的“部件和控制器”）。
- 請確認主動式重低音揚聲器I/II指示燈上的綠燈亮起。若未亮起，請參考“無線聲音”中的“主動式重低音揚聲器未輸出聲音（第11頁）”。
- 主動式重低音揚聲器可以產生低音。若輸入來源包含的低音聲音元件很少（也就是電視轉播），則可能會難以聽見主動式重低音揚聲器的聲音。
- 播放相容於版權保護技術（HDCP）的內容時，則不會從主動式重低音揚聲器輸出聲音。

Dolby Digital或DTS多聲道音效未重現。

→ 檢查連接至系統的Blu-ray Disc播放器、DVD播放器等裝置的Dolby Digital或DTS格式的音訊設定。

不能產生環繞效果。

- 視輸入訊號與SOUND MODE設定而定，環繞聲處理可能無法有效運作。環繞音效可能不明顯，視節目或光碟而定。
- 若連接相容於環繞音效功能的Blu-ray Disc播放器或DVD播放器，系統的環繞音效可能無法運作。在此情況下，請關閉連接設備的環繞音效功能。詳細資訊，請參考連接設備提供的使用說明書。

BLUETOOTH

無法完成BLUETOOTH連線。

→ 請確認BLUETOOTH指示燈亮藍燈（請參考使用說明書中的“從BLUETOOTH裝置聆聽音訊”）。

系統狀態	指示燈狀態
BLUETOOTH配對時	快速閃爍藍燈。
系統正在嘗試與BLUETOOTH裝置連線	閃爍藍燈。

系統狀態	指示燈狀態
系統已與BLUETOOTH裝置建立連線	亮藍燈。
系統處於BLUETOOTH待機模式（系統關閉時）	緩慢閃爍藍燈。

- 確認要連接的BLUETOOTH裝置已開啟，並已啟用BLUETOOTH功能。
- 擺放本系統與BLUETOOTH裝置時，盡可能互相靠近。
- 重新配對本系統與BLUETOOTH裝置。
 - 您可能需要先使用BLUETOOTH裝置取消與本系統的配對。

無法配對。

- 將本系統與BLUETOOTH裝置相互靠近（請參考使用說明書中的“從BLUETOOTH裝置聆聽音訊”）。
- 確認本系統未接收來自Wi-Fi網路、其他2.4 GHz無線裝置或微波爐的干擾。如果附近有產生電磁輻射的裝置，請將該裝置移開本系統。

已切斷BLUETOOTH連接。

未輸出任何連接裝置的聲音。

聲音跳音。

- 讓本系統與BLUETOOTH裝置互相靠近。
- 如果附近有產生電磁輻射的裝置，例如Wi-Fi網路、其他BLUETOOTH裝置或微波爐，請將該裝置移開本系統。
- 請將本系統與BLUETOOTH裝置之間的任何障礙物移開，或將本系統遠離障礙物。
- 重新擺放連接的BLUETOOTH裝置。
- 嘗試將Wi-Fi路由器、電腦等裝置的Wi-Fi頻率變更為5 GHz波段。

聲音未和影像同步。

- 觀賞電影時，您可能會聽到影像聲音發生輕微延遲。

無線聲音

主動式重低音揚聲器無法輸出聲音。

- 確認主動式重低音揚聲器的交流電源線是否連接牢固。
- 確認無線收發器已穩固插入（請參考使用說明書中的“插入無線收發器”）。
- 若I/⏻指示燈未亮起：
 - 檢查主動式重低音揚聲器的交流電源線是否連接牢固。
 - 按下主動式重低音揚聲器上的I/⏻按鈕，開啟主動式重低音揚聲器。
- 若I/⏻指示燈緩慢閃爍綠燈或亮起紅燈：


- 將主動式重低音揚聲器靠近主動式揚聲器系統，讓指示燈亮起綠燈。
- 檢查狀態為“RF CHK”的無線傳輸（請參考使用說明書的“調整設定”）。若前面板顯示幕出現“RF NG”，請將無線收發器推入至主動式揚聲器系統和主動式重低音揚聲器中，直到其接合。
 - 如“啟用安全連結功能”（第8頁）中的說明進行操作。
- 若I/⏻指示燈以綠燈快速閃爍：
 - 先按下I/⏻按鈕，以關閉主動式重低音揚聲器，然後將無線收發器正確插入主動式重低音揚聲器中，再重新按下主動式重低音揚聲器上的I/⏻按鈕。
- 若I/⏻指示燈以紅燈閃爍：
 - 按下I/⏻按鈕，關閉主動式重低音揚聲器，然後檢查主動式重低音揚聲器的通風孔並無堵塞。
- 主動式重低音揚聲器可以產生低音。若輸入來源包含的低音聲音元件很少（也就是電視轉播），則可能會難以聽見主動式重低音揚聲器的聲音。
- 按下SW VOL +按鈕，以調大主動式重低音揚聲器音量（請參考使用說明書中的“部件和控制器”）。

聲音跳針或產生雜音。

- 如果附近有產生電磁輻射的裝置，例如Wi-Fi網路或微波爐，請將該裝置移開本系統。
- 請將主動式揚聲器系統與主動式重低音揚聲器之間的任何障礙物移開，或將本系統遠離障礙物。
- 盡可能將主動式揚聲器系統靠近主動式重低音揚聲器。

其他

遙控器不能用。

- 將遙控器指向系統上的遙控感應器（請參考使用說明書中的“部件和控制器”）。
- 移除遙控器和系統之間的所有障礙物。
- 若遙控器的電池電量不足，請更換兩顆新電池。
- 確認您在遙控器上按下正確按鈕。

電視機遙控器不能用。

- 使用提供的紅外線增強器可能會解決此問題（第7頁）。

HDMI 控制功能無法正常運作。

- 檢查HDMI連線。
- 設定電視機的HDMI控制功能。
- 確認連接的任何設備相容於“BRAVIA” Sync。
- 檢查連接設備上的HDMI控制設定。請參考連接設備提供的使用說明書。
- 若您連接或切斷交流電源線的連線，請等待15秒以上再操作系統。
- 若您不是使用HDMI電纜將視訊設備的音訊輸出連接至本系統，則由於“BRAVIA” Sync的原因可能不會輸出聲音。在此情況下，請將“CTRL”設定為“OFF”（請參考使用說明書中的“調整設定”），或直接將音訊輸出插孔連接至電視機，而非連接至本系統。

前面板顯示幕會出現“PRTECT（保護）”。

- 按下I/⏻按鈕，關閉系統。“STBY”消失後，切斷交流電源線連線，然後檢查系統的通風口沒有堵塞。

重設

若系統仍無法正確運作，請依以下方法重設系統：

- 1 按下I/⏻按鈕，開啟主動式揚聲器系統。
- 2 同時按下主動式揚聲器系統上的I/⏻按鈕、INPUT和VOL -。出現“RESET”並重設系統。選單、SOUND MODE等設定會恢復為預設設定。

規格

主動式揚聲器系統（SA-ST7）

擴大機部分

對於台灣的機型

功率輸出（額定）

左前置揚聲器+右前置揚聲器：35 W + 35 W（4 ohm，1 kHz，1% THD）

功率輸出（參考）

左前置揚聲器/右前置揚聲器模塊：50 W（每聲道4 ohm，1 kHz）

中央揚聲器模塊：50 W（每聲道4 ohm，1 kHz）

對於其他國家/地區的機型

功率輸出（額定）

左前置揚聲器+右前置揚聲器：40 W + 40 W（4 ohm，1 kHz，1% THD）

功率輸出（參考）

左前置揚聲器/右前置揚聲器模塊：50 W（每聲道4 ohm，1 Hz）

中央揚聲器模塊：50 W（每聲道4 ohm，1 kHz）

輸入

HDMI IN 1/2/3*
OPTICAL IN 1(TV)/2
ANALOG IN
COAXIAL IN

* 這3個插孔為相同插孔。使用其中任何一個，結果都一樣。

輸出

HDMI TV OUT (ARC)

BLUETOOTH部分

通訊系統

BLUETOOTH規格第3.0版

輸出

BLUETOOTH規格電源等級2

最長的通訊範圍

視線範圍約10 m¹⁾

可登記的裝置數量上限

9個裝置

頻帶

2.4 GHz波段 (2.4000 GHz - 2.4835 GHz)

調變方式

FHSS (Freq Hopping Spread Spectrum)

相容的BLUETOOTH設定檔²⁾

A2DP (Advanced Audio Distribution Profile)

AVRCP 1.3 (Audio Video Remote Control Profile)

支援的轉碼器³⁾

SBC⁴⁾、AAC⁵⁾、aptX

傳輸範圍 (A2DP)

20 Hz - 20000 Hz (取樣頻率44.1 kHz)

- 1) 實際範圍視裝置之間的障礙物、微波爐附近的磁場、靜電、無線電話、接收穩定性、作業系統、應用軟體等因素而異。
- 2) BLUETOOTH標準規範指示裝置之間的BLUETOOTH通訊目的。
- 3) 轉碼器：音訊訊號壓縮與轉換格式
- 4) 子帶轉碼器
- 5) 高級音訊轉碼

左前置揚聲器/右前置揚聲器模塊

揚聲器系統

雙向揚聲器系統、聲學避震

揚聲器

低音揚聲器：65 mm圓錐型，磁流體揚聲器

高音喇叭；20 mm軟球型

額定阻抗

4 ohm

中央揚聲器模塊

揚聲器系統

全方位揚聲器系統，聲學避震

揚聲器 (5個揚聲器)

65 mm圓錐型，磁流體揚聲器

額定阻抗

4 ohm

一般

對於台灣的機型

電源需求

120 V AC, 50 Hz/60 Hz

耗電量

開啟：50 W

“HDMI控制功能”已關閉 (待機模式)：0.5 W以下
BLUETOOTH待機模式：0.5 W以下

對於其他國家/地區的機型

電源需求

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

耗電量

開啟：55 W

“HDMI控制功能”已關閉 (待機模式)：0.5 W以下
BLUETOOTH待機模式：0.5 W以下

尺寸 (約) (寬/高/深)

1080 mm×109 mm×110 mm (不含格柵支架及腳架)

1080 mm×109 mm×129 mm (含格柵支架，不含腳架)

1080 mm×129 mm×138 mm (含格柵支架及腳架)

1080 mm×129 mm×130 mm (不含格柵支架，含腳架)

總重量 (約)

7.9 kg (含格柵支架及腳架)

主動式重低音揚聲器 (SA-WST7)

功率輸出 (參考)

100 W (每聲道4 ohm, 100 Hz)

揚聲器系統

重低音揚聲器，被動式散熱器型

揚聲器

180 mm圓錐型

200 mm×300 mm圓錐型，被動式散熱器

額定阻抗

4 ohm

電源需求

對於台灣的機型：120 V AC, 50 Hz/60 Hz

對於其他國家/地區的機型：220 V - 240 V AC, 50 Hz/60 Hz

耗電量

開啟：30 W

待機模式：0.5 W以下

尺寸 (約)

241 mm×391 mm×411 mm (寬/高/深)

總重量 (約)

11.2 kg

無線收發器 (EZW-RT50)

通訊系統

無線聲音規格第1.0版

頻帶

5.725 GHz - 5.875 GHz

電源需求

DC 3.3 V, 300 mA

調變方式

DSSS

尺寸 (約)

30 mm×9 mm×60 mm (寬/高/深)

總重量 (約)

10 g

本系統支援的數位音訊輸入模式

Dolby Digital	DTS-HD Master Audio*
Dolby Digital Plus*	DTS-HD High Resolution Audio*
Dolby TrueHD*	DTS-HD Low Bit Rate*
DTS	Linear PCM 2ch 48 kHz以下
DTS 96/24	Linear PCM Maximum 7.1ch 192 kHz以下*

* 可以用HDMI連線來輸入這些格式。

本系統支援的視訊格式

輸入/輸出 (HDMI轉發器)

檔案	2D	3D		
		畫面集合	並排 (左右)	上下 (頂部和 底部)
4096×2160p @ 23.98/24 Hz	○	-	-	-
3840×2160p @ 29.97/30 Hz	○	-	-	-
3840×2160p @ 25 Hz	○	-	-	-
3840×2160p @ 23.98/24 Hz	○	-	-	-
1920×1080p @ 59.94/60 Hz	○	-	○	○
1920×1080p @ 50 Hz	○	-	○	○
1920×1080p @ 29.97/30 Hz	○	○	○	○
1920×1080p @ 25 Hz	○	○	○	○
1920×1080p @ 23.98/24 Hz	○	○	○	○
1920×1080i @ 59.94/60 Hz	○	○	○	○
1920×1080i @ 50 Hz	○	○	○	○
1280×720p @ 59.94/60 Hz	○	○	○	○
1280×720p @ 50 Hz	○	○	○	○
1280×720p @ 29.97/30 Hz	○	○	○	○
1280×720p @ 23.98/24 Hz	○	○	○	○
720×480p @ 59.94/60 Hz	○	-	-	-

檔案	2D	3D		
		畫面集合	並排 (左右)	上下 (頂部和 底部)
720×576p @ 50 Hz	○	-	-	-
640×480p @ 59.94/60 Hz	○	-	-	-

設計和規格如有變更，恕不另行通知。

關於環保型產品的資訊

- 待機耗電量：0.5 W以下（主動式揚聲器系統），0.5 W以下（主動式重低音揚聲器）
- 使用全數位擴大機S-Master，擴大機模塊可達到逾85%的節能效能。



x.v.Colour



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



* 4 4 6 3 4 1 4 5 1 * (1)