SONY

Blu-ray Disc™/ DVD Home Theatre System

| Operating Instructions | GB |
| 使用說明書 | CT |

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.
Do not expose batteries or appliances with battery-installed to excessive heat, such as sunshine and fire.
To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
Indoor use only.

CAUTION

The use of optical instruments with this product will increase eye hazard.
As the laser beam used in this Blu-ray Disc/DVD Home Theatre System is harmful to eyes, do not attempt to disassemble the cabinet.
Refer servicing to qualified personnel only.

CAUTION	CLASS 3R VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EYE EXPOSURE.
VORSICHT	KLASSE 3R SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN GEÖFFNET. UNMITTELBAREN AUGENKONTAKT VERMEIDEN.
ADVARSEL	SYNLIG OG USYNLIG LASERSTRÅLING AF KLASSE 3R VED ÄBNING. UNDGÅ AT SE DIREKTE PÅ STRÅLEN.
ADVARSEL	SYNLIG OG USYNLIG LASERSTRÅLING I KLASSE 3R NÅR DEKSEL ÅPNES. UNNGÅ DIREKTE EKSPONERING AV ØYNENE.
VARNING	KLASS 3R SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD, UNDVIK ATT DIREKT EXPONERA ÖGONEN FÖR STRÅLNINGEN.
VARO!	AVATTUNA LUOKAN 3R NÄKYVÄÄ JA NÄKYMÄTÖNTÄ LASERSÄTEILYÄ. VÄLTÄ KATSEEN SUORAA ALTISTAMISTA.
警告	打开时有3R类可见和不可见激光辐射，避免眼睛受到直射的照射
注意	打開時有第3R類可視及不可視雷射輻射，避免眼睛直接暴露。

This appliance is classified as a CLASS 3R LASER product. Visible and invisible laser radiation is emitted when the laser protective housing is opened, so be sure to avoid direct eye exposure.
This marking is located on the laser protective housing inside the enclosure.

```
CLASS 1 LASER PRODUCT
LASER KLASSE 1
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT
1类激光产品
第1類雷射產品
```

This appliance is classified as a CLASS 1 LASER product. This marking is located on the rear exterior.
The nameplate is located on the bottom exterior.

Precautions

On power sources

• The unit is not disconnected from the mains as long as it is connected to the AC outlet, even if the unit itself has been turned off.

• As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

On watching 3D video images

Some people may experience discomfort (such as eye strain, fatigue, or nausea) while watching 3D video images. Sony recommends that all viewers take regular breaks while watching 3D video images. The length and frequency of necessary breaks will vary from person to person. You must decide what works best. If you experience any discomfort, you should stop watching the 3D video images until the discomfort ends; consult a doctor if you believe necessary. You should also review (i) the instruction manual and/or the caution message of any other device used with, or Blu-ray Disc contents played with this product and (ii) our website (http://esupport.sony.com/) for the latest information. The vision of young children (especially those under six years old) is still under development. Consult your doctor (such as a pediatrician or eye doctor) before allowing young children to watch 3D video images.

Adults should supervise young children to ensure they follow the recommendations listed above.

Copy Protection

• Please be advised of the advanced content protection systems used in both Blu-ray Disc and DVD media. These systems, called AACS (Advanced Access Content System) and CSS (Content Scramble System), may contain some restrictions on playback, analog output, and other similar features. The operation of this product and the restrictions placed may vary depending on the date of purchase, as the governing board of the AACS may adopt or change its restriction rules after the time of purchase.

• Cinavia Notice
This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. When a prohibited use of an unauthorized copy is detected, a message will be displayed and playback or copying will be interrupted.
More information about Cinavia technology is provided at the Cinavia Online Consumer Information Center at http://www.cinavia.com. To request additional information about Cinavia by mail, send a postcard with your mailing address to: Cinavia Consumer Information Center, P.O. Box 86851, San Diego, CA, 92138, USA.

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O POWERED
BY **OPERA**$^{®}$

About These Operating Instructions

- The instructions in these Operating Instructions describe the controls on the remote control. You can also use the controls on the unit if they have the same or similar names as those on the remote control.
- In this manual, "disc" is used as a general reference for BDs, DVDs, or CDs unless otherwise specified by the text or illustrations.
- The instructions in this manual are for BDV-E6100, BDV-E4100, BDV-E3100, and BDV-E2100. BDV-E6100 is the model used for illustration purposes. Any difference in operation is clearly indicated in the text, for example, "BDV-E6100 only".
- Some illustrations are presented as conceptual drawings, and may be different from the actual products.
- The items displayed on the TV screen may vary depending on the area.
- The default setting is underlined.

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Unpacking

- Operating Instructions
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- Remote control (1)
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BDV-E6100 only
- Front speakers (2)

- Surround speakers (2)

- Center speaker (1)

- Subwoofer (1)

- Speaker-bottom covers (4)

- Bases (4)

- Lower parts of the front and surround speakers (4)

- Screws (large) (4)

- Screws (small) (16)

BDV-E4100 only
- Front speakers (2)

- Surround speakers (2)

- Center speaker (1)

- Subwoofer (1)

- Speaker-bottom covers (2)

- Bases (2)

- Lower parts of the front speakers (2)

- Screws (large) (2)

- Screws (small) (8)

BDV-E3100 only
• Front speakers (2)

• Surround speakers (2)

• Center speaker (1)

• Subwoofer (1)

BDV-E2100 only
• Front speakers (2)

• Surround speakers (2)

• Center speaker (1)
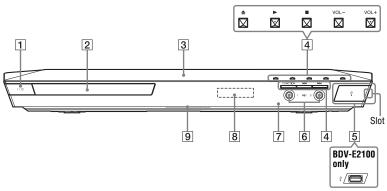
• Subwoofer (1)

Guide to Parts and Controls

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

Front panel

Slot

BDV-E2100 only

[1] **I/⏻ (on/standby)**

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

[2] **Disc tray (page 24)**

[3] **🅽 (N-Mark) (page 31)**

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

[4] **Play operation buttons**

⏏ (open/close)

▶ a) b) **(play)**

■ b) **(stop)**

VOL +/– a)

⏮/⏭ (previous/next)

FUNCTION (page 22)

Selects the playback source.

a) ▶ and VOL + buttons have a tactile dot. Use the tactile dot as a reference when operating the unit.

b) Hold down ▶ on the unit for more than 2 seconds, the built-in sound demonstration will be played back on the system. Press ■ to stop the demonstration.

Note

During the demonstration, the volume level may be higher than the volume level you have set.
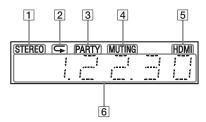
[5] **⟁ (USB) port (page 26)**

(BDV-E6100/BDV-E4100/ BDV-E3100 only) Place your fingernail in the slot to open the cover.

[6] **MIC 1/2 jacks (page 26)**

Connects to microphones.

[7] **🄡 (remote control sensor)**

[8] **Front panel display**

[9] **LED indicator**

White: Lights up when the unit is turned on.

Blue (for *Bluetooth* status):
– System is ready for pairing: Flashes quickly
– During pairing: Flashes quickly
– During connection: Flashes
– Connection is established: Lights up

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Indicators in the front panel display

① **Lights up when stereo sound is received. (Radio only)**

② **Lights up when repeat play is activated.**

③ **Lights up when the system is playing via the PARTY STREAMING function.**

④ **Lights up when muting is on.**

⑤ **Lights up when the HDMI (OUT) jack is correctly connected to an HDCP (High-bandwidth Digital Content Protection) compliant equipment with HDMI or DVI (Digital Visual Interface) input.**

⑥ **Displays the system's status, such as radio frequency, etc.**
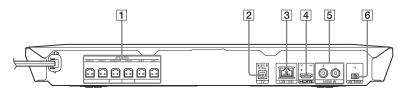
When you press DISPLAY, the stream information/decoding status is displayed when the function is set to "TV".

The stream information/decoding status may not appear depending on the stream or item being decoded.

Note
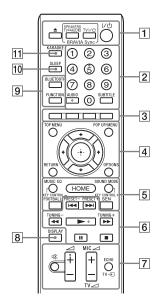
When the [Main Unit illumination] is set to [Auto] in [System Settings], the front panel display lights off if you do not operate the unit for about 10 seconds.

Rear panel

① **SPEAKERS jacks (page 16)**

② **TV (DIGITAL IN OPTICAL) jack (page 17)**

③ **LAN (100) terminal (page 19)**

④ **HDMI (OUT) jack (page 17)**

⑤ **AUDIO IN (L/R) jacks (page 18)**

⑥ **ANTENNA (FM) terminal (page 19)**

Remote control

Number 5, AUDIO, ⊿ +, and ▶ buttons have a tactile dot. Use the tactile dot as a reference when operating the remote control.

- ⎓TV⎓ : For TV operations
  (For details, see "Controlling Your TV with the Supplied Remote Control" (page 42).)

① ⏏ **(open/close)**

Opens or closes the disc tray.

SPEAKERS TV⟷AUDIO

Selects whether TV sound is output from the system's speakers or the TV's speaker(s). This function works only when you set [Control for HDMI] to [On] (page 50).

TV I/⏻ **(on/standby) (page 43)**
⎓TV⎓

Turns on the TV or sets it to standby mode.

I/⏻ **(on/standby) (pages 21, 39)**

Turns on the system or sets it to standby mode.

② **Number buttons (pages 39, 43)**

Enters the title/chapter numbers, preset station number, etc.

AUDIO (page 37)

Selects the audio format/track.

SUBTITLE

Selects the subtitle language when multilingual subtitles are recorded on a BD-ROM/DVD VIDEO.

③ **Color buttons**

Short cut keys for selecting items on some BD menus (can also be used for Java interactive operations on BDs).

④ **TOP MENU**

Opens or closes the BD's or DVD's Top Menu.

POP UP/MENU

Opens or closes the BD-ROM's Pop-up Menu, or the DVD's menu.

OPTIONS (pages 23, 35, 44)

Displays the options menu on the TV screen or in the front panel display. (The location differs depending on the selected function.)

RETURN

Returns to the previous display.

◄/▲/▼/►

Moves the highlight to a displayed item.

⊕ **(enter)**

Enters the selected item.

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5 **MUSIC EQ**

Selects the pre-programmed equalizer when listening to music.

KEY CONTROL +/–

Press KARAOKE (11), then press this button to change the key of a song.

HOME (pages 21, 40, 45)

Enters or exits the system's home menu.

SOUND MODE (page 22)

Selects the sound mode.

FOOTBALL

Produces optimized sound for watching football match broadcasting.

SEN

Accesses the "Sony Entertainment Network™" online service.

6 **Playback operation buttons**

See "Playback" (page 24).

⏮/⏭ (previous/next)

Selects the previous/next chapter, track, or file.

◄◄/►► (fast/slow/freeze frame)

Fast reverse/fast forward during playback. Each time you press the button, the search speed changes.

Activates slow-motion play when pressed for more than one second in pause mode.

Plays one frame at a time when pressed in pause mode.

Note

During Blu-ray 3D Disc playback, slow-motion reverse play and single-frame reverse play are not available.

► (play)

Starts or re-starts playback (resume play).

Activates One-Touch Play (page 40) when the system is on and set to the "BD/DVD" function.

II (pause)

Pauses or re-starts playback.

■ (stop)

Stops playback and remembers the stop point (resume point). The resume point for a title/track is the last point you played or the last photo for a photo folder.

Stops the built-in sound demonstration.

Radio operation buttons

See "Tuner" (page 38).

PRESET +/–

TUNING +/–

7 **⧆ (muting)**

Turns off the sound temporarily.

⊿ (volume) +/–

Adjusts the volume.

MIC ⊿ (volume) +/– (page 27)

Press KARAOKE (11), then press this button to adjust the microphone volume.

TV ⊿ (volume) +/– TV

Adjusts the TV volume.

ECHO (page 27)

Press KARAOKE (11), then press this button to adjust the level of the echo effect.

TV ⊙ (TV input) TV

Switches the TV's input source between the TV and other input sources.

8 **DISPLAY (pages 25, 32, 44)**

Displays playback and web browsing information on the TV screen.

Displays the preset radio station, frequency, etc., in the front panel display.

I BLUETOOTH

Selects the "BT" function.
When the blue LED indicator lights off
during "BT" function, press to start
pairing or connect to paired *Bluetooth*
device.

FUNCTION (page 22)

Selects the playback source.

J **SLEEP (page 42)**

Sets the sleep timer.

K **KARAOKE (page 27)**

Sets the remote control to karaoke
mode and activates the buttons printed
in orange.
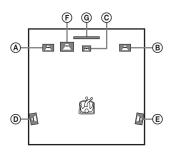
Getting Started

Step 1: Installing the Speakers
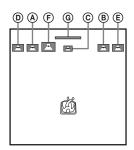
Install the speakers by referring to the
illustration below.

Ⓐ Front left speaker (L)
Ⓑ Front right speaker (R)
Ⓒ Center speaker
Ⓓ Surround left speaker (L)
Ⓔ Surround right speaker (R)
Ⓕ Subwoofer
Ⓖ TV

Installing the surround speakers in rear position (Speaker layout: [Standard])

Installing all speakers in front position (Speaker layout: [All Front])

D A F G C B E

Note

- Be sure to select the speakers layout setting (page 41) according to your speakers placement.
- Use caution when placing the speakers and/or speaker stands attached to the speakers on a specially treated (waxed, oiled, polished, etc.) floor, as staining or discoloration may result.
- Do not lean or hang on a speaker, as it may fall down.

Tip

You can install the speakers on a wall. For details, refer to the supplied "Speaker Installation Guide".

Step 2: Connecting the System
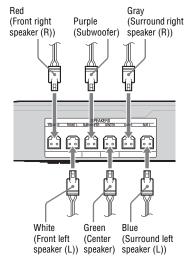
Do not connect the AC power cord (mains lead) of the unit to a wall outlet (mains) until all the other connections are made. (BDV-E6100/BDV-E4100 only) To assemble the speakers, refer to the supplied "Speaker Installation Guide".

Note

When you connect other equipment with a volume control, turn down the volume of the equipment to a level where sound is not distorted.
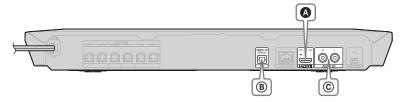
Connecting the speakers

Connect the speaker cords to match the color of the SPEAKERS jacks of the unit. When connecting to the unit, insert the connector until it clicks.

Red (Front right speaker (R)) Purple (Subwoofer) Gray (Surround right speaker (R))

SPEAKERS
FRONT R   FRONT L   SUBWOOFER   CENTER   SUR R   SUR L

White (Front left speaker (L))   Green (Center speaker)   Blue (Surround left speaker (L))
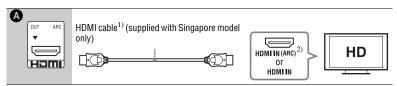
Connecting the TV

Select one of the following connection methods according to the input jacks on your TV.

Video connection

HDMI cable[1] (supplied with Singapore model only)

[1] High Speed HDMI cable

[2] If the HDMI IN jack of your TV is compatible with the ARC (Audio Return Channel) function, digital audio signal can be output from the TV via an HDMI cable connection. For setting the ARC function, see [Audio Return Channel] (page 50).
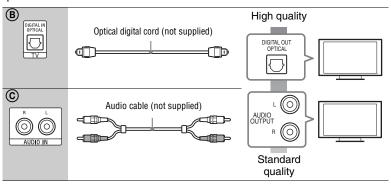
Audio connections
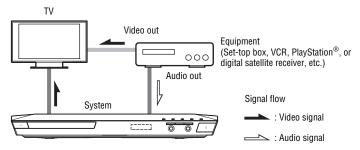
If you do not connect the system to the TV's HDMI jack that is compatible with the ARC function, make an appropriate audio connection for listening to TV sound via the system's speakers.

Optical digital cord (not supplied)

High quality

Audio cable (not supplied)

Standard quality

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Connecting the other equipment (Set-top box, etc.)

Connect the system so that video signals from the system and other equipment are output to the TV, and audio signals from the equipment are output to the system as follows.

TV

Video out

Equipment
(Set-top box, VCR, PlayStation®, or digital satellite receiver, etc.)

Audio out

System

Signal flow

→ : Video signal

⟶ : Audio signal
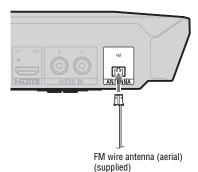
Select one of the following connection methods according to the jack type of the equipment.

A

B

A

DIGITAL IN OPTICAL

TV

Optical digital cord (not supplied)

High quality

DIGITAL OUT OPTICAL

B

R L

AUDIO IN

Audio cable (not supplied)

L

AUDIO OUTPUT

R

Standard quality

Note

• If you make either connection above, set [Control for HDMI] in [HDMI Settings] of [System Settings] to [Off] (page 50).
• You can enjoy equipment sound by selecting the "AUDIO" function for connection **B**.

Connecting the antenna (aerial)

FM wire antenna (aerial)
(supplied)

Note

- Be sure to fully extend the FM wire antenna (aerial).
- After connecting the FM wire antenna (aerial), keep it as horizontal as possible.

Step 3: Preparing for Network Connection
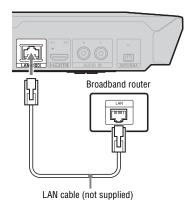
Tip

To connect the system to your network, perform [Easy Network Settings]. For details, see "Step 4: Performing the Easy Setup" (page 21).

Select the method based on your LAN (Local Area Network) environment.

- If you use a wireless LAN
  The system has built-in Wi-Fi, and you can connect the system to the network by making the network settings.
- If you use other than a wireless LAN
  Use a LAN cable to connect to the LAN (100) terminal on the unit.

Broadband router

LAN cable (not supplied)

Tip

A shielded interface cable (LAN cable), straight or crossover, is recommended.

Before performing the network settings

When your wireless LAN router (access point) is Wi-Fi Protected Setup (WPS)-compatible, you can easily set the network settings with the WPS button.
If not, check the following information in advance, and record it in the space provided below.

- The network name (SSID*) that identifies your network**.

- If security is set on your wireless network, the security key (WEP key, WPA key)**.

* SSID (Service Set Identifier) is a name that identifies a particular wireless network.
** You need to check the settings of your wireless LAN router to get the information about SSID and security key. For details:
  – visit the following website:

    For customers in Europe and Russia:
    http://support.sony-europe.com/

    For customers in other countries/regions:
    http://www.sony-asia.com/section/support

  – refer to the operating instructions supplied with the wireless LAN router
  – consult the manufacturer of the wireless LAN router

About wireless LAN security

Since communication via the wireless LAN function is established by radio waves, the wireless signal may be susceptible to interception. To protect wireless communication, this system supports various security functions. Be sure to correctly configure the security settings in accordance with your network environment.

■ No Security

Although you can easily make settings, anyone can intercept wireless communication or intrude into your wireless network, even without any sophisticated tools. Keep in mind that there is a risk of unauthorized access or interception of data.

■ WEP

WEP applies security to communications to prevent outsiders from intercepting communications or intruding into your wireless network. WEP is a legacy security technology that enables older devices which do not support TKIP/AES to be connected.

■ WPA-PSK (TKIP), WPA2-PSK (TKIP)

TKIP is a security technology developed in response to the deficiencies of WEP. TKIP assures a higher security level than WEP.

■ WPA-PSK (AES), WPA2-PSK (AES)

AES is a security technology that uses an advanced security method distinct from WEP and TKIP. AES assures a higher security level than WEP or TKIP.

Step 4: Performing the Easy Setup

Before performing Step 4

Make sure all connections are secure, and then connect the AC power cord (mains lead).

Follow the Steps below to make the basic adjustments and network settings for the system.
Displayed items vary depending on the area.

1 **Insert two R6 (size AA) batteries (supplied) by matching the ⊕ and ⊖ ends on the batteries to the markings inside the compartment.**
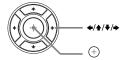
2 **Turn on the TV.**

3 **Press I/**⟳**.**

4 **Switch the input selector on your TV so that the signal from the system appears on the TV screen.**

The [Easy Initial Settings] for OSD language selection appears.

Easy Initial Settings - OSD Language

Select the language to be displayed by this unit.

English
Deutsch
Français
Italiano
Español

5 **Perform [Easy Initial Settings]. Follow the on-screen instructions to make the basic settings using** ←/↑/↓/→ **and** ⊕**.**

←/↑/↓/→

⊕

6 **After completing the [Easy Initial Settings], press ↑/↓ to select [Easy Network Settings], then press** ⊕**.**

The [Easy Network Settings] display appears.

7 **Follow the on-screen instructions to make the network settings using** ←/↑/↓/→ **and** ⊕**.**

If the system cannot connect to the network, see "Network connection" (page 59) or "Wireless LAN connection" (page 59).

To recall the [Easy Network Settings] display

1 Press HOME.

The home menu appears on the TV screen.

2 Press ←/→ to select 🧰 [Setup].

3 Press ↑/↓ to select [Easy Network Settings], then press ⊕.

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Step 5: Selecting the Playback Source

Press FUNCTION repeatedly until the function you want appears in the front panel display.

When you press FUNCTION once, the current function appears in the front panel display, then each time you press FUNCTION, the function changes cyclically as follows.

"BD/DVD" → "USB" → "FM" → "TV" → "BT" → "AUDIO"

Function and playback source

"BD/DVD"
Disc or network device to be played by the system

"USB"
USB device that is connected to the ψ (USB) port (page 11)

"FM"
FM radio (page 38)

"TV"
Equipment (TV, etc.) that is connected to the TV (DIGITAL IN OPTICAL) jack, or a TV compatible with the Audio Return Channel function that is connected to the HDMI (OUT) jack (page 17)

"BT"
Audio contents of a *Bluetooth* device

"AUDIO"
Equipment that is connected to the AUDIO IN (L/R) jacks (page 18)

Tip

• Some functions may be changed via the TV screen by pressing FUNCTION, ♦/♦, and ⊕.
• You can also press BLUETOOTH on the remote control to select "BT" function.

Step 6: Enjoying Surround Sound

After performing the previous Steps and starting playback, you can easily enjoy pre-programmed sound modes that are tailored to different kinds of sound sources. They bring the exciting and powerful sound of movie theaters into your home.

Selecting the sound mode

Press SOUND MODE repeatedly during playback until the mode you want appears in the front panel display or on the TV screen.

Auto
The system automatically selects [Movie] or [Music] to produce the sound effect depending on the disc or sound stream.
• 2-channel source: The system simulates surround sound from 2-channel sources and outputs sound from the 5.1 channel speakers.
• Multi-channel source: The system outputs sound from the speakers as it was recorded.

Movie
The system provides the optimized sound for watching movies.

Music
The system provides the optimized sound for listening to music.

Digital Music Enhancer [Digital Music]
The system reproduces an enhanced sound for compressed audio.

Night
Suitable for watching movies at night by reducing loud sounds while maintaining clear dialog.

Demo Sound
The system provides ear-catching sound, suitable for demonstration.

To select the sound mode from the option menu

1 Press OPTIONS and ♦/♦ to select [Sound Mode], then press ⊕.

2 Press ♦/♦ to select the sound mode, then press ⊕.

To select the pre-programmed music equalizer

Press MUSIC EQ repeatedly during playback.

You can select the sound to suit your preference.

Each time you press the button, the setting changes cyclically as follows.

[Standard] → [Rock] → [Hiphop] → [Electronica]

You can also select the music equalizer by using the option menu in [Music] sound mode.

Note

• The sound mode can be selected only when [Sound Effect] is set to [Sound Mode On] (page 48). When [Sound Effect] is set to other than [Sound Mode On], the sound mode setting does not apply.
• This function does not work when [KARAOKE Mode] is set to [On] (page 27).

Tip

To enjoy 2-channel source such as a CD in multi-channel output, we recommend you to select [Auto].

Selecting the football mode

Press FOOTBALL during playback.

[Football] appears on the TV screen.
You can experience a feeling of presence in the stadium when watching a football match broadcasting.
To turn off the football mode, press FOOTBALL again to select [Football Off]. The sound mode is changed to the last selected sound mode.

Note

• Depending on the source, the football mode may not work well.
• The football mode will be turned off when you turn off the system.

Tip

You can also select the football mode from the option menu.

Playback

Playing a Disc

For playable discs, see "Playable Discs" (page 61).

1 Switch the input selector on your TV so that the signal from the system appears on your TV screen.

2 Press ▲, and place a disc on the disc tray.

3 Press ▲ to close the disc tray.

Playback starts.
If playback does not start automatically, select ● in the ▦ [Video], ♫ [Music], or ▣ [Photo] category, and press ⊕.

Enjoying BONUSVIEW/BD-LIVE

Some BD-ROMs with "BD-LIVE Logo*" have bonus content and other data that can be downloaded for enjoyment.

* BD_{LIVE}

1 Connect the USB device to the ⇣ (USB) port (page 26).

For local storage, use a 1 GB or larger USB memory.

2 Prepare for BD-LIVE (BD-LIVE only).

- Connect the system to a network (page 19).
- Set [BD Internet Connection] to [Allow] (page 49).

3 Insert a BD-ROM with BONUSVIEW/BD-LIVE.

The operation method differs depending on the disc. Refer to the operating instructions of the disc.

Tip

To delete data in the USB memory, select [Delete BD Data] in ▦ [Video], and press ⊕. All data stored in the buda folder will be deleted.

Enjoying Blu-ray 3D

You can enjoy Blu-ray 3D Discs with the 3D logo*.

Blu-ray
* **3D**™

1 Prepare for Blu-ray 3D Disc playback.

- Connect the system to your 3D-compatible TV using a High Speed HDMI cable (page 17).
- Set [3D Output Setting] and [TV Screen Size Setting for 3D] in [Screen Settings] (page 46).

2 Insert a Blu-ray 3D Disc.

The operation method differs depending on the disc. Refer to the operating instructions supplied with the disc.

Tip
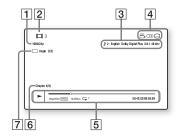
Refer also to the operating instructions of your 3D-compatible TV.

Displaying the playback information

You can check the playback information, etc., by pressing DISPLAY.
The displayed information differs depending on the disc type and system status.

Example: when playing a BD-ROM

A Output resolution/Video frequency

B Title number or name

C The currently selected audio setting

D Available functions (📹 angle, 🔊 audio, ... subtitle)

E Playback information
Displays play mode, playing status bar, disc type, video codec, bit rate, repeat type, elapsed time, total playing time

F Chapter number

G The currently selected angle

Playing from a USB Device

You can play video/music/photo files on a connected USB device.
For playable types of files, see "Playable Types of Files" (page 62).

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

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

2 Press HOME.

The home menu appears on the TV screen.

3 Press ←/→ to select ▤ [Video], ♫ [Music], or ▣ [Photo].

4 Press ↑/↓ to select ➥ [USB device], then press ⊕.

Note
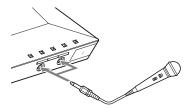
Do not remove the USB device during operation. To avoid data corruption or damage to the USB device, turn the system off before connecting or removing the USB device.

Enjoying Karaoke

Karaoke can only be used with the "BD/DVD" function (including when playing content via a network) or "USB" function.

Note

- To avoid howling or noise, press MIC ⊿ – to set the microphone volume to minimum before connecting the microphone.
- To set [KARAOKE Mode] to [On], you must:
  – Set [Sound Effect] in [Audio Settings] (page 48) to [Sound Mode On], and
  – Set [Audio Output] in [Audio Settings] (page 48) to [Speaker] or [Speaker+HDMI]

1 Connect a microphone to the MIC 1 or MIC 2 jack.

The system enters karaoke mode.

2 Start audio playback following the Steps in "Playing a Disc" (page 24) or "Playing from a USB Device" (page 26).

Microphone sound is not output when:
– the microphone is not connected to the unit properly.
– the microphone volume is set to minimum.
– you use a microphone other than the monaural dynamic type.
  Example: Stereo microphone, calibration mic

To adjust the microphone volume

1 Press KARAOKE.

The KARAOKE button lights up.

2 Press MIC ⌒ +/– repeatedly to adjust the microphone volume.

To set the system to karaoke mode without the microphone connected

1 Press OPTIONS during playback.

2 Press ♦/♦ repeatedly to select [KARAOKE Mode], then press ⊕.

3 Press ♦/♦ to select [On], then press ⊕.

To cancel karaoke mode

Disconnect the microphone, or set [KARAOKE Mode] to [Off].

To add an echo effect

1 Press KARAOKE.

The KARAOKE button lights up.

2 Press ECHO repeatedly.

Each time you press ECHO, the echo level changes cyclically as follows:

"OFF" → "ECHO 1" → "ECHO 2" → "ECHO 3"

To cancel the echo effect, select "OFF".

Note

If howling occurs:
– Move the microphone away from the speakers.
– Lower the microphone volume or echo level.
– Lower the overall volume.

Changing the key of a song (Key Control)

You can change the key to suit your vocal range.

1 Press KARAOKE.

The KARAOKE button lights up.

2 Press KEY CONTROL +/– repeatedly to adjust the key.

You can adjust the key lower or higher in 15 steps (–7 to +7).

To adjust the key from the [Key Control] option

1 Press OPTIONS.

2 Press ♦/♦ repeatedly to select [Key Control], then press ⊕.

The [Key Control] indication appears on the TV screen.

3 Press ♦/♦ repeatedly to select the key you want.

Note

The key may return to the original key automatically when you operate the system or the status of the system is changed.

27GB

Reducing the vocal sound of a non-karaoke source (Karaoke Pon)

You can enjoy karaoke with a stereo-recorded source, even if it is a non-karaoke source, by reducing the sound of the vocals.

1 **Press OPTIONS during playback in karaoke mode.**

2 **Press ♦/♦ repeatedly to select [KARAOKE PON], then press ⊕.**

3 **Press ♦/♦ repeatedly to select the setting you want, then press ⊕.**

[On]: Turns on the [KARAOKE PON].
[Auto]: Automatically turns on the [KARAOKE PON] when microphone sound input is detected.
[Off]: Off.

Note

- This function may not work well depending on the source.
- This function can be used when playing a karaoke disc recorded in Dolby Digital format, however the sound may not be output correctly.

Enjoying music from a *Bluetooth* device

About the *Bluetooth* wireless technology

Bluetooth wireless technology is a short-range wireless technology that enables wireless data communication between digital devices. *Bluetooth* wireless technology operates within a range of about 10 meters.
You do not need wires to get connected as you do with a USB connection, and you do not need to place the devices face to face as you do with wireless infrared technology. *Bluetooth* wireless technology is a global standard supported by thousands of companies. These companies produce products that meet the global standard.

Supported *Bluetooth* version and profiles

Profile refers to a standard set of capabilities for various *Bluetooth* product capabilities. This system supports the following *Bluetooth* version and profiles.
Supported *Bluetooth* version:
Bluetooth Specification version 3.0
Supported *Bluetooth* profiles:
A2DP 1.2 (Advanced Audio Distribution Profile)
AVRCP 1.3 (Audio Video Remote Control Profile)

Note

- To be able 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 depending on 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.

Pairing this system with a *Bluetooth* device

Pairing is an operation where *Bluetooth* devices register with each other beforehand. Once a pairing operation is performed, it does not need to be performed again.

1 **Place the *Bluetooth* device within 1 meter from the unit.**

2 **Press BLUETOOTH.**

You can also select 🔵 [Bluetooth AUDIO] from 🔲 [Input] in home menu.

3 **Set the *Bluetooth* device in pairing mode.**

For details on setting the *Bluetooth* device in pairing mode, refer to the operating instructions supplied with the device.

4 **Select "BLU-RAY HOME THEATRE SYSTEM" on the *Bluetooth* device display.**

Perform this step within 5 minutes, otherwise pairing will be canceled.

Note

If passkey is required on the *Bluetooth* device, enter "0000". Passkey may be called "Passcode", "PIN code", "PIN number" or "Password".

5 **Once pairing is completed, the device is automatically connected to the system.**

Device name appears on the TV screen.

Note

You can pair up to 9 *Bluetooth* devices. If the 10th *Bluetooth* device is paired, the least recently connected device will be replaced by the new one.

6 **Start playback on the *Bluetooth* device.**

7 **Adjust the volume.**

Adjust the volume of the *Bluetooth* device first, if the volume level is still too low, adjust the volume level on the unit.

To cancel pairing operation

Press HOME or FUNCTION.

Connecting to a *Bluetooth* device from this system

You can connect to a *Bluetooth* device from this unit.
Check the following before playing music:
– The *Bluetooth* function of the *Bluetooth* device is turned on.
– The pairing has been completed (page 29).

1 **Press BLUETOOTH.**

Note

To connect to the most recent connected *Bluetooth* device, press ►. Then proceed to Step 5.

2 **Press OPTIONS.**

3 **Press ⏶/⏷ repeatedly to select [Device List], then press ⊕.**

A list of paired *Bluetooth* devices appears.

4 **Press ⏶/⏷ repeatedly to select the device you want, then press ⊕.**

5 **Press ▶ to start playback.**

6 **Adjust the volume.**

Adjust the volume of the *Bluetooth* device first, if the volume level is still too low, adjust the volume level on the unit.

Note

Once the unit and the *Bluetooth* device are connected, you can control playback by pressing ▶, Ⅱ, ■, ◀◀/▶▶ and ◀◀/▶▶.

To disconnect the *Bluetooth* device

Press HOME, FUNCTION or RETURN.

To delete a paired *Bluetooth* device from the device list

1 Follow Steps 1 to 3 above.

2 Press ⏶/⏷ repeatedly to select the device, then press OPTIONS.

3 Press ⏶/⏷ repeatedly to select [Remove], then press ⊕.

4 Follow the on-screen instructions to delete the device using ◀/⏶/⏷/▶ and ⊕.

Note

While connected to a *Bluetooth* device, this system cannot be detected and a connection cannot be established from another *Bluetooth* device.

Connecting to a smartphone by One-touch listening function (NFC)

By holding an NFC-compatible smartphone near to the 🅽 on the unit, the unit and smartphone proceed to complete pairing and the *Bluetooth* connection automatically.

Compatible smartphones
Smartphones with a built-in NFC function (OS: Android 2.3.3 – 4.0.x, excluding Android 3.x)

What is "NFC"?
NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as mobile phones and IC tags. Thanks to the NFC function, data communication can be achieved easily just by holding the device near the 🅽 on the NFC-compatible devices.

1 **Download and install the app "NFC Easy Connect".**

"NFC Easy Connect" is a free app for Android smartphones that can be obtained on Google Play. Search for the app using the keyword "NFC Easy Connect" on the site, or access the download site directly by reading the two-dimensional code below.
Note that "NFC Easy Connect" is free but data communication fees when downloading are charged separately.

Two-dimensional code* for direct access

* Use a two-dimensional code reader app.

Note

The app may not be available in some countries/regions.

2 **Start the "NFC Easy Connect" app on the smartphone.**

Make sure that the application screen is displayed.

3 **Hold the smartphone near to the 🅽 on the unit until the smartphone vibrates.**

Vibration cue is provided when the smartphone is recognized by the unit. After being recognized by the unit, follow the on-screen instructions displayed on the smartphone, and complete the procedure for *Bluetooth* connection.

When the *Bluetooth* connection is established, the blue LED indicator on the front panel stops flashing. The playback time appears in the front panel display.

Note

- The system only can recognizes and connects to one NFC-compatible device at a time.
- Depending on your smartphone, you may need to turn on the NFC function on your smartphone in advance. For details, refer to the operating instructions of the smartphone.

Tip

If pairing and the *Bluetooth* connection fail, do the following.
– Relaunch "NFC Easy Connect" and move the smartphone slowly over the 🅽.
– Remove the case from the smartphone if using a commercially available smartphone case.

To listen to music

Start playback of an audio source on the smartphone. For details on playback operations, refer to the operating instructions of your smartphone.

Tip

If the volume level is low, adjust the volume of the smartphone first. If the volume level is still too low, adjust the volume level on the unit.

To stop playback

The playback will be stopped when you perform any of the following items:
– Hold the smartphone near to the 🅽 on the unit again.
– Stop the music player of the smartphone.
– Turn off the unit or the smartphone.
– Change the function.
– Disable the *Bluetooth* function on the smartphone.

Playing via a Network

Enjoying Sony Entertainment Network (SEN)

Sony Entertainment Network serves as a gateway delivering selected Internet content and a variety of on-demand entertainment straight to your unit.

Tip

• Some Internet content requires registration via a PC before it can be played. For further details, visit the following website:

For customers in Europe and Russia:
http://support.sony-europe.com/

For customers in other countries/regions:
http://www.sony-asia.com/section/support

• Some Internet content may not be available in some countries/regions.

1 Prepare for Sony Entertainment Network.

Connect the system to a network (page 19).
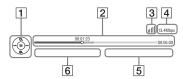
2 Press SEN.

3 Press ←/↑/↓/→ to select the Internet content and a variety of on-demand entertainment, then press ⊕.

Video streaming control panel

The control panel appears when a video file starts playing. The displayed items may differ depending on the Internet content provider.
To display again, press DISPLAY.

1 Control display
Press ←/↑/↓/→ or ⊕ for playback operations.

2 Playing status bar
Status bar, cursor indicating the current position, playing time, duration of the video file

3 Network condition indicator
⊪ Indicates signal strength for a wireless connection.
⊹ Indicates a wired connection.
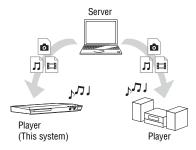
4 Network transmission speed

5 The next video file name

6 The currently selected video file name

Playing files on a Home Network (DLNA)

You can play video/music/photo files on other DLNA-certified equipment by connecting them to your home network.

This unit can be used as a player and renderer.

- Server: Stores and shares digital media contents
- Player: Finds and plays digital media content from the DMS
- Renderer: Receives and plays files from the server, and can be operated by another equipment (controller)
- Controller: Operates the renderer equipment

Server

Player
(This system)

Player

Prepare for using the DLNA function.

- Connect the system to a network (page 19).
- Prepare other DLNA-certified equipment. For details, refer to the operating instructions of the equipment.

To play files stored on a DLNA server via the system (DLNA Player)

Select the DLNA server icon from [Video], [Music], or [Photo] in the home menu, then select the file that you want to play.

Server

Player
(This system)

To play remote files by operating the system (Renderer) via a DLNA controller

You can operate the system with a DLNA-certified controller (a mobile phone, etc), when playing files stored on a DLNA server.

Server

Renderer
(This system)

Controller

For details on operation, refer to the operating instructions of the DLNA controller.

Note

Do not operate the system with the supplied remote control and a DLNA controller at the same time.

Tip

The system is compatible with the "Play To" function of Windows Media® Player 12 that comes standard with Windows 7.

Playing the same music in different rooms (PARTY STREAMING)
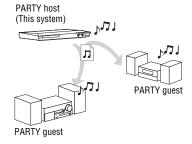
You can play the same music at the same time on all Sony equipment which are compatible with the PARTY STREAMING function and connected to your home network.
Contents in ♫ [Music] and the "FM", "BT" and "AUDIO" functions can be used with the PARTY STREAMING function.

There are two kinds of PARTY STREAMING-compatible equipment.
• PARTY host: Plays and sends music.
• PARTY guest: Plays music that is received from PARTY host.

This unit can be used as a PARTY host or PARTY guest.

PARTY host
(This system)

PARTY guest

PARTY guest

Prepare for PARTY STREAMING.

• Connect the system to a network (page 19).
• Connect equipment which is compatible with the PARTY STREAMING function.

To use the system as the PARTY host

Select a track in ♫ [Music], a radio station in 🔊 [Radio], 🔊 [AUDIO] or 🅱 [Bluetooth AUDIO] in ⤒ [Input], press OPTIONS. Then select [Start PARTY] to start.
To close, press OPTIONS, then select [Close PARTY].

Note

If content that is not compatible with the PARTY STREAMING function is played, the system closes PARTY automatically.

To use the system as a PARTY guest

Select 🎵 [PARTY] in ♫ [Music], then select the PARTY host device icon.
To leave the PARTY, press OPTIONS, then select [Leave PARTY].
To close the PARTY, press OPTIONS, then select [Close PARTY].

Note

The sale and product lineup of products that are compatible with the PARTY STREAMING function differ depending on the area.

Using the TV SideView

TV SideView is a free mobile application for the remote device (smartphone, etc). By using the TV SideView with this system, you can easily enjoy the system by the operation on your remote device.
You can launch a service or application directly from the remote device and view the disc information during the disc playback. The TV SideView also can be used as a remote control and software keyboard.
Before you use the TV SideView device with this system for the first time, be sure to register the TV SideView device.
Follow the on-screen instructions on the TV SideView device for registration.

Note

The registration will be possible only when home menu appears on the TV screen.

Available Options

Various settings and playback operations are available by pressing OPTIONS. The available items differ depending on the situation.

Common options

[Sound Mode]
Changes the sound mode setting (page 22).

[Football]
Turns on or off the football mode (page 23).

[Repeat Setting]
Sets repeat playback.

[3D Menu]
[Simulated 3D]: Adjusts the simulated 3D effect.

[3D Depth Adjustment]: Adjusts the depth of 3D images.

[2D Playback]: Sets playback to 2D image.

[KARAOKE PON]*
Reduces the level of the source vocals (page 28).

[Key Control]*
Changes the key of a song (page 27).

[KARAOKE Mode]
Sets the karaoke mode to on/off (page 27).

[Play/Stop]
Starts or stops playback.

[Play from start]
Plays the item from the beginning.

[Start PARTY]
Starts a party with the selected source.
This item may not appear depending on the source.

[Leave PARTY]
Leaves a party which the system is participating in. The PARTY STREAMING function continues among other participating equipment.

[Close PARTY]
For PARTY host: Closes a party.

For PARTY guest: Closes a party which the system is participating in. The PARTY STREAMING function ends for all other participating equipment.

35^{GB}

[Change Category]
Switches among the 🎞 [Video], 🎵 [Music] and 📷 [Photo] category in "BD/DVD" (for disc only) or "USB" function. This item only available when the display list is available for the category.

* Appears only when [KARAOKE Mode] is set to [On].

🎞 [Video] only

[A/V SYNC]
Adjusts the time gap between picture and sound (page 37).

[3D Output Setting]
Sets whether or not to output 3D video automatically.

[Video Settings]
• [Picture Quality Mode]: Selects the picture settings for different lighting environments.
• [BNR]: Reduces the mosaic-like block noise in the picture.
• [MNR]: Reduces minor noise around the picture outlines (mosquito noise).

[Pause]
Pauses playback.

[Top Menu]
Displays the BD's or DVD's Top Menu.

[Menu/Popup Menu]
Displays the BD-ROM's Pop-up Menu or DVD's menu.

[Title Search]
Searches for a title on BD-ROMs/DVD VIDEOs and starts playback from the beginning.

[Chapter Search]
Searches for a chapter and starts playback from the beginning.

[Audio]
Selects the audio format/track.

[Subtitle]
Selects the subtitle language when multilingual subtitles are recorded on BD-ROMs/DVD VIDEOs.

[Angle]
Switches the viewing angles when multi-angles are recorded on BD-ROMs/DVD VIDEOs.

[IP Content Noise Reduction]
Adjusts the video quality for Internet content.

🎵 [Music] only

[Add Slideshow BGM]
Registers music files in the USB memory as slideshow background music (BGM).

📷 [Photo] only

[Slideshow]
Starts a slideshow.

[Slideshow Speed]
Changes the slideshow speed.

[Slideshow Effect]
Sets the effect when playing a slideshow.

[Slideshow BGM]
• [Off]: Turns off the function.
• [My Music from USB]: Sets the music files registered in [Add Slideshow BGM].
• [Play from Music CD]: Sets the tracks on CD-DAs (music CDs).

[Change Display]
Switches between [Grid View] and [List View].

[Rotate Left]
Rotates the photo counterclockwise by 90 degrees.

[Rotate Right]
Rotates the photo clockwise by 90 degrees.

[View Image]
Displays the selected picture.

Adjusting the delay between the picture and sound

(A/V SYNC)

When the sound does not match the pictures on the TV screen, you can adjust the delay between the picture and sound for each function separately.
The setting method differs depending on the function.

When other than the "BT" or "TV" function is selected

1 **Press OPTIONS.**

The option menu appears on the TV screen.

2 **Press ✦/✦ to select [A/V SYNC], then press ⊕.**

3 **Press ✦/✦ to adjust the delay, then press ⊕.**

You can adjust from 0 ms to 300 ms in 25 ms increments.

When the "TV" function is selected

1 **Press OPTIONS.**

"AV.SYNC" appears in the front panel display.

2 **Press ⊕ or ✦.**

3 **Press ✦/✦ to adjust the delay, then press ⊕.**

You can adjust from 0 ms to 300 ms in 25 ms increments.

4 **Press OPTIONS.**

The option menu in the front panel display turns off.

Sound Adjustment

Selecting the Audio Format, Multilingual Tracks, or Channel

When the system is playing a BD/DVD VIDEO recorded in multiple audio formats (PCM, Dolby Digital, MPEG audio, or DTS) or multilingual tracks, you can change the audio format or language.
With a CD, you can select the sound from the right or left channel and listen to the sound of the selected channel through both the right and left speakers.

Press AUDIO repeatedly during playback to select the audio signal you want.

The audio information appears on the TV screen.

■ BD/DVD VIDEO

Depending on the BD/DVD VIDEO, the option of language varies.
When 4 digits are displayed, they represent a language code. See "Language Code List" (page 66). When the same language is displayed two or more times, the BD/DVD VIDEO is recorded in multiple audio formats.

■ DVD-VR

The types of sound tracks recorded on a disc are displayed.
Example:
- [♪ Stereo]
- [♪ Stereo (Audio1)]
- [♪ Stereo (Audio2)]
- [♪ Main]
- [♪ Sub]
- [♪ Main/Sub]

[♪ Stereo (Audio1)] and [♪ Stereo (Audio2)] do not appear if only one audio stream is recorded on the disc.

■ CD

- [♪ Stereo]: The standard stereo sound.
- [♪ 1/L]: The sound of the left channel (monaural).
- [♪ 2/R]: The sound of the right channel (monaural).
- [♪ L+R]: The sound of both the left and right channels output from each individual speaker.

Enjoying Multiplex Broadcast Sound

(DUAL MONO)

You can enjoy multiplex broadcast sound when the system receives or plays a Dolby Digital multiplex broadcast signal.

Note

To receive a Dolby Digital signal, you need to connect a TV or other equipment to the TV (DIGITAL IN OPTICAL) jack with a optical digital cord (pages 17, 18).
If your TV's HDMI IN jack is compatible with the Audio Return Channel function (pages 17, 50), you can receive a Dolby Digital signal via an HDMI cable.

Press AUDIO repeatedly until the signal you want appears in the front panel display.

- "MAIN": Sound of the main language will be output.
- "SUB": Sound of the sub language will be output.
- "MN/SUB": Mixed sound of both the main and sub languages will be output.

Tuner

Listening to the Radio

1 **Press FUNCTION repeatedly until "FM" appears in the front panel display.**

2 **Select the radio station.**

Automatic tuning

Hold down TUNING +/– until the auto scanning starts.
[Auto Tuning] appears on the TV screen. Scanning stops when the system tunes in a station.
To cancel automatic tuning, press any buttons.

Manual tuning

Press TUNING +/– repeatedly.

3 **Press ∠ +/– repeatedly to adjust the volume.**

If an FM program is noisy

If an FM program is noisy, you can select monaural reception. There will be no stereo effect, but reception will improve.

1 **Press OPTIONS.**

The option menu appears on the TV screen.

2 **Press ♦/♦ to select [FM Mode], then press ⊕.**

3 **Press ♦/♦ to select [Monaural], then press ⊕.**

- [Stereo]: Stereo reception.
- [Monaural]: Monaural reception.

Tip

You can set [FM Mode] for each preset station separately.

To turn off the radio

Press I/(¹).

Presetting radio stations

You can preset up to 20 stations. Before tuning, make sure to turn down the volume to minimum.

1 **Press FUNCTION repeatedly until "FM" appears in the front panel display.**

2 **Hold down TUNING +/– until the auto scanning starts.**

Scanning stops when the system tunes in a station.

3 **Press OPTIONS.**

The option menu appears on the TV screen.

4 **Press ♦/♦ to select [Preset Memory], then press ⊕.**

5 **Press ♦/♦ to select the preset number you want, then press ⊕.**

6 **Repeat Steps 2 to 5 to store other stations.**

To change a preset number

Select the preset number you want by pressing PRESET +/–, then perform the procedure from Step 3.

Selecting a preset station

1 **Press FUNCTION repeatedly until "FM" appears in the front panel display.**

The last received station is tuned in.

2 **Press PRESET +/– repeatedly to select the preset station.**

The preset number and frequency appear on the TV screen and front panel display.
Each time you press the button, the system tunes in one preset station.

Tip

- You can select the preset station number directly by pressing the number buttons.
- Each time you press DISPLAY, the display in the front panel display changes cyclically as follows:
  Frequency → Preset number → Decoding status*
  * Appears when [Sound Effect] is set to [Dolby Pro Logic], [DTS Neo:6 Cinema], or [DTS Neo:6 Music] (page 48).

Tuner

Using the Control for HDMI Function for "BRAVIA" Sync

This function is available on TVs with the "BRAVIA" Sync function.
By connecting Sony equipment that is compatible with the Control for HDMI function via an HDMI cable, operation is simplified.

Note

To use the "BRAVIA" Sync function, be sure to turn on the system and all connected equipment after completed the HDMI connection.

Control for HDMI - Easy Setting

You can set the system's [Control for HDMI] function automatically by enabling the corresponding setting on the TV.
For details about the Control for HDMI function, see "[HDMI Settings]" (page 50)

System Power Off

You can turn the system off in sync with the TV.

Note

The system does not turn off automatically while playing music or when "FM" function is selected.

One-Touch Play

When you press ▶ on the remote control, the system and TV turn on, and the TV's input is switched to the HDMI input which the system is connected.

System Audio Control

You can enjoy the sound from TV or other equipment by a simple operation.

You can use the System Audio Control function as follows:
- When the system is turned on, the sound of the TV or other equipment can be output from the speakers of the system.
- When sound from the TV or other equipment is output via the speakers of the system, you can switch the sound to output from the TV speakers by pressing SPEAKERS TV←→AUDIO.
- When sound from the TV or other equipment is output via the speakers of the system, you can adjust the volume and turn off the sound of the system by operating the TV.

Audio Return Channel

You can enjoy TV sound via the system by using just one HDMI cable. For details of the setting, see "[Audio Return Channel]" (page 50).

Language Follow

When you change the language for the on-screen display of the TV, the system's on-screen display language is also changed after turning off and on the system.

Setting the Speakers

[Speaker Settings]

To obtain optimum surround sound, set the speakers' distance from your listening position. Then use the test tone to adjust the balance of the speakers.

1 Press HOME.

The home menu appears on the TV screen.

2 Press ◄/► to select ☻ [Setup].

3 Press ▲/▼ to select [Audio Settings], then press ⊕.

4 Press ▲/▼ to select [Speaker Settings], then press ⊕.

The [Select speaker layout.] display appears.

5 Press ▲/▼ to select setting according to your speakers placement, then press ⊕.

- [Standard]: The surround speakers are installed in the rear position.
- [All Front]: All speakers are installed in the front position.

Note

The [Distance] and [Level] settings are reset to default settings each time you change the speaker layout setting.

6 Press ▲/▼ to select the item, then press ⊕.

7 Press ▲/▼ to adjust the parameter.

8 Press ◄/► and ⊕ to confirm the settings.

Check the following settings.

■ **[Distance]**

Be sure to set the parameters of the distance from the listening position to the speakers. You can set the parameters from 0.0 to 7.0 meters.

[Front Left/Right] 3.0 m: Set the front speaker distance.
[Centre] 3.0 m: Set the center speaker distance.
[Surround Left/Right] 3.0 m: Set the surround speaker distance.
[Subwoofer] 3.0 m: Set the subwoofer distance.

■ **[Level]**

You can adjust the sound level of the speakers. You can set the parameters from –6.0 dB to +6.0 dB. Be sure to set [Test Tone] to [On] for easy adjustment.

[Front Left/Right] 0.0 dB: Set the front speaker level.
[Centre] 0.0 dB: Set the center speaker level.
[Surround Left/Right] 0.0 dB: Set the surround speaker level.
[Subwoofer] 0.0 dB: Set the subwoofer level.

■ **[Test Tone]**

The speakers will emit a test tone to adjust [Level].

[Off]: The test tone is not emitted from the speakers.
[On]: The test tone is emitted from each speaker in sequence while adjusting level. When you select one of the [Speaker Settings] items, the test tone is emitted from each speaker in sequence. Adjust the sound level as follows.

1 Set [Test Tone] to [On].

2 Press ▲/▼ to select [Level], then press ⊕.

3 Press ▲/▼ to select the speaker type you want, then press ⊕.

4 Press ◄/► to select the left or right speaker, then press ▲/▼ to adjust the level.

5 Press ⊕.

6 Repeat Steps 3 to 5.

7 Press RETURN.

The system returns to the previous display.

Other Operations

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8 Press ♦/♦ to select [Test Tone], then press ⊕.

9 Press ♦/♦ to select [Off], then press ⊕.

Note

The test tone signals are not output from the HDMI (OUT) jack.

Tip

To adjust the volume of all the speakers at one time, press ∠ +/–.

Using the Sleep Timer

You can set the system to turn off at a preset time, so you can fall asleep listening to music. The time can be preset in intervals of 10 minutes.

Press SLEEP.

Each time you press SLEEP, the minutes display (the remaining time) in the front panel display changes by 10 minutes.

When you set the sleep timer, the remaining time appears every 5 minutes. When the remaining time is less than 2 minutes, "SLEEP" flashes in the front panel display.

To check the remaining time

Press SLEEP once.

To change the remaining time

Press SLEEP repeatedly.

Deactivating the Buttons on the Unit

(Child Lock)

You can deactivate the buttons on the unit (except for I/(¹)) for preventing misoperation, such as child mischief.

Hold down ■ on the unit for more than 5 seconds.

"LOCKED" appears in the front panel display.
The child lock function is activated and the buttons on the unit are locked. (You can operate the system by using the remote control.)
To cancel, hold down ■ for more than 5 seconds until "UNLOCK" appears in the front panel display.

Note

If you operate the buttons on the unit while the child lock function is on, "LOCKED" flashes in the front panel display.

Controlling Your TV with the Supplied Remote Control

By adjusting the remote control signal, you can control your TV with the supplied remote control.

Note

When you replace the batteries of the remote control, the code number may reset to the default (SONY) setting. Set the appropriate code number again.

Preparing the remote control for controlling the TV

While holding down TV I/⏻, press number buttons to enter your TV's manufacturer's code (see the table). Then release TV I/⏻.

Manufacturer	Code number
SONY	01 (default)
LG	03, 04
PHILIPS	03, 05
SAMSUNG	02, 03, 04

If the setting is unsuccessful, the currently registered code is not changed. Re-enter the code number.

If more than one code number is listed, try entering them one at a time until you find the code that works with your TV.

Saving Power in Standby Mode

Check that you have made the following settings:
– [Control for HDMI] in [HDMI Settings] is set to [Off] (page 50).
– [Quick Start Mode] is set to [Off] (page 50).
– [Remote Start] in [Network Settings] is set to [Off] (page 52).

Browsing Websites

1 **Prepare for Internet browsing.**
Connect the system to a network (page 19).

2 **Press HOME.**
The home menu appears on the TV screen.

3 **Press ←/→ to select ⊕ [Network].**

4 **Press ↑/↓ to select [Internet Browser], then press ⊕.**
The [Internet Browser] display appears.

Note

Some websites may not display correctly, or not function.

To enter a URL

Select [URL entry] from the options menu. Enter the URL using the software keyboard, then select [Enter].

To set the default start page

While the page you want to set is displayed, select [Set as start page] from the options menu.

To return to the previous page

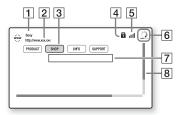Select [Previous page] from the options menu.

When the previous page does not appear even if you select [Previous page], select [Window List] from the options menu and select the page you want to return to from the list.

To quit Internet Browser

Press HOME.

Other Operations

Internet Browser display

You can check website information by pressing DISPLAY. The display information differs depending on the website and page status.

1 Page title

2 Page address

3 Cursor
   Move by pressing ←/↑/↓/→. Place the cursor on the link you want to view, then press ⊕. The linked website is displayed.

4 SSL icon
   Appears when the linked URL is secured.

5 Signal strength indicator
   Appears when the system is connected to a wireless network.

6 Progress bar/Loading icon
   Appears when the page is being read, or during file download/transfer.

7 Text input field
   Press ⊕, then choose [Input] from the options menu to open the software keyboard.

8 Scroll bar
   Press ←/↑/↓/→ to move the page display left, up, down, or right.

Available options

Various settings and operations are available by pressing OPTIONS.
The available items differ depending on the situation.

[Browser Setup]
Displays the Internet Browser settings.
- [Zoom]: Increases or decreases the size of the displayed contents.
- [JavaScript Setup]: Sets whether to enable or disable JavaScript.
- [Cookie Setup]: Sets whether or not to accept browser cookies.
- [SSL Alarm Display]: Sets whether to enable or disable SSL.

[Window List]
Displays a list of all current opened websites. Allows you to return to a previous displayed website by selecting the window.

[Bookmark List]
Displays the bookmark list.

[URL entry]
Allows you to enter a URL when the software keyboard is displayed.

[Previous page]
Moves to a previous displayed page.

[Next page]
Moves to the previous displayed next page.

[Cancel loading]
Stops loading a page.

[Reload]
Reloads the same page.

[Add to Bookmark]
Adds the current displayed website to the bookmark list.

[Set as start page]
Sets the current displayed website as the default start page.

[Open in new window]
Opens a link in a new window.

[Character encoding]
Sets the character encoding system.

[Display certificate]

Displays server certificates sent from pages that support SSL.

[Input]

Displays the software keyboard to enter characters while browsing a website.

[Break]

Moves the cursor to the next line in the text input field.

[Delete]

Erases one character on the left side of the cursor during text input.

Using the Setup Display

You can make various adjustments to items such as picture and sound.
The default settings are underlined.

Note

Playback settings stored in the disc take priority over the Setup Display settings. Therefore, some of the functions may not be performed.

1 Press HOME.

The home menu appears on the TV screen.

2 Press ◄/► to select 🧰 [Setup].

3 Press ▲/▼ to select the setup category icon, then press ⊕.

Icon	Explanation
↻	**[Network Update] (page 46)** Updates the software of the system.
🖼	**[Screen Settings] (page 46)** Makes the screen settings according to the type of TV.
🔊	**[Audio Settings] (page 48)** Makes the audio settings according to the type of connecting jacks.
💿	**[BD/DVD Viewing Settings] (page 49)** Makes detailed settings for BD/DVD playback.

Icon	Explanation
🔒	**[Parental Control Settings] (page 49)** Makes detailed settings for the Parental Control function.
🔧	**[System Settings] (page 50)** Makes the system-related settings.
🌐	**[Network Settings] (page 51)** Makes detailed settings for Internet and network.
🔧 1·2·3	**[Easy Network Settings] (page 52)** Runs [Easy Network Settings] to make the basic network settings.
↩	**[Resetting] (page 52)** Resets the system to the factory settings.

↻ [Network Update]

By updating your software to the latest version, you can take advantage of the newest functions.
For information about update functions, refer to the following website:

For customers in Europe and Russia:
http://support.sony-europe.com/

For customers in other countries/regions:
http://www.sony-asia.com/section/support

During a software update, "UPDATE" appears in the front panel display. After the update completes, the unit automatically turns off.
While the updating operation is in progress, do not turn on or off the unit, or operate the unit or TV. Wait for the software update to complete.

📺 [Screen Settings]

■ [3D Output Setting]

[Auto]: Normally select this.
[Off]: Select this to display all contents in 2D.

■ [TV Screen Size Setting for 3D]

Sets the screen size of your 3D-compatible TV.

■ [TV Type]

[16:9]: Select this when connecting to a wide-screen TV or a TV with a wide-mode function.
[4:3]: Select this when connecting to a 4:3 screen TV without a wide-mode function.

■ [Screen Format]

[Full]: Select this when connecting to a TV with a wide-mode function. Displays a 4:3 screen picture in 16:9 aspect ratio even on a wide-screen TV.
[Normal]: Changes the picture size to fit the screen size with the original picture aspect ratio.

■ [DVD Aspect Ratio]

[Letter Box]: Displays a wide picture with black bands on the top and bottom.

[Pan & Scan]: Displays a full-height picture on the entire screen, with trimmed sides.

■ [Cinema Conversion Mode]

[Auto]: Normally select this. The unit automatically detects whether the material is video-based or film-based, and switches to the appropriate conversion method.
[Video]: The conversion method suited for video-based material will always be selected regardless of the material.

■ [Output Video Resolution]

[Auto]: Outputs video signal according to the resolution of the TV or connected equipment.
[Original Resolution]: Outputs video signal according to the resolution recorded on the disc. (When the resolution is lower than SD resolution, it is scaled up to SD resolution.)
[480i/576i]*, [480p/576p]*, [720p], [1080i], [1080p]: Outputs video signal according to the selected resolution setting.

* If the color system of your disc is NTSC, the video signals resolution can be converted to [480i] and [480p] only.

■ [BD-ROM 24p Output]

[Auto]: Outputs 24p video signals only when you connect a 1080/24p-compatible TV via an HDMI connection and the [Output Video Resolution] is set to [Auto] or [1080p].
[On]: Select this when your TV is compatible with 1080/24p video signals.
[Off]: Select this when your TV is not compatible with 1080/24p video signals.

■ [DVD-ROM 24p Output]

[Auto]: Outputs 24p video signals only when you connect a 1080/24p-compatible TV via an HDMI connection and the [Output Video Resolution] is set to [Auto] or [1080p].
[Off]: Select this when your TV is not compatible with 1080/24p video signals.

■ [YCbCr/RGB (HDMI)]

[Auto]: Automatically detects the type of external equipment, and switches to the matching color setting.
[YCbCr (4:2:2)]: Outputs YCbCr 4:2:2 video signals.
[YCbCr (4:4:4)]: Outputs YCbCr 4:4:4 video signals.
[RGB]: Select this when connecting to an equipment with an HDCP compliant DVI jack.

■ [HDMI Deep Colour Output]

[Auto]: Normally select this.
[16bit], [12bit], [10bit]: Outputs 16bit/12bit/10bit video signals when the connected TV is compatible with Deep Colour.
[Off]: Select this when the picture is unstable or colors appear unnatural.

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■ **[Pause Mode] (BD/DVD VIDEO/DVD-R/DVD-RW only)**

[Auto]: The picture, including subjects that move dynamically, is output with no jitter. Normally select this position.
[Frame]: The picture, including subjects that do not move dynamically, is output in high resolution.

🔊 [Audio Settings]

■ **[BD Audio MIX Setting]**

[On]: Outputs the audio obtained by mixing the interactive audio and secondary audio to the primary audio.
[Off]: Outputs the primary audio only.

■ **[Audio DRC]**

You can compress the dynamic range of the sound track.

[Auto]: Performs playback at the dynamic range specified by the disc (BD-ROM only).
[On]: The system reproduces the sound track with the kind of dynamic range that the recording engineer intended.
[Off]: No compression of dynamic range.

■ **[Attenuate - AUDIO]**

Distortion may occur when you listen to an equipment connected to the AUDIO IN (L/R) jacks. You can prevent distortion by attenuating the input level on the unit.

[On]: Attenuates the input level. The output level will decrease at this setting.
[Off]: Normal input level.

■ **[Audio Output]**

You can select the output method where the audio signal is output.

[Speaker]: Outputs multi-channel sound from the system's speakers only.
[Speaker + HDMI]: Outputs multi-channel sound from the system's speakers and 2-channel linear PCM signals from the HDMI (OUT) jack.
[HDMI]: Outputs sound from the HDMI (OUT) jack only. Sound format depends on the connected equipment.

Note

- When [Control for HDMI] is set to [On] (page 50), [Audio Output] is set to [Speaker + HDMI] automatically and this setting cannot be changed.
- When [Audio Output] is set to [HDMI], the output signal format for the "TV" function is 2-channel linear PCM.

■ **[Sound Effect]**

You can turn on or off the system's sound effects (SOUND MODE setting (page 22)). For a 2-channel source, you can select [Dolby Pro Logic], [DTS Neo:6 Cinema], or [DTS Neo:6 Music] to simulate surround sound.

[Sound Mode On]: Enables the surround effect of the sound mode (page 22) and Football mode (page 23).
[Dolby Pro Logic]: The system simulates surround sound from 2-channel sources and outputs sound from all speakers (5.1 channel) (Dolby Pro Logic decoding).
[DTS Neo:6 Cinema]/[DTS Neo:6 Music]: The system simulates surround sound from 2-channel sources and produces multi-channel sound (DTS Neo:6 Cinema/DTS Neo:6 Music mode decoding).
[2ch Stereo]: This system outputs the sound from the front left/right speakers and subwoofer only. Multi-channel surround formats are downmixed to 2-channel.

[Off]: The sound effects are disabled. You can hear sound as it is recorded.

■ [Speaker Settings]

To obtain optimum surround sound, set the speakers. For details, see "Setting the Speakers" (page 40).

■ [Bluetooth AUDIO - AAC]

You can enable and disable AAC audio.

[On]: AAC audio if the *Bluetooth* device supports AAC.
[Off]: SBC audio.

Note

You can enjoy high quality sound if the AAC is enabled. In case you cannot listen to AAC sound from your device, select [Off].

🔘 [BD/DVD Viewing Settings]

■ [BD/DVD Menu Language]

You can select the default menu language for BD-ROMs or DVD VIDEOs.
When you select [Select Language Code], the display for entering the language code appears. Enter the code for your language by referring to "Language Code List" (page 66).

■ [Audio Language]

You can select the default track language for BD-ROMs or DVD VIDEOs.
When you select [Original], the language given priority in the disc is selected.
When you select [Select Language Code], the display for entering the language code appears. Enter the code for your language by referring to "Language Code List" (page 66).

■ [Subtitle Language]

You can select the default subtitle language for BD-ROMs or DVD VIDEOs.
When you select [Select Language Code], the display for entering the language code appears. Enter the code for your language by referring to "Language Code List" (page 66).

■ [BD Hybrid Disc Playback Layer]

[BD]: Plays BD layer.
[DVD/CD]: Plays DVD or CD layer.

■ [BD Internet Connection]

[Allow]: Normally select this.
[Do not allow]: Prohibits Internet connection.

🔒 [Parental Control Settings]

■ [Password]

Set or change the password for the Parental Control function. A password allows you to set a restriction on BD-ROM, DVD VIDEO, or Internet video playback. If necessary, you can differentiate the restriction levels for BD-ROMs and DVD VIDEOs.

■ [Parental Control Area Code]

Playback of some BD-ROMs or DVD VIDEOs can be limited according to the geographic area. Scenes may be blocked or replaced with different scenes. Follow the on-screen instructions and enter your four-digit password.

■ [BD Parental Control]/[DVD Parental Control]/[Internet Video Parental Control]

By setting Parental Control, scenes can be blocked or replaced with different scenes. Follow the on-screen instructions and enter your four-digit password.

■ [Internet Video Unrated]

[Allow]: Allows the playback of unrated Internet videos.
[Block]: Blocks the playback of unrated Internet videos.

♔_i [System Settings]

■ [OSD Language]
You can select the language you want for the system on-screen display.

■ [Main Unit illumination]

[On]: The front panel display is always turned on and the brightness of the LED indicator is the maximum.
[Auto]: The front panel display is turned off and the brightness of LED indicator is reduced automatically if you do not operate the system for about 10 seconds.

■ [HDMI Settings]
[Control for HDMI]
[On]: Turns on the [Control for HDMI] function. You can operate mutually between equipment that are connected with an HDMI cable.
[Off]: Off.

[Audio Return Channel]
This function is available when you connect the system to a TV's HDMI IN jack that is compatible with the Audio Return Channel function and [Control for HDMI] is set to [On].
[Auto]: The system can receive the digital audio signal of the TV automatically via an HDMI cable.
[Off]: Off.

■ [Quick Start Mode]

[On]: Shortens the startup time from standby mode. You can operate the system quickly after turning it on.
[Off]: The default setting.

■ [Auto Standby]

[On]: Turns on the [Auto Standby] function. When you do not operate the system for about 30 minutes, the system enters standby mode automatically.
[Off]: Off.

■ [Auto Display]

[On]: Automatically displays information on the screen when changing the viewing titles, picture modes, audio signals, etc.
[Off]: Displays information only when you press DISPLAY.

■ [Screen Saver]

[On]: Turns on the screen saver function.
[Off]: Off.

■ [Software Update Notification]

[On]: Sets the system to inform you of latest software version information (page 46).
[Off]: Off.

■ [System Information]

You can display the system's software version information and the MAC address.

■ [Software License Information]

You can display the Software License Information.

🌐 [Network Settings]

■ [Internet Settings]

Connect the system to the network beforehand. For details, see "Step 3: Preparing for Network Connection" (page 19).

[Wired Setup]: Select this when you connect to a broadband router using a LAN cable.
[Wireless Setup(built-in)]: Select this when you use the built-in wireless LAN of the system for wireless network connection.

Tip

For further details, visit the following website and check the FAQ:

For customers in Europe and Russia:
http://support.sony-europe.com/

For customers in other countries/regions:
http://www.sony-asia.com/section/support

■ [Network Connection Status]

Displays the current network connection status.

■ [Network Connection Diagnostics]

You can run the network diagnostic to check if the network connection has been made properly.

■ [Connection Server Settings]

Sets whether or not to display the connected DLNA server.

■ [Renderer Set-up]

[Automatic Access Permission]: Sets whether or not to allow automatic access from a newly detected DLNA controller.
[Smart Select]: Allows a Sony DLNA controller to find the system as the target equipment to operate by using the infrared ray. You can set this function to on or off.
[Renderer Name]: Displays the system's name as it is listed on other DLNA devices on the network.

■ [Renderer Access Control]

Sets whether or not to accept commands from DLNA controllers.

■ [PARTY Auto Start]

[On]: Starts a PARTY or joins an existing PARTY at the request of a networked device compatible with the PARTY STREAMING function.
[Off]: Off.

Settings and Adjustments

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■ [Registered Remote Devices]

Displays a list of your registered remote devices.

Note

To use this function, be sure to perform the software update (page 46).

■ [Remote Start]

[On]: Allows turn on the system by a device linked via network when the system is in standby mode.

[Off]: The system cannot be turned on by a device linked via network.

🔌 [Easy Network Settings]

Runs [Easy Network Settings] to make the basic network settings. Follow the on-screen instructions.

🔙 [Resetting]

■ [Reset to Factory Default Settings]

You can reset the system settings to the factory default by selecting the group of settings. All the settings within the group will be reset.

■ [Initialise Personal Information]

You can erase your personal information stored in the system.

Precautions

On safety

- Should any solid object or liquid fall into the cabinet, 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.

On power sources

If you are not going to use the system for a long time, be sure to disconnect the system from the wall outlet. To disconnect the AC power cord (mains lead), grasp the plug itself; never pull the cord.

On placement

- Place the system in a location with adequate ventilation to prevent heat build-up in the system.
- Although the unit heats up during operation, this is not a malfunction. If you continuously use this unit at a large volume, the cabinet temperature of the top, side and bottom rises considerably. To avoid burning yourself, do not touch the cabinet.
- Do not place the unit on a soft surface (rugs, blankets, etc.) that might block the ventilation holes.
- Do not install the system near heat sources such as radiators, air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.
- Do not install the system in an inclined position. It is designed to be operated in a horizontal position only.

- Keep the system and discs away from components with strong magnets, such as microwave ovens, or large loudspeakers.
- Do not place heavy objects on the system.
- Do not place metal objects in front of the front panel. It may limit reception of radio waves.
- Do not place the system in a place where medical equipment is in use. It may cause a malfunction of medical equipment.
- If you use a pacemaker or other medical device, consult your physician or the manufacturer of your medical device before using the wireless LAN function.

On operation

If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the unit. Should this occur, the system may not operate properly. In this case, remove the disc and leave the system turned on for about half an hour until the moisture evaporates.

On adjusting volume

Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level section is suddenly played.

On cleaning

Clean the cabinet, panel, and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

On cleaning discs, disc/lens cleaners

Do not use cleaning discs or disc/lens cleaners (including wet or spray types). These may cause the apparatus to malfunction.

On replacement of parts

In the events that this system is repaired, repaired parts may be retained for reuse or recycling purposes.

On your TV's color

If the speakers cause the color irregularity on your TV screen, turn off the TV then turn it on after 15 to 30 minutes. If color irregularity persist, place the speakers further away from the TV set.

IMPORTANT NOTICE

Caution: This system is capable of holding a still video image or on-screen display image on your TV screen indefinitely. If you leave the still video image or on-screen display image displayed on your TV for an extended period of time, you risk permanent damage to your TV screen. Plasma display panel televisions and projection televisions are especially susceptible to this.

On moving the system

Before moving the system, make sure that there is no disc inserted, and disconnect the AC power cord (mains lead) from the wall outlet (mains).

Additional Information

On *Bluetooth* communication

- *Bluetooth* devices should be used within approximately 10 meters (unobstructed distance) of each other. The effective communication range may become shorter under the following conditions.
  – When a person, metal object, wall or other obstruction is between the devices with a *Bluetooth* connection
  – Locations where a wireless LAN is installed
  – Around microwave ovens that are in use
  – Locations where other electromagnetic waves occur
- *Bluetooth* devices and wireless LAN (IEEE 802.11b/g) use the same frequency band (2.4 GHz). When using your *Bluetooth* device near a device with wireless LAN capability, electromagnetic interference may occur. This could result in lower data transfer rates, noise, or inability to connect. If this happens, try the following remedies:
  – Use this unit at least 10 meters away from the wireless LAN device.
  – Turn off the power to the wireless LAN equipment when using your *Bluetooth* device within 10 meters.
  – Install this unit and *Bluetooth* device as closer to each other as possible.
- The radio waves broadcast by this unit may interfere with the operation of some medical devices. Since this interference may result in malfunction, always turn off the power on this unit 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 unit 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 unit.
- *Bluetooth* devices connected with this unit 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 unit, the communications environment, or surrounding conditions.

If you have any questions or problems concerning your system, please consult your nearest Sony dealer.

Notes about Discs

On handling discs

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.
- Do not stick paper or tape on the disc.

- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerably inside the car.
- After playing, store the disc in its case.

On cleaning

- Before playing, clean the disc with a cleaning cloth.
  Wipe the disc from the center out.

- Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for vinyl LPs.

This system can only play a standard circular disc. Using neither standard nor circular discs (e.g., card, heart, or star shape) may cause a malfunction.

Do not use a disc that has a commercially available accessory attached, such as a label or ring.

Troubleshooting

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

General

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

The remote control does not function.
→ The distance between the remote control and the unit is too far.
→ The batteries in the remote control are weak.

The disc tray does not open and you cannot remove the disc even after you press ▲.
→ Try the following:
  ① Hold down ▶ and ▲ on the unit for more than 5 seconds to open the disc tray.
  ② Remove the disc.
  ③ Disconnect the AC power cord (mains lead) from the wall outlet (mains), then reconnect after several minutes.

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

Messages

[A new software version is available. Please go to the "Setup" section of the menu and select "Network Update" to perform the update.] appears on the TV screen.

→ See [Network Update] (page 46) to update the system to a latest software version.

"PRTECT", "PUSH" and "POWER" appear alternately in the front panel display.

→ Press I/⏻ to turn off the system, and check the following items after "STBY" disappears.
  • Are you using only the supplied speakers?
  • Is anything blocking the ventilation holes of the system?
  • After checking the above items and fixing any problems, turn on the system. If the cause of the problem cannot be found even after checking all the above items, consult your nearest Sony dealer.

"LOCKED" appears in the front panel display.

→ Set the child lock function to off (page 42).

"D. LOCK" appears in the front panel display.

→ Contact your nearest Sony dealer or local authorized Sony service facility.

"Exxxx" (x is a number) appears in the front panel display.

→ Contact your nearest Sony dealer or local authorized Sony service facility and give the error code.

⚠ appears without any messages on the entire TV screen.

→ Contact your nearest Sony dealer or local authorized Sony service facility.

Picture

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

→ Check the output method on your system (page 17).
→ Hold down ▶ and VOL – on the unit for more than 5 seconds to reset the video output resolution to the lowest resolution.
→ For BD-ROMs, check the [BD-ROM 24p Output] settings in [Screen Settings] (page 47).

There is no picture when you make an HDMI cable connection.

→ The unit is connected to an input device that is not HDCP (High-bandwidth Digital Content Protection) compliant ("HDMI" in the front panel does not light up) (page 17).

The dark area of the picture is too dark/the bright area is too bright or unnatural.

→ Set [Picture Quality Mode] to [Standard] (default) (page 36).

Picture noise appears.

→ Clean the disc.
→ If the picture output from your system goes through your VCR to get to your TV, the copy-protection signal applied to some BD/DVD programs could affect picture quality. If you still experience problems even when you connect your unit directly to your TV, try connecting your unit to the other input jacks.

An image is not displayed on the entire TV screen.

→ Check the setting of [TV Type] in [Screen Settings] (page 46).
→ The aspect ratio on the disc is fixed.

Color irregularity occurs on the TV screen.

→ If the speakers are used with a CRT-based TV or projector, install the speakers at least 0.3 meters from the TV set.
→ If the color irregularity persists, turn off the TV set once, then turn it on after 15 to 30 minutes.
→ Make sure that no magnetic object (magnetic latch on a TV stand, health care device, toy, etc.) is placed near the speakers.

Sound

There is no sound.

→ The speaker cords are not connected securely.
→ Check the speaker settings (page 40).

There is no sound from the TV via the HDMI (OUT) jack when using the Audio Return Channel function.

→ Set [Control for HDMI] in [HDMI Settings] of [System Settings] to [On] (page 50). Also, set [Audio Return Channel] in [HDMI Settings] of [System Settings] to [Auto] (page 50).
→ Make sure that your TV is compatible with the Audio Return Channel function.
→ Make sure that an HDMI cable is connected to a jack on your TV that is compatible with the Audio Return Channel function.

The system does not output sound of TV programs correctly when connected to a set-top box.

→ Set [Audio Return Channel] in [HDMI Settings] of [System Settings] to [Off] (page 50).
→ Check the connections (page 18).

Severe hum or noise is heard.

→ Move your audio equipment away from the TV.
→ Clean the disc.

The sound loses stereo effect when you play a CD.

→ Select stereo sound by pressing AUDIO (page 37).

The sound outputs from the center speaker only.

→ Depending on the disc, the sound may output from the center speaker only.

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

→ Check the speaker connections and settings (pages 16, 40).
→ Check the sound mode setting (page 22).
→ Depending on the source, the effect of the surround speakers may be less noticeable.
→ A 2-channel source is being played.

Distortion occurs in the sound of a connected equipment.

→ Reduce the input level for the connected equipment by setting [Attenuate - AUDIO] (page 48).

A sudden loud music is heard.

→ The build-in sound demonstration is activated. Press ⊿ – to reduce the volume or press ■ to stop the demonstration.

57GB

Tuner

Radio stations cannot be tuned in.
→ Check that the antenna (aerial) is connected securely. Adjust the antenna (aerial).
→ The signal strength of the stations is too weak (when tuning in with automatic tuning). Use manual tuning.

Playback

The disc does not play.
→ The region code on the BD/DVD does not match the system.
→ Moisture has condensed inside the unit and may cause damage to the lenses. Remove the disc and leave the unit turned on for about half an hour.
→ The system cannot play a recorded disc that is not correctly finalized (page 61).

File names are not displayed correctly.
→ The system can only display ISO 8859-1 compliant character formats. Other character formats may be displayed differently.
→ Depending on the writing software used, the input characters may be displayed differently.

A disc does not start playing from the beginning.
→ Resume play has been selected. Press OPTIONS and select [Play from start], then press ⊕.

Playback does not start from the resume point where you last stopped playing.
→ The resume point may be cleared from memory depending on the disc when
  • you open the disc tray.
  • you disconnect the USB device.
  • you play other content.
  • you turn off the unit.

The language for the soundtrack/subtitle or angles cannot be changed.
→ Try using the BD's or DVD's menu.
→ Multi-lingual tracks/subtitles or multi-angles are not recorded on the BD or DVD being played.

Bonus contents or other data that are contained in a BD-ROM cannot be played.
→ Try the following:
  ① Remove the disc.
  ② Turn the system off.
  ③ Remove and reconnect the USB device (page 26).
  ④ Turn the system on.
  ⑤ Insert the BD-ROM with BONUSVIEW/BD-LIVE.

USB device

The USB device is not recognized.
→ Try the following:
  ① Turn the system off.
  ② Remove and reconnect the USB device.
  ③ Turn the system on.
→ Make sure that the USB device is securely connected to the ψ (USB) port.
→ Check if the USB device or a cable is damaged.
→ Check if the USB device is on.

→ If the USB device is connected via a USB hub, disconnect it and connect the USB device directly to the unit.

BRAVIA Internet Video

The picture/sound is poor/certain programs display with a loss of detail, especially during fast-motion or dark scenes.
→ Picture/sound quality may be poor depending on Internet content providers.
→ Picture/sound quality may be improved by changing the connection speed. Sony recommends a connection speed of at least 2.5 Mbps for standard-definition video and 10 Mbps for high-definition video.
→ Not all videos contain sound.

The picture is small.
→ Press ▲ to zoom in.

"BRAVIA" Sync ([Control for HDMI])

The [Control for HDMI] function does not work ("BRAVIA" Sync).
→ Check that [Control for HDMI] is set to [On] (page 50).
→ If you change the HDMI connection, turn the system off and on again.
→ If power failure occurs, set [Control for HDMI] to [Off], then set [Control for HDMI] to [On] (page 50).
→ Check the following and refer to the operating instructions supplied with the equipment.
   • The connected equipment is compatible with the [Control for HDMI] function.

• The connected equipment's setting for the [Control for HDMI] function is correct.

Network connection

The system cannot connect to the network.
→ Check the network connection (page 19) and the network settings (page 51).

Wireless LAN connection

You cannot connect your PC to the Internet after [Wi-Fi Protected Setup (WPS)] is performed.
→ The wireless settings of the router may change automatically if you use the Wi-Fi Protected Setup function before adjusting the settings of the router. In this case, change the wireless settings of your PC accordingly.

The system cannot connect to the network or the network connection is unstable.
→ Check if the wireless LAN router is on.
→ Check the network connection (page 19) and the network settings (page 51).
→ Depending on the usage environment, including the wall material, radio wave reception conditions, or obstacles between the system and the wireless LAN router, the possible communication distance may be shortened. Move the system and the wireless LAN router closer to each other.

→ Devices that use a 2.4 GHz frequency band, such as a microwave, *Bluetooth*, or digital cordless device, may interrupt communication. Move the unit away from such devices, or turn off such devices.

→ The wireless LAN connection may be unstable depending on the usage environment, especially while using the *Bluetooth* function of the system. In this case, adjust the usage environment.

The wireless router you want is not shown in the wireless network list.

→ Press RETURN to return to the previous screen, and try [Wireless Setup(built-in)] again. If the wireless router you want is still not detected, select [Add a new address.] from the network list, then select [Manual Registration] to input a network name (SSID) manually.

Bluetooth device

Pairing cannot be done.

→ Move the *Bluetooth* device closer to the unit.

→ Pairing may not be possible if other *Bluetooth* devices are present around the unit. In this case, turn off the other *Bluetooth* devices.

→ Delete the system from your *Bluetooth* device and perform pairing again (page 29).

Connecting cannot be done.

→ The pairing registration information has been erased. Perform the pairing operation again (page 29).

There is no sound.

→ Make sure this system is not too far from the *Bluetooth* device, or this system is not receiving interference from a Wi-Fi network, other 2.4 GHz wireless device, or microwave oven.

→ Check that the *Bluetooth* connection is made properly between this system and the *Bluetooth* device.

→ Pair this system and the *Bluetooth* device again.

→ Keep the system away from metal objects or surfaces.

→ Make sure "BT" function is selected.

→ Adjust the volume of the *Bluetooth* device first, if the volume level is still too low, adjust the volume level on the unit.

The sound skips or fluctuates, or the connection is lost.

→ The unit and the *Bluetooth* device are too far apart.

→ If there are obstacles between the unit and your *Bluetooth* device, remove or avoid the obstacles.

→ If there is equipment that generates electromagnetic radiation, such as a wireless LAN, other *Bluetooth* device, or a microwave oven nearby, move them away.

Karaoke

Microphone sound is not output.

→ Set [KARAOKE Mode] to [On] (page 27).

→ Connect the microphone to the unit properly.

→ Connect a monaural dynamic microphone.

Playable Discs

Blu-ray Disc	BD-ROM[1] BD-R/BD-RE[2]
DVD[3]	DVD-ROM DVD-R/DVD-RW DVD+R/DVD+RW
CD[3]	CD-DA (Music CD) CD-ROM CD-R/CD-RW

[1] Since Blu-ray Disc specifications are new and evolving, some discs may not be playable depending on the disc type and version. Also, the audio output differs depending on the source, connected output jack, and selected audio settings.

[2] BD-RE: Ver.2.1
BD-R: Ver.1.1, 1.2, 1.3 including organic pigment type BD-R (LTH type)
BD-Rs recorded on a PC cannot be played if postscripts are recordable.

[3] A CD or DVD disc will not play if it has not been correctly finalized. For more information, refer to the operating instructions supplied with the recording device.

Discs that cannot be played

- BDs with cartridge
- BDXLs
- DVD-RAMs
- HD DVDs
- DVD Audio discs
- PHOTO CDs
- Data part of CD-Extras
- Super VCDs
- Audio material side on DualDiscs

Notes on discs

This product is designed to play back discs that conform to the Compact Disc (CD) standard.

DualDiscs and some music discs encoded with copyright protection technologies do not conform to the Compact Disc (CD) standard. Therefore, these discs may not be compatible with this product.

Note on playback operations of a BD/DVD

Some playback operations of a BD/DVD may be intentionally set by software producers. Since this system plays a BD/DVD according to the disc contents the software producers designed, some playback features may not be available.

Note on double-layer BDs/DVDs

The playback picture and sound may be momentarily interrupted when the layers switch.

Region code (BD-ROM/DVD VIDEO only)

Your system has a region code printed on the bottom of the unit and will only play a BD-ROM/DVD VIDEO (playback only) labeled with identical region codes or ⊕.

Playable Types of Files

Video

Video Codec	Container	Extension
MPEG-1 Video[*1]	PS	.mpg, .mpeg
MPEG-2 Video[*2]	PS[*3]	.mpg, .mpeg
	TS[*4]	.m2ts, .mts
Xvid	AVI	.avi
	MKV	.mkv
MPEG4/AVC[*5]	MKV[*1]	.mkv
	MP4[*1]	.mp4, .m4v
	TS[*1]	.m2ts, .mts
	Quick Time[*6]	.mov
	3gpp/ 3gpp2[*6]	.3gp, .3g2, .3gpp, .3gp2
VC1[*1]	TS	.m2ts, .mts
WMV9[*1]	ASF	.wmv, .asf
Motion JPEG[*6]	Quick Time	.mov
	AVI	.avi

Video Format	Container	Extension
AVCHD[*1][*7]	AVCHD Format Folder[*8]	

Music

Audio Codec	Extension
MP3 (MPEG-1 Audio Layer III)	.mp3, .mka[*6]
AAC[*1]	.m4a, .aac[*6], .mka[*6]
WMA9 Standard[*1]	.wma
LPCM	.wav, .mka[*6]
FLAC[*6]	.flac, .fla
AC3[*6]	.ac3, .mka

Photo

Photo Format	Extension
JPEG	.jpeg, .jpg, .jpe
PNG	.png[*9]
GIF	.gif[*9]
MPO	.mpo[*6][*10]

[*1] The system may not play this file format on a DLNA server.
[*2] The system can only play standard definition video on a DLNA server.
[*3] The system does not play DTS format files on a DLNA server.
[*4] The system can only play Dolby Digital format files on a DLNA server.
[*5] The system can support AVC up to Level 4.1.
[*6] The system does not play this file format on a DLNA server.
[*7] The system can play AVCHD Ver.2.0 format (AVCHD 3D/Progressive).
[*8] The system plays AVCHD format files that are recorded on a digital video camera, etc. The AVCHD format disc will not play if it has not been correctly finalized.
[*9] The system does not play animated PNG or animated GIF files.
[*10] For MPO files other than 3D, the key image or the first image is displayed.

Note

- Some files may not play depending on the file format, the file encoding, the recording condition, or DLNA server condition.
- Some files edited on a PC may not play.
- Some files may not be able to perform fast forward or fast reverse function.
- The system does not play coded files such as DRM and Lossless.
- The system can recognize the following files or folders in BDs, DVDs, CDs and USB devices:
  – up to folders in the 9th layer (including the root folder)
  – up to 500 files/folders in a single layer
- The system can recognize the following files or folders stored in the DLNA server:
  – up to folders in the 19th layer
  – up to 999 files/folders in a single layer
- The system can support frame rate:
  – up to 60 fps for AVCHD only.
  – up to 30 fps for other video codecs.

- The system can support video bit rate up to 40 Mbps.
- The system can support video resolution up to 1920 × 1080p.
- Some USB devices may not work with this system.
- The system can recognize Mass Storage Class (MSC) devices (such as flash memory or an HDD), Still Image Capture Devices (SICDs), and 101-key keyboards.
- The system may not play high bit rate video files from a DATA CD smoothly. It is recommended to play high bit rate video files using a DATA DVD or DATA BD.

Supported Audio Formats

Audio formats supported by this system are as follows.

Format	Function	
	"BD/DVD"	"TV" (DIGITAL IN)
LPCM 2ch	○	○
LPCM 5.1ch, LPCM 7.1ch	○	–
Dolby Digital	○	○
Dolby TrueHD, Dolby Digital Plus	○	–
DTS	○	○
DTS-ES Discrete 6.1, DTS-ES Matrix 6.1	○*	○*
DTS96/24	○	○*
DTS-HD High Resolution Audio	○	–
DTS-HD Master Audio	○	–

○: Supported format.

–: Unsupported format.

* Decoded as DTS core.

Note

For LPCM 2ch format, the supported sampling frequency of the digital signal is up to 48 kHz when using the "TV" function.

Specifications

Amplifier Section

POWER OUTPUT (rated)
Front L/Front R:
75 W + 75 W (at 3 ohms, 1 kHz, 1% THD)
POWER OUTPUT (reference)
Front L/Front R/Surround L/Surround R:
125 W (per channel at 3 ohms, 1 kHz)
Center:
250 W (at 6 ohms, 1 kHz)
Subwoofer:
250 W (at 6 ohms, 80 Hz)

Inputs (Analog)
AUDIO IN
Sensitivity: 1 V/400 mV
MIC 1/2
Sensitivity: 10 mV
Inputs (Digital)
TV (Audio Return Channel/OPTICAL)
Supported formats: LPCM 2CH (up to 48 kHz), Dolby Digital, DTS

HDMI Section

Connector
Type A (19pin)

BD/DVD/CD System

Signal format system
NTSC/PAL

USB Section

(USB) port:
Type A (For connecting USB memory, memory card reader, digital still camera, and digital video camera)

LAN Section

LAN (100) terminal
100BASE-TX Terminal

Wireless LAN Section

Standards Compliance
    IEEE 802.11 b/g/n
Frequency and Channel
    2.4 GHz band: channels 1–13

Bluetooth Section

Communication system
    Bluetooth Specification version 3.0
Output
    Bluetooth Specification Power Class 2
Maximum communication range
    Line of sight approx. 10 m[1]
Frequency band
    2.4 GHz band
Modulation method
    FHSS (Freq Hopping Spread Spectrum)
Compatible *Bluetooth* profiles[2]
    A2DP 1.2 (Advanced Audio Distribution
        Profile)
    AVRCP 1.3 (Audio Video Remote
        Control Profile)
Supported Codecs[3]
    SBC[4], AAC
Transmission range (A2DP)
    20 Hz – 20,000 Hz (Sampling frequency
        44.1 kHz, 48 kHz)

[1] The actual range will vary depending on factors
    such as obstacles between devices, magnetic
    fields around a microwave oven, static
    electricity, cordless phone, reception
    sensitivity, antenna's performance, operating
    system, software application, etc.
[2] *Bluetooth* standard profiles indicate the purpose
    of *Bluetooth* communication between devices.
[3] Codec: Audio signal compression and
    conversion format
[4] Subband Codec

FM Tuner Section

System
    PLL quartz-locked digital synthesizer
Tuning range
    87.5 MHz – 108.0 MHz (50 kHz step)
Antenna (aerial)
    FM wire antenna (aerial)

Speakers

Front/Surround (SS-TSB123) for BDV-E6100

Front (SS-TSB123) for BDV-E4100

Dimensions (w/h/d) (approx.)
    100 mm × 650 mm × 100 mm (wall-
        mounted part)
    260 mm × 1,200 mm × 260 mm (whole
        speaker)
Mass (approx.)
    Front: 1.3 kg (wall-mounted part with
        speaker cord)
        2.9 kg (whole speaker)
    Surround: 1.4 kg (wall-mounted part with
        speaker cord)
        3.0 kg (whole speaker)

Front/Surround (SS-TSB122) for BDV-E3100

Surround (SS-TSB122) for BDV-E4100

Dimensions (w/h/d) (approx.)
    90 mm × 205 mm × 91 mm
Mass (approx.)
    Front: 0.53 kg (with speaker cord)
    Surround: 0.62 kg (with speaker cord)

Front/Surround (SS-TSB121) for BDV-E2100

Dimensions (w/h/d) (approx.)
    95 mm × 189 mm × 80 mm
Mass (approx.)
    Front: 0.49 kg (with speaker cord)
    Surround: 0.54 kg (with speaker cord)

Center (SS-CTB122) for BDV-E6100/BDV-E4100/BDV-E3100

Dimensions (w/h/d) (approx.)
    240 mm × 90 mm × 85 mm
Mass (approx.)
    0.58 kg (with speaker cord)

Center (SS-CTB121) for BDV-E2100

Dimensions (w/h/d) (approx.)
    225 mm × 84 mm × 75 mm
Mass (approx.)
    0.5 kg (with speaker cord)

Subwoofer (SS-WSB123) for BDV-E6100/BDV-E4100/BDV-E3100

Dimensions (w/h/d) (approx.)
225 mm × 365 mm × 345 mm
Mass (approx.)
5.8 kg (with speaker cord)

Subwoofer (SS-WSB122) for BDV-E2100

Dimensions (w/h/d) (approx.)
220 mm × 305 mm × 255 mm
Mass (approx.)
3.8 kg (with speaker cord)

General

Power requirements
220 V – 240 V AC, 50/60 Hz
Power consumption
On: 95 W
Standby: 0.3 W (For details on the setting, see page 43.)
Dimensions (w/h/d) (approx.)
430 mm × 50.5 mm × 296 mm incl. projecting parts
Mass (approx.)
2.7 kg

Design and specifications are subject to change without notice.

• Standby power consumption: 0.3W
• Over 85% power efficiency of amplifier block is achieved with the full digital amplifier, S-Master.

Additional Information

Language Code List

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

Code	Language	Code	Language	Code	Language	Code	Language
1027	Afar	1183	Irish	1347	Maori	1507	Samoan
1028	Abkhazian	1186	Scots Gaelic	1349	Macedonian	1508	Shona
1032	Afrikaans	1194	Galician	1350	Malayalam	1509	Somali
1039	Amharic	1196	Guarani	1352	Mongolian	1511	Albanian
1044	Arabic	1203	Gujarati	1353	Moldavian	1512	Serbian
1045	Assamese	1209	Hausa	1356	Marathi	1513	Siswati
1051	Aymara	1217	Hindi	1357	Malay	1514	Sesotho
1052	Azerbaijani	1226	Croatian	1358	Maltese	1515	Sundanese
1053	Bashkir	1229	Hungarian	1363	Burmese	1516	Swedish
1057	Byelorussian	1233	Armenian	1365	Nauru	1517	Swahili
1059	Bulgarian	1235	Interlingua	1369	Nepali	1521	Tamil
1060	Bihari	1239	Interlingue	1376	Dutch	1525	Telugu
1061	Bislama	1245	Inupiak	1379	Norwegian	1527	Tajik
1066	Bengali;	1248	Indonesian	1393	Occitan	1528	Thai
	Bangla	1253	Icelandic	1403	(Afan)Oromo	1529	Tigrinya
1067	Tibetan	1254	Italian	1408	Oriya	1531	Turkmen
1070	Breton	1257	Hebrew	1417	Punjabi	1532	Tagalog
1079	Catalan	1261	Japanese	1428	Polish	1534	Setswana
1093	Corsican	1269	Yiddish	1435	Pashto;	1535	Tonga
1097	Czech	1283	Javanese		Pushto	1538	Turkish
1103	Welsh	1287	Georgian	1436	Portuguese	1539	Tsonga
1105	Danish	1297	Kazakh	1463	Quechua	1540	Tatar
1109	German	1298	Greenlandic	1481	Rhaeto-	1543	Twi
1130	Bhutani	1299	Cambodian		Romance	1557	Ukrainian
1142	Greek	1300	Kannada	1482	Kirundi	1564	Urdu
1144	English	1301	Korean	1483	Romanian	1572	Uzbek
1145	Esperanto	1305	Kashmiri	1489	Russian	1581	Vietnamese
1149	Spanish	1307	Kurdish	1491	Kinyarwanda	1587	Volapük
1150	Estonian	1311	Kirghiz	1495	Sanskrit	1613	Wolof
1151	Basque	1313	Latin	1498	Sindhi	1632	Xhosa
1157	Persian	1326	Lingala	1501	Sangho	1665	Yoruba
1165	Finnish	1327	Laothian	1502	Serbo-Croatian	1684	Chinese
1166	Fiji	1332	Lithuanian	1503	Singhalese	1697	Zulu
1171	Faroese	1334	Latvian;	1505	Slovak		
1174	French		Lettish	1506	Slovenian		
1181	Frisian	1345	Malagasy			1703	Not specified

Parental Control/Area Code List

Code	Area	Code	Area	Code	Area	Code	Area
2044	Argentina	2109	Germany	2362	Mexico	2499	Sweden
2047	Australia	2200	Greece	2376	Netherlands	2086	Switzerland
2046	Austria	2219	Hong Kong	2390	New Zealand	2543	Taiwan
2057	Belgium	2248	India	2379	Norway	2528	Thailand
2070	Brazil	2238	Indonesia	2427	Pakistan	2184	United
2090	Chile	2239	Ireland	2424	Philippines		Kingdom
2092	China	2254	Italy	2428	Poland		
2093	Colombia	2276	Japan	2436	Portugal		
2115	Denmark	2304	Korea	2489	Russia		
2165	Finland	2333	Luxembourg	2501	Singapore		
2174	France	2363	Malaysia	2149	Spain		

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Numerics

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B

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I

Additional Information

警告

請不要將本裝置安裝在狹窄的空間，例如書架內或嵌入式的櫥櫃。

為減低火災的風險，請不要讓本裝置的通風口被報章、桌布、窗簾等等掩蓋。

不要將本裝置暴露於明火（例如點燃的蠟燭）。

為減低火災或電擊的風險，請不要將本裝置暴露在滴水或濺水下，並不要將盛滿液體的物體，例如花瓶放置在本裝置上。

切勿將電池或安裝了電池的裝置暴露在太過熱的情況下，例如陽光和火。

為了避免傷害，務必根據安裝指示將本裝置穩固地安裝在地面／牆上。

只限室內使用。

小心

與本產品一起使用光學儀器將可能增加眼睛的危害。

由於本 Blu-ray Disc/DVD Home Theatre System 使用的激光束對眼睛有害，請勿嘗試拆卸機殼。

請只向合格維修人員咨詢維修的問題。

CAUTION	CLASS 3R VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EYE EXPOSURE.
VORSICHT	KLASSE 3R SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN GEÖFFNET. UNMITTELBAREN AUGENKONTAKT VERMEIDEN.
ADVARSEL	SYNLIG OG USYNLIG LASERSTRÅLING AF KLASSE 3R VED ÅBNING. UNDGÅ AT SE DIREKTE PÅ STRÅLEN.
ADVARSEL	SYNLIG OG USYNLIG LASERSTRÅLING I KLASSE 3R NÅR DEKSEL ÅPNES. UNNGÅ DIREKTE EKSPONERING AV ØYNENE.
VARNING	KLASS 3R SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. UNDVIK ATT DIREKT EXPONERA ÖGONEN FÖR STRÅLNINGEN.
VARO!	AVATTUNA LUOKAN 3R NÄKYVÄÄ JA NÄKYMÄTÖNTÄ LASERSÄTEILYÄ. VÄLTÄ KATSEEN SUORAA ALTISTAMISTA.
警告	打开时有3R类可见和不可见激光辐射, 避免眼睛受到直射的照射
注意	打開時有第3R類可視及不可視雷射輻射, 避免眼睛直接暴露。

本裝置被歸類為 CLASS 3R LASER 產品。當激光保護罩被打開時會放射可見和看不見的激光輻射，因此務必避免眼睛直接接觸。

此標示位於激光保護罩的外殼內。

```
CLASS 1 LASER PRODUCT
LASER KLASSE 1
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT
1类激光产品
第1類雷射產品
```

本裝置被歸類為 CLASS 1 LASER 產品。此標示位於後方表面。名牌位於外面底部。

預先注意事項

電源

- 只要本機仍然被連接至交流電插座，它仍然還沒有切斷主要電源，即使本機已被關閉。

- 由於電源插頭是用作切斷本機的主要電源，請將本機連接至容易觸及的交流電插座。若您發現本機出現任何不尋常狀況，請立刻將電源插頭從交流電插座拔出。

觀看 3D 視頻圖像

有些人在觀看 3D 視頻圖像時可能會感到不適（眼睛疲勞、疲乏或噁心）。Sony 建議所有觀眾在觀看 3D 視頻圖像時作定期休息。休息的時間長度和頻率因人而異。您必須決定什麼是最適合您的。如果您感到任何不適，您必須停止觀看 3D 視頻圖像直至不適結束；並在認爲有必要時就醫。您也應該仔細閱讀 (i) 與本產品一起使用的任何其它裝置的使用說明書和 / 或警告信息，或本產品播放的藍光影碟內容以及 (ii) 我們的網站
(http://esupport.sony.com/) 以獲取最新的信息。幼兒（尤其是六歲以下的兒童）的視力還處於發育階段。在允許幼兒觀看 3D 視頻圖像之前，請向您的醫生（兒科或眼科醫生）咨詢。
成人應該監督幼兒以確保他們遵從下列的建議。

版權保護

- 請注意藍光影碟和 DVD 媒體使用的高級內容保護系統。這些被稱爲 AACS（高級存取內容系統）和 CSS（內容加擾系統）的系統可能會限制播放、模擬輸出和其它相似的功能。本產品的操作和限制視購買日而可能會有所不同，因 AACS 理事會在您購買後可能採用或改變其限制規則。
- Cinavia 注意事項
  本產品使用 Cinavia 科技限制某些商業生產電影和視頻以及聲帶的未經授權複製。當檢測到未經授權的非法複製，信息會被顯示，同時播放或複製將會被中斷。
  Cinavia 在線消費者信息中心在 http://www.cinavia.com 提供有關 Cinavia 科技的更多詳情。若要以郵件向 Cinavia 索取額外信息，將填寫了您的郵寄地址的明信片寄至：
  Cinavia Consumer Information Center, P.O. Box 86851, San Diego, CA, 92138, USA.

版權和商標

- 本系統採用 Dolby* Digital 和 Dolby Pro Logic 自適應矩陣環繞聲解碼器和 DTS**Digital Surround System.

  * Dolby Laboratories 授權製造。Dolby、Pro Logic 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：5956674；5974380；6226616；6487535；7212872；7333929；7392195；7272567 以及其它已發出和正在申請中的美國和國際專利。DTS-HD、標誌和 DTS-HD 連同其標誌是 DTS, Inc. 的註冊商標。產品包括軟體。© DTS, Inc. 版權所有。

- 本系統採用 High-Definition Multimedia Interface (HDMI™) 技術。HDMI 和 HDMI High-Definition Multimedia Interface 名詞以及 HDMI 標誌是在美國和其它國家的 HDMI Licensing LLC 的商標或註冊商標。
- Java 是 Oracle 和 / 或其聯屬公司的商標。
- "DVD 標誌"是 DVD Format/Logo Licensing Corporation 的商標。
- "Blu-ray Disc"，"Blu-ray"，"Blu-ray 3D"，"BD-LIVE"，"BONUSVIEW"以及其標誌是 Blu-ray Disc Association 的商標。
- "Blu-ray Disc"，"DVD+RW"，"DVD-RW"，"DVD+R"，"DVD-R"，"DVD VIDEO"以及 "CD"標誌是商標。
- "BRAVIA"是 Sony Corporation 的商標。
- "AVCHD 3D/Progressive"和 "AVCHD 3D/Progressive"標誌是 Panasonic Corporation 和 Sony Corporation 的商標。
- ⫶⫶⫶，"XMB"和 "xross media bar"是 Sony Corporation 和 Sony Computer Entertainment Inc. 的商標。
- "PlayStation"是 Sony Computer Entertainment Inc. 的註冊商標。

有關本使用說明書

- 本使用說明書內的指示解說遙控器的控制。如果本機上的控制名稱與遙控器相同或類似，您也可以使用本機上的控制。
- 除非文本或插圖另有指定，否則在本手冊中 "光碟" 概括 BD，DVD 或 CD。
- 在本手冊中的指示只限 BDV-E6100，BDV-E4100，BDV-E3100 和 BDV-E2100。BDV-E6100 型號用作說明用途。操作上的任何分別會以文字清楚指明，例如 "只限 BDV-E6100"。
- 有些插圖乃方案圖，可能與實際產品不同。
- 電視機屏幕上顯示的項目視區域而不同。
- 默認設定下被劃線。

目錄

拆開包裝

- 使用說明書
- 快速設定指南
- 揚聲器安裝指南
- 遙控器 (1)
- R6 (AA 型) 電池 (2)
- FM 導線式天線 (1)

- High Speed HDMI cable (1)
  (只限新加坡型號)

只限 BDV-E6100
- 前置揚聲器 (2)

- 環繞揚聲器 (2)

- 中置揚聲器 (1)

- 超低音揚聲器 (1)

- 揚聲器 – 底罩 (4)

- 底座 (4)

- 前置和環繞揚聲器的下部部件 (4)

- 螺絲（大）(4)

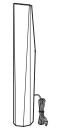

- 螺絲（小）(16)

只限 BDV-E4100
- 前置揚聲器 (2)

- 環繞揚聲器 (2)

- 中置揚聲器 (1)

- 超低音揚聲器 (1)

- 揚聲器 – 底罩 (2)

- 底座 (2)

- 前置揚聲器的下部部件 (2)

- 螺絲（大）(2)

- 螺絲（小）(8)

只限 BDV-E3100
• 前置揚聲器（2）
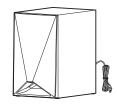
• 環繞揚聲器（2）

• 中置揚聲器（1）

• 超低音揚聲器（1）

只限 BDV-E2100
• 前置揚聲器（2）

• 環繞揚聲器（2）

• 中置揚聲器（1）
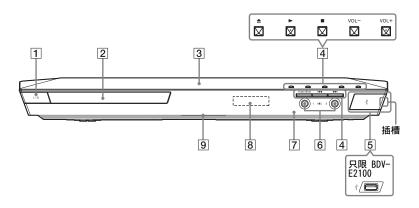
• 超低音揚聲器（1）

部件與控制的指南

有關更多信息，請參閱括號內的頁數。

前面板

只限 BDV-E2100

插槽

1 I/(1)(開／待機)
開啓本機，或設至待機模式。

2 光碟托盤 (第 22 頁)

3 N (N- 標記) (第 27 頁)
放置 NFC 兼容裝置靠近此指示以啓動 NFC 功能。

4 播放操作按鈕
▲(打開／關閉)
▶ a) b) (播放)
■ b) (停止)
VOL +/− a)
|◀◀/▶▶|(上項／下項)
FUNCTION (第 20 頁)
選擇播放源。

a) ▶ 和 VOL + 按鈕有觸點。操作本機時可以使用觸點作為定位。
b) 按住本機上的 ▶ 超過 2 秒鐘, 內置音響演示在系統播放。按 ■ 以停止演示。

註
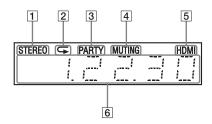
演示進行時, 音量可能比您已設定的音量高。

5 🖖 (USB) 端口 (第 23 頁)
(只限 BDV-E6100/BDV-E4100/BDV-E3100) 將您的手指放進插槽以打開蓋子。

6 MIC 1/2 插孔 (第 24 頁)
連接至麥克風。

7 ▣ (遙感器)

8 前顯示面板

9 LED 指示器
白色：當本機開啓時亮起。
藍色 (顯示 藍牙 狀態)：
– 系統就緒作配對：快速閃爍
– 配對時：快速閃爍
– 連接時：閃爍
– 連接已建立：亮燈

10CT

前顯示面板中的指示器

1 接收到立體聲時亮起。（只限收音機）

2 當重複播放被啟動時亮起。

3 當系統通過 PARTY STREAMING 功能播放時亮起。

4 當靜音開啟時亮起。

5 當 HDMI(OUT) 插孔正確連接至備有 HDMI 或 DVI（數位視頻接口）輸入的 HDCP（高帶寬數位內容保護）兼容設備時亮起。
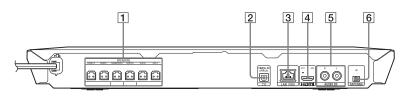
6 顯示系統的狀態，例如無線電頻率等等。

當您按 DISPLAY 時，串流信息 / 解碼狀態在功能設至 "TV" 時顯示。串流信息 / 解碼狀態視被解碼的串流或項目而不會顯示。

註
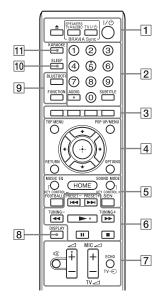
當在 [系統設定] 中的 [主機照明] 設至 [自動]，前顯示面板會在您於大約 10 秒鐘內沒有操作本機時熄燈。

後面板

1 SPEAKERS 插孔 （第 15 頁）

2 TV (DIGITAL IN OPTICAL) 插孔 （第 16 頁）

3 LAN (100) 端子 （第 18 頁）

4 HDMI(OUT) 插孔 （第 16 頁）

5 AUDIO IN (L/R) 插孔 （第 17 頁）

6 ANTENNA (FM) 端子 （第 18 頁）

遙控器

數字 5，AUDIO，⊿ +，和 ▶ 按鈕有觸點。操作遙控器時可以使用觸點作為定位。

- TV ：用於電視機操作
（詳情請參閱 "以附帶遙控器控制您的電視機"（第 38 頁）。）

1 ⏏（打開 / 關閉）
   打開或關閉光碟托盤。

   SPEAKERS TV ←→ AUDIO
   選擇電視機聲音從系統的揚聲器或電視機的揚聲器輸出。此功能只在您將 [HDMI 控制] 設至 [開]（第 44 頁）時運作。

   TV I/⏻（開 / 待機）（第 38 頁）
   TV
   開啓電視機或設至待機模式。

I/⏻（開 / 待機）(第 19，34 頁)
開啓系統或設至待機模式。

2 數字按鈕（第 35，38 頁）
   輸入標題 / 章節號碼、預設電台號碼等等。

   AUDIO（第 33 頁）
   選擇音頻格式 / 曲目。

   SUBTITLE
   當多語言字幕錄製在 BD-ROM/DVD VIDEO 時，選擇字幕語言。

3 顏色按鈕
   在某些 BD 選單上選擇項目的快捷鍵（也可用於 BD 上的 Java 交互操作）。

4 TOP MENU
   打開或關閉 BD 或 DVD 的首選單。

   POP UP/MENU
   打開或關閉 BD-ROM 的彈出式選單或 DVD 選單。

   OPTIONS（第 23，31，39 頁）
   在電視機屏幕上或前顯示面板中顯示選項選單。（位置視所選功能而不同。）

   RETURN
   返回上一個顯示。

   ←/↑/↓/→
   移動高亮顯示至顯示的項目。

   ⊕（輸入）
   輸入所選項目。

5 MUSIC EQ
   聆聽音樂時，選擇預先編程的均衡器。

   KEY CONTROL+/−
   KARAOKE（11），然後按此按鈕以更改一首歌的音調。

   HOME（第 20，36，40 頁）
   進入或退出系統的主選單。

   SOUND MODE（第 21 頁）
   選擇聲音模式。

12CT

FOOTBALL

製造觀看足球比賽廣播的最佳音響。

SEN

進入 "Sony Entertainment Network™" 的網上服務。

6 **播放操作按鈕**

請參閱 "播放"(第 22 頁)。

⏮/⏭ (上項 / 下項)

選擇上一 / 下一章節、曲目或檔案。

◀◀/▶▶ (快 / 慢 / 定幀)

播放時快倒 / 快進。每次您按該按鈕，搜尋速度更換。

在暫停模式中按超過一秒鐘將啟動慢動作播放。

在暫停模式中按下時每次一幀地播放。

註

播放 Blu-ray 3D 影碟時，慢動作倒播和單幀倒播無效。

▶ (播放)

開始或重新開始播放(繼續播放)。

當系統開啟和設至 "BD/DVD" 功能時，啟動單鍵播放 (第 35 頁)。

Ⅱ (暫停)

暫停或重新開始播放。

■ (停止)

停止播放和記下停止點(繼續點)。標題 / 曲目的繼續點是您播放的最後點或照片資料夾中播放的最後一張照片。

停止內置音響演示。

收音機操作按鈕

請參閱 "調諧器"(第 34 頁)。

PRESET+/−

TUNING+/−

7 **⊏✕ (靜音)**

暫時關閉聲音。

⟋ (音量)+/−

調節音量。

MIC ⟋ (音量)+/− (第 24 頁)

KARAOKE (11)，然後按此按鈕以調節麥克風音量。

TV ⟋ (音量)+/− TV

調節電視機音量。

ECHO (第 24 頁)

KARAOKE (11)，然後按此按鈕以調節回音效果的水平。

TV � (TV 輸入) TV

在電視機和其它輸入源之間切換電視機的輸入源。

8 **DISPLAY (第 23, 28, 39 頁)**

在電視機屏幕上顯示播放和網頁瀏覽信息。

在前顯示面板顯示預設收音機電台、頻率等等。

9 **BLUETOOTH**

選擇 "BT" 功能。

當藍色 LED 指示器在 "BT" 功能時熄燈，按此按鈕以開始配對或連接至已配對的 藍牙 裝置。

FUNCTION (第 20 頁)

選擇播放源。

10 **SLEEP (第 37 頁)**

設定睡眠定時器。

11 **KARAOKE (第 24 頁)**

將遙控器設至卡拉 OK 模式並啟動橙色按鈕。
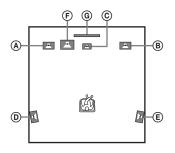
入門

步驟 1: 安裝揚聲器

參閱下圖安裝揚聲器。
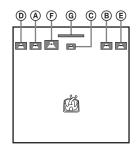
Ⓐ 前置左揚聲器 (L)
Ⓑ 前置右揚聲器 (R)
Ⓒ 中置揚聲器
Ⓓ 環繞左揚聲器 (L)
Ⓔ 環繞右揚聲器 (R)
Ⓕ 超低音揚聲器
Ⓖ 電視機

安裝環繞揚聲器在後方位置
(揚聲器佈置:[標準])

安裝所有揚聲器在前方位置
(揚聲器佈置:[全部前方])

註
• 請務必根據您的揚聲器的放置,選擇揚聲器佈置設定 (第 36 頁)。
• 將揚聲器和 / 或連接至揚聲器的揚聲器支架放置在特別加工過的 (打蠟、上油、磨光等等) 地面上時須小心,因可能造成染色或褪色。
• 切勿倚靠或懸掛揚聲器,揚聲器可能倒下。

提示
您可將揚聲器安裝在牆上。詳情請參閱附帶的 "揚聲器安裝指南"。

步驟 2：連接系統

在未完成所有其它連接之前，切勿將本機的交流電源線連接至牆壁插座（幹線）。
（只限 BDV-E6100/BDV-E4100）要組裝揚聲器，請參閱附帶的 "揚聲器安裝指南"。
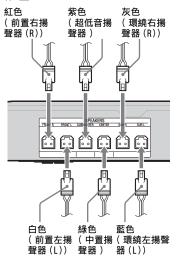
註

當您連接其它備有音量控制的設備時，將該設備的音量調至聲音不會失真的水平。

連接揚聲器
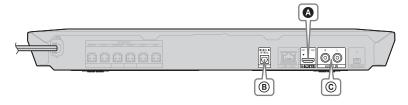
將揚聲器線配對連接本機 SPEAKERS 插孔的顏色。
連接至本機時，將連接器插入直至鎖入其位置。

紅色（前置右揚聲器 (R))	紫色（超低音揚聲器）	灰色（環繞右揚聲器 (R))

SPEAKERS
FRONT R   FRONT L   SUBWOOFER   CENTER   SUR R   SUR L

白色（前置左揚聲器 (L))	綠色（中置揚聲器）	藍色（環繞左揚聲器 (L))
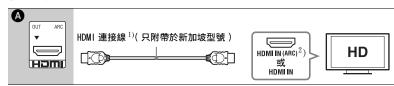
連接電視機

根據您的電視機的輸入插孔，選擇以下其中一個連接方式。
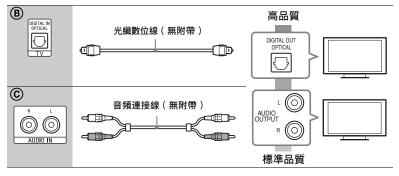
視頻連接

[1] High Speed HDMI cable
[2] 如果您的電視機的 HDMI IN 插孔與 ARC（音頻回傳信道）功能兼容，數位音頻信號可通過 HDMI 連接線的連接從電視機輸出。有關 ARC 功能的設定，請參閱 [Audio Return Channel]（第 44 頁）。

音頻連接

如果您沒有將系統連接至與 ARC 功能兼容的電視機 HDMI 插孔，請進行適當的音頻連接以通過系統的揚聲器聆聽電視機聲音。

連接其它設備（數碼電視接收器等等）

如下圖所示連接系統，以便從系統和其它設備的視頻信號可以輸出至電視機，以及從設備的音頻信號可以輸出至系統。

根據設備的插孔類型，選擇以下其中一個連接方式。

註

- 如果您進行以上其一連接，將 [系統設定] 的 [HDMI 設定] 中的 [HDMI 控制] 設至 [關]（第 44 頁）。
- 您可選擇 "AUDIO" 功能作爲連接以享受設備的聲音 B。

17CT

連接天線

**FM 導線式天線
（附帶）**

• 請務必完全伸直 FM 導線式天線。
• 連接 FM 導線式天線後，請儘量將它保持水平。
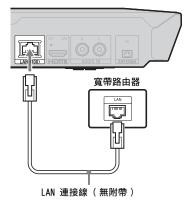
步驟 3: 準備進行網絡連接

提示

要將系統連接至您的網絡，執行［簡易網路設定］。詳情請參閱 "步驟 4: 進行輕鬆設定"（第 19 頁）。

根據您的 LAN（局域網）環境選擇方式。
• 如果您使用無線 LAN
  系統有內置 Wi-Fi，您可進行網絡設定將系統連接至網絡。
• 如果您除了使用無線 LAN
  使用 LAN 連接線連接至本機上的 LAN（100）端子。

寬帶路由器

LAN 連接線（無附帶）

提示

建議使用直連或交叉型的屏蔽接口連接線（LAN 連接線）。

進行網絡設定之前

當您的無線 LAN 路由器（接入點）與 Wi-Fi Protected Setup(WPS) 兼容時，您可使用 WPS 按鈕簡易地設置網絡設定。

否則，預先檢查以下信息並記錄在以下提供的空位中。

• 標識您的網絡的網絡名稱 (SSID*)**。

• 如果網絡安全設定於您的無線網絡，安全密鑰 (WEP 密鑰，WPA 密鑰)**。

* SSID (服務集標識符)是標識特定無線網絡的名稱。
** 您需檢查您的無線 LAN 路由器設定以獲取有關 SSID 和安全密鑰的信息。詳情：
 − 瀏覽以下網站：
  歐洲和俄羅斯的用戶：
  http://support.sony-europe.com/
  其它國家 / 區域的用戶：
  http://www.sony-asia.com/section/support
 − 請參閱無線 LAN 路由器附帶的使用說明書
 − 向無線 LAN 路由器的廠家咨詢

有關無線 LAN 的安全

通過無線 LAN 功能的通訊是由無線電波建立，無線信號因此易受截取。為了保護無線通訊，本系統支援各種安全功能。務必根據您的網絡環境正確配置安全設定。

■ 沒有安全

雖然您可以簡易地進行設定，任何人即使沒有任何尖端的工具也可截取無線通訊或侵入您的無線網絡。緊記未經授權的存取或截取數據的風險是存在的。

■ WEP

WEP 應用安全於通訊以防止外界截取通訊或侵入您的無線網絡。WEP 是傳統的安全技術，使不支援 TKIP/AES 的較舊設備也可被連接。

■ WPA-PSK (TKIP)，WPA2-PSK (TKIP)

TKIP 是針對 WEP 不足之處而開發的安全技術。TKIP 的安全級別比 WEP 更高。

■ WPA-PSK (AES)，WPA2-PSK (AES)

AES 安全技術採用不同於 WEP 和 TKIP 的先進安全方法。AES 的安全級別比 WEP 或 TKIP 更高。

步驟 4：進行輕鬆設定

進行步驟 4 之前

確保所有連接穩固，然後連接交流電源線。

遵從下列的步驟為系統進行基本調節和網絡設定。
顯示的項目視區域而不同。

1 按照電池上的 ⊕ 和 ⊖ 與電池盒內的標記配對插入兩枚 R6(AA 型)電池（附帶）。

2 開啟電視機。

3 按 I/⏻。

19CT
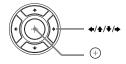
4 開啟電視機上的輸入選擇器以便來自系統的信號出現在電視機屏幕上。

[簡易初始設置]的 OSD 語言選擇畫面出現。

```
📺 簡易初始設置 - 螢幕顯示語言

    選擇要由本機顯示的語言。

                    English
                    Français
                    Español            ▶
                    Português
```

5 進行 [簡易初始設置]。遵從在屏指示使用 ◆/◆/◆/◆ 和 ⊕ 進行基本設定。

◆/◆/◆/◆
⊕

6 完成[簡易初始設置]之後,按 ◆/◆ 以選擇 [簡易網路設定],然後按 ⊕。

[簡易網路設定]顯示出現。

7 遵從在屏指示使用 ◆/◆/◆/◆ 和 ⊕ 進行網絡設定。

如果系統無法連接至網絡,請參閱 "網絡連接"(第 51 頁)或 "無線 LAN 連接"(第 51 頁)。

要 [簡易網路設定] 顯示再次出現

1 按 HOME。

主選單出現在電視機屏幕上。

2 按 ◆/◆ 以選擇 🎒 [設置]。

3 按 ◆/◆ 以選擇 [簡易網路設定],然後按 ⊕。

步驟 5: 選擇播放源

重複按 FUNCTION 直至您要的功能出現在前顯示面板。

當您按 FUNCTION 一次,當前功能出現在前顯示面板,您之後每次按 FUNCTION,功能如下循環更改。

"BD/DVD" → "USB" → "FM" → "TV" → "BT" → "AUDIO"

功能和播放源

"BD/DVD"
系統播放的光碟或網絡裝置

"USB"
連接至 ψ (USB) 端口的 (第 10 頁) USB 裝置

"FM"
FM 收音機 (第 34 頁)

"TV"
連接至 TV(DIGITAL IN OPTICAL)插孔的設備(電視機等等),或連接至 HDMI (OUT) 插孔與音頻回傳信道功能兼容的電視機 (第 16 頁)

"BT"
藍牙 裝置的音頻內容

"AUDIO"
連接至 AUDIO IN(L/R) 插孔的設備 (第 17 頁)

提示

• 某些功能可以通過按 FUNCTION、◆/◆ 和 ⊕ 在電視機屏幕更改。
• 您也可以按遙控器上的 BLUETOOTH 以選擇 "BT" 功能。

步驟 6: 享受環繞音響

進行之前的步驟後並開始播放，您可簡易地享受針對不同的聲源而預先編程的聲音模式。該些聲音模式將劇場令人振奮和強勁的音響帶入您的家中。

選擇聲音模式

播放時重複按 SOUND MODE 直至您要的模式出現在前顯示面板中或電視機屏幕上。

自動
系統視光碟或聲音串流自動選擇
[Movie] 或 [Music] 以產生音效。
• 2 聲道音源：系統模擬 2 聲道音源的環繞聲並從 5.1 聲道揚聲器輸出聲音。
• 多聲道音源：系統如所錄製從揚聲器輸出聲音。

電影
系統提供觀看電影的最佳音響。

音樂
系統提供聆聽音樂的最佳音響。

數碼音樂增強器
[Digital Music]
系統複製壓縮音頻的加強音響。

夜間
適合晚間觀看電影，減低響亮的聲音卻同時保持清晰的對話。

音響演示
系統提供動聽的音響，適合演示之用。

要從選項選單選擇聲音模式

1 按 OPTIONS 和 ♦/♦ 以選擇 [Sound Mode]，然後按 ⊕。

2 按 ♦/♦ 以選擇聲音模式，然後按 ⊕。

要選擇預編程音樂均衡器

播放時重複按 MUSIC EQ。
您可以根據自己的喜好選擇聲音。
每次您按該按鈕，設定將會如下循環更改。
[Standard] → [Rock] → [Hiphop] → [Electronica]

您也可使用 [Music] 聲音模式中的選項選單選擇音樂均衡器。

註
• 只可在 [聲音效果] 設至 [Sound Mode 開啟] 時選擇聲音模式 (第 42 頁)。當 [聲音效果] 設至非 [Sound Mode 開啟] 時，聲音模式設定無效。
• 當 [卡拉OK模式] 設至 [開] 時，此功能無法運作 (第 24 頁)。

提示
要在多聲道輸出享受例如 CD 的 2 聲道音源，我們建議您選擇 [Auto]。

選擇足球模式

播放時按 FOOTBALL。

[Football] 出現在電視機屏幕上。
觀看足球比賽廣播時，您可體驗置身在體育館的感覺。
要關閉足球模式，再次按 FOOTBALL 以選擇 [Football 關]。聲音模式更換至最後選擇的聲音模式。

註
• 足球模式視音源而可能無法正常操作。
• 當您關閉系統時，足球模式也關閉。

提示
您也可從選項選單選擇足球模式。

播放光碟

有關可播放的光碟，請參閱 "可播放的光碟"（第 52 頁）。

1 開啓電視機上的輸入選擇器以讓來自系統的信號出現在電視機屏幕上。

2 按 ▲，然後將光碟放在光碟托盤上。

3 按 ▲ 以關閉光碟托盤。
播放開始。
如果播放沒有自動開始，選擇
▤ [視訊]、♫ [音樂] 或
◙ [相片] 類別中的 ●，然後按
⊕。

享受 BONUSVIEW/BD-LIVE

某些標記著 "BD-LIVE Logo*" 的
BD-ROM 有額外內容或其它可以下載享用的數據。

* ᴮᴰ⌒LIVE™

1 將 USB 裝置連接至 ∯ (USB) 端口（第 23 頁）。
對於局部存儲，使用 1 GB 或更大的 USB 記憶體。

2 準備 BD-LIVE(只限 BD-LIVE)。
• 將系統連接至網絡 （第 18 頁）。
• 將 [BD 網路連線] 設至 [允許]（第 43 頁）。

3 插入有 BONUSVIEW/BD-LIVE 的
BD-ROM。
操作方式視光碟而不同。請參閱光碟的使用說明書。

提示

要刪除在 USB 記憶體中的數據 , 選擇
▤ [視訊] 中的 [刪除 BD 資料], 然後按
⊕。所有存儲在 buda 資料夾中的數據將被刪除。

享受 Blu-ray 3D

您可享受有 3D 標誌 * 的 Blu-ray 3D 影碟。

* ᴮˡᵘ⁻ʳᵃʸ 3D™

1 準備 Blu-ray 3D 影碟的播放。
• 使用 High Speed HDMI cable 將系統連接至您的 3D 兼容電視機（第 16 頁）。
• 設定 [螢幕設定] 中的 [3D 輸出設定] 和 [3D 的電視機螢幕尺寸設定]（第 40 頁）。

2 插入 Blu-ray 3D 影碟。
操作方式視光碟而不同。請參閱隨光碟附帶的使用說明書。
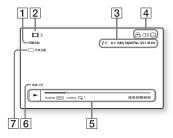
提示

也請參閱您的 3D 兼容電視機的使用說明書。

顯示播放信息

您可按 DISPLAY 以檢查播放信息等等。
顯示信息視光碟類型和系統狀態而不
同。

範例：播放 BD-ROM 時

1 輸出解析度 / 視頻頻率

2 標題號碼或名稱

3 當前選擇的音頻設定

4 可用功能（ <img> 角度， <img> 音頻，
   <img> 字幕）

5 播放信息
   顯示播放模式、播放狀態欄、光碟
   類型、視頻編解碼器、位元率、重
   複類型、已過時間、總播放時間

6 章節號碼

7 當前選擇的角度

自 USB 裝置播放

您可播放在連接 USB 裝置上的視頻 / 音
樂 / 照片檔案。
有關可播放檔案的類型，請參閱
"可播放的檔案類型"（第 53 頁）。

1 將 USB 裝置連接至 <img>（USB）端口。
   連接前請參閱 USB 裝置的使用說明
   書。

2 按 HOME。
   主選單出現在電視機屏幕上。

3 按 ←/→ 以選擇 <img>[視訊]、
   <img>[音樂] 或 <img>[相片]。

4 按 ↑/↓ 以選擇 <img>[USB 裝置]，
   然後按 <img>。

   註

   操作時請勿拔下 USB 裝置。為了避免破
   壞數據或損壞 USB 裝置，在連接或拔下
   USB 裝置前關閉系統。
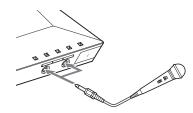
享受卡拉 OK

卡拉 OK 只能與 "BD/DVD"功能（包括
通過網絡播放內容）或 "USB"功能一
起使用。

註

- 爲了避免嚎聲或噪音，在連接麥克風前按
  MIC <img> - 以將麥克風音量設至最低。
- 要將 [卡拉 OK 模式] 設至 [開]，您必須 :
  - 將 [音訊設定] 中的 [聲音效果]
    （第 42 頁）設至 [Sound Mode 開啓]，以
    及
  - 將 [音訊設定] 中的 [音訊輸出]
    （第 42 頁）設至 [喇叭] 或 [喇叭
    +HDMI]

1 將麥克風連接至 MIC 1 或 MIC 2 插孔。

系統進入卡拉 OK 模式。

2 遵從 "播放光碟" (第 22 頁) 或 "自 USB 裝置播放" (第 23 頁) 中的步驟開始音頻播放。

麥克風在以下情形沒有輸出聲音：
– 麥克風沒有正確地連接至本機。
– 麥克風音量設至最低。
– 您使用非單聲道動態類型的麥克風。
  範例：立體聲麥克風、校準類型麥克風

提示

卡拉 OK 的播放是以您使用 AUDIO 選擇的音頻聲道而進行的 (第 33 頁)。

要調節麥克風音量

1 按 KARAOKE。
KARAOKE 按鈕亮起。

2 重複按 MIC ⏴+/– 以調節麥克風音量。

要在沒有連接麥克風時將系統設至卡拉 OK 模式

1 播放時按 OPTIONS。

2 重複按 ♦/♦ 以選擇 [卡拉 OK 模式]，然後按 ⊕。

3 按 ♦/♦ 以選擇 [開]，然後按 ⊕。

要取消卡拉 OK 模式

拔下麥克風，或將 [卡拉 OK 模式] 設至 [關]。

要增加回音效果

1 按 KARAOKE。
KARAOKE 按鈕亮起。

2 重複按 ECHO。

每次您按 ECHO，回音級別將會如下循環更改：

"OFF" → "ECHO 1" →
"ECHO 2" → "ECHO 3"

要取消回音效果，選擇 "OFF"。

註

如果發出嗓聲：
– 將麥克風移離揚聲器。
– 調低麥克風音量或回音級別。
– 調低整體音量。

更改歌曲的音調 (音調控制)

您可更改音調以配合你的音域。

1 按 KARAOKE。
KARAOKE 按鈕亮起。

2 重複按 KEY CONTROL +/– 以調節音調。

您可以 15 步幅 (–7 至 +7) 將音調調節更低或更高。

要從 [音調控制] 選項調節音調

1 按 OPTIONS。

2 重複按 ♦/♦ 以選擇 [音調控制]，然後按 ⊕。

[音調控制] 指示出現在電視機屏幕上。

3 重複按 ♦/♦ 以選擇您要的音調。

註

當您操作系統或系統的狀態改變時，音調可能會自動返回原本音調。

減低非卡拉 OK 源的歌聲（原唱音量控制）

即使是非卡拉 OK 音源，您可減低歌聲以享受立體聲錄製音源的卡拉 OK。

1 在卡拉 OK 模式播放時按 OPTIONS。

2 重複按 ♦/♦ 以選擇[原唱音量控制]，然後按 ⊕。

3 重複按 ♦/♦ 以選擇您要的設定，然後按 ⊕。
[開]：開啟 [原唱音量控制]。
[自動]：檢測到麥克風聲音輸入時自動開啟 [原唱音量控制]。
[關]：關閉。

註

• 此功能視音源而可能無法正常操作。
• 此功能在播放以 Dolby Digital 格式錄製的卡拉 OK 光碟時可使用，然而聲音可能無法正確輸出。

從 *藍牙* 裝置享受音樂

關於 *藍牙* 無線科技

藍牙 無線科技是提供數位裝置之間無線數據通訊的短距離無線科技。*藍牙* 無線科技在大約 10 米的範圍內操作。您不需要像 USB 連接用電線連接，而且您不需要像無線紅外線科技將裝置面對面放置。
藍牙 無線科技是由上千家公司支援的全球標準。這些公司生產符合全球標準的產品。

支援的 *藍牙* 版本和模式

模式是指各種 *藍牙* 產品性能的標準集性能。本系統支援以下的 *藍牙* 版本和模式。
支援的 *藍牙* 版本：
藍牙 規格版本 3.0
支援的 *藍牙* 模式：
A2DP 1.2（高級音頻傳輸模式）
AVRCP 1.3（音頻視頻遠程控制模式）

註

• 要能使用 *藍牙* 功能，連接的 *藍牙* 裝置必須支援與本系統相同的模式。即使裝置支援相同的模式，功能視 *藍牙* 裝置的規格而可能不同。
• 在本系統播放的音頻由於 *藍牙* 無線科技的特性而比此 *藍牙* 裝置慢。

將本系統與 *藍牙* 裝置配對

配對是 *藍牙* 裝置之間的互相預先註冊操作。一旦進行了配對操作，則無需再次配對。

1 將 *藍牙* 裝置放在離本機 1 米內之處。

2 按 BLUETOOTH。
您也可從主選單中的 ⊞ [輸入] 選擇 ⑧ [Bluetooth AUDIO]。

3 設定在配對模式的 *藍牙* 裝置。
有關設定在配對模式的 *藍牙* 裝置詳情，請參閱隨裝置附帶的使用說明書。

4 選擇在 *藍牙* 裝置顯示上的 "BLU-RAY HOME THEATRE SYSTEM"。

在 5 分鐘內進行此步驟，否則配對被取消。

註

如果 *藍牙* 裝置需要密碼，輸入 "0000"。密碼可被稱爲 "Passcode"、"PIN code"、"PIN number" 或 "Password"。

5 配對一旦完成，裝置自動連接至系統。

裝置名稱出現在電視機屏幕上。

註

您可配對多達 9 個 *藍牙* 裝置。如果配對第 10 個 *藍牙* 裝置，最近最少連接的裝置將被新的裝置取代。

6 開始在 *藍牙* 裝置上播放。

7 調節音量。

先調節 *藍牙* 裝置的音量，如果音量仍然太低，調節本機的音量。

要取消配對操作

按 HOME 或 FUNCTION。

從本系統連接 *藍牙* 裝置

您可以從本機連接至 *藍牙* 裝置。
在播放音樂之前檢查以下：
– *藍牙* 裝置的 *藍牙*功能已開啟。
– 配對已完成 (第 25 頁)。

1 按 BLUETOOTH。

註

要連接最近連接的 *藍牙* 裝置，按 ▶。然後繼續步驟 5。

2 按 OPTIONS。

3 重複按 ▲/▼ 以選擇 [裝置清單]，然後按 ⊕。

配對的 *藍牙* 裝置列表出現。

4 重複按 ▲/▼ 以選擇您要的裝置，然後按 ⊕。

5 按 ▶ 以開始播放。

6 調節音量。

先調節 *藍牙* 裝置的音量，如果音量仍然太低，調節本機的音量。

註

一旦本機與 *藍牙* 裝置連接，您可按 ▶、Ⅱ、■、◀◀/▶▶ 和 |◀◀/▶▶| 控制播放。

要切斷 *藍牙* 裝置的連接

按 HOME、FUNCTION 或 RETURN。

要從裝置列表刪除配對的 *藍牙* 裝置

1 遵從以上的 1 至 3 步驟。

2 重複按 ▲/▼ 以選擇裝置，然後按 OPTIONS。

3 重複按 ▲/▼ 以選擇 [移除]，然後按 ⊕。

4 遵從在屏指示使用 ◀/▲/▼/▶ 和 ⊕ 刪除裝置。

註

連接 *藍牙* 裝置時，無法檢測到本系統，而且無法從另一個 *藍牙* 裝置建立連接。

一觸式聆聽功能連接智能手機 (NFC)

將 NFC 兼容的智能手機握近本機上的 Ⓝ，本機和智能手機進入完成配對並自動連接 *藍牙*。

兼容的智能手機
配備內置 NFC 功能的智能手機
(OS: Android 2.3.3 – 4.0.x,
Android 3.x 除外)

什麼是 "NFC"？

NFC（近場通訊）是能使各種裝置例如移動電話和 IC 標籤之間進行短範圍無線通訊的科技。歸功於 NFC 功能，只需將本裝置握近 NFC 兼容裝置上的 N 即可輕鬆進行數據通訊。

1 下載和安裝 "NFC Easy Connect" 應用程序。

"NFC Easy Connect" 是可從 Google Play 獲取的 Android 智能手機的免費應用程序。在網站上使用關鍵字 "NFC Easy Connect" 搜索應用程序，或通過讀取下面的二維碼直接存取下載網站。

請注意，"NFC Easy Connect" 是免費的，但下載時的數據通訊另行收費。

供直接存取的二維碼 *
* 使用二維碼閱讀器應用程序。

註

在某些國家／區域不可使用此應用程序。

2 在智能手機開始 "NFC Easy Connect" 應用程序。

確保應用程序屏幕被顯示。

3 將智能手機握近本機上的 N 直至智能手機振動。

當本機識別智能手機時提供振動提示。

被本機識別後，遵從顯示在智能手機上的在屏指示，並完成 *藍牙* 連接的程序。

當 *藍牙* 連接建立後，在前面板上的藍色 LED 指示器停止閃爍。播放時間出現在前顯示面板中。

註

- 本系統只能一次識別和連接一個 NFC 兼容裝置。
- 視您的智能手機而定，您或許需要預先開啟在您的智能手機上的 NFC 功能。詳情請參閱智能手機的使用說明書。

提示

如果配對和 *藍牙* 連接失敗，進行以下措施。
- 重新啟動 "NFC Easy Connect" 並慢慢將智能手機移過 N。
- 如果使用市售智能手機護套，脫下該護套。

要聆聽音樂

開始播放智能手機上的音源。有關播放操作的詳情，請參閱您的智能手機的使用說明書。

提示

如果音量低，先調節智能手機的音量。如果音量仍然太低，調節本機的音量。

要停止播放

播放在您進行以下任何一個項目時停止：
- 再次將智能手機握近本機上的 N。
- 停止智能手機的音樂播放機。
- 關閉本機或智能手機。
- 更改功能。
- 關閉智能手機的 *藍牙* 功能。

播放

通過網絡播放

享受 Sony Entertainment Network (SEN)

Sony Entertainment Network 是直接將精選的互聯網內容和各種點播娛樂傳送至本機的網關。

提示

- 某些互聯網內容在播放之前需要通過 PC 註冊。有關更進一步的詳情，請瀏覽以下網站：

 歐洲和俄羅斯的用戶：
 http://support.sony-europe.com/

 其它國家 / 區域的用戶：
 http://www.sony-asia.com/section/
 support

- 在某些國家 / 區域不可使用某些互聯網內容。

1 準備 Sony Entertainment Network。
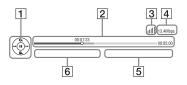
 將系統連接至網絡 （第 18 頁）。

2 按 SEN。

3 按 ◆/◆/◆/◆ 以選擇互聯網內容和各種點播娛樂，然後按 ⊕。

視頻串流控制面板

當視頻檔案開始播放時，控制面板出現。顯示的項目視互聯網內容供應商而可能不同。
要再次顯示，按 DISPLAY。
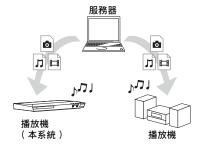
1 控制顯示
 按 ◆/◆/◆/◆ 或 ⊕ 以操作播放。

2 播放狀態欄
 狀態欄、顯示當前位置的游標、播放時間、視頻檔案的時間

3 網絡情況指示器
 ▮▮▮ 顯示無線連接的信號強度。
 ��� 顯示有線連接。

4 網絡傳輸速度

5 下一個視頻檔案的名稱

6 當前選擇的視頻檔案名稱

播放家庭網絡（DLNA）上的檔案

您可將其它 DLNA 認證設備連接至您的家庭網絡以播放在該設備上的視頻 / 音樂 / 照片檔案。

本機可被用為播放機和呈現器。
- 服務器：存儲和分享數位媒體內容
- 播放機：從 DMS 尋找和播放數位媒體內容
- 呈現器：從服務器接收和播放檔案，並可以由另一個設備（控制器）操作
- 控制器：操作呈現器設備

服務器

播放機
（本系統）

播放機

準備使用 DLNA 功能。

- 將系統連接至網絡 （第 18 頁）。
- 準備其它 DLNA 認證設備。詳情請參閱設備的使用說明書。

要通過系統播放存儲在 DLNA 服務器上的檔案（DLNA 播放機）

從主選單中的 ▦ [視訊]、♫ [音樂]
或 ◘ [相片] 選擇 DLNA 服務器圖標，
然後選擇您要播放的檔案。

服務器

播放機
（本系統）

要通過 DLNA 控制器由操作系統（呈現器）播放遠程檔案

您可在播放存儲在 DLNA 服務器上的檔
案時，以 DLNA 認證控制器（移動電話
等等）操作系統。

服務器

呈現器
（本系統）

控制器

有關操作的詳情，請參閱 DLNA 控制器
的使用說明書。

註

切勿同時使用附帶遙控器和 DLNA 控制器操作
系統。

提示

本系統與預裝在 Windows 7 中的 Windows
Media® Player 12 的 "Play To" 功能兼容 。

在不同房間播放相同音樂（PARTY STREAMING）
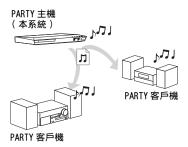
您可同時在所有與 PARTY STREAMING 功
能兼容並連接至您的家庭網絡的 Sony
設備播放相同音樂。
在 ♫ [音樂] 和 "FM"，"BT" 以及
"AUDIO" 功能中的內容可與 PARTY
STREAMING 功能一起使用。

備有兩種 PARTY STREAMING 兼容設備。
• PARTY 主機：播放和傳送音樂。
• PARTY 客戶機：播放從 PARTY 主機接收
  到的音樂。

本機可被用為 PARTY 主機或 PARTY 客戶
機。

PARTY 主機
（本系統）

PARTY 客戶機

PARTY 客戶機

準備 PARTY STREAMING。

• 將系統連接至網絡 （第 18 頁）。
• 連接與 PARTY STREAMING 功能兼容的
  設備。

要使用系統為 PARTY 主機

選擇 ♫ [音樂] 中的曲目, ┏ [收音機] 中的收音機電台, ➡ [輸入] 中的 ◥◣ [AUDIO] 或 ❸ [Bluetooth AUDIO], 按 OPTIONS。然後選擇 [開始 PARTY] 以開始。
要關閉, 按 OPTIONS, 然後選擇 [關閉 PARTY]。

註

如果播放與 PARTY STREAMING 不兼容的内容, 系統自動關閉 PARTY。

要使用系統為 PARTY 客戶機

選擇 ♫ [音樂] 中的 ⟐ [PARTY], 然後選擇 PARTY 主機裝置圖標。
要離開 PARTY, 按 OPTIONS, 然後選擇 [離開 PARTY]。
要關閉 PARTY, 按 OPTIONS, 然後選擇 [關閉 PARTY]。

註

與 PARTY STREAMING 功能兼容的產品銷售和陣容視區域而不同。

使用 TV SideView

TV SideView 是用於遠程裝置 (智能手機等等) 的免費手機應用程序。 與本系統使用 TV SideView, 您可通過操作您的遠程裝置簡易享受本系統。
您可直接從遠程裝置開始一項服務或應用程序, 並在播放光碟時觀看光碟資訊。TV SideView 也可用為遙控器和軟鍵盤。
在您首次與本系統使用 TV SideView 裝置之前, 請務必註冊 TV SideView 裝置。
遵從在 TV SideView 裝置上的在屏指示以進行註冊。

註

只有在主選單出現在電視機屏幕上時, 方可進行註冊。

可用的選項

按 OPTIONS 即可選用各種設定和播放操作。可用項目視情形而不同。

常用的選項

[Sound Mode]
更改聲音模式的設定 （第 21 頁）。

[Football]
開啓或關閉足球模式 （第 21 頁）。

[重複設定]
設定重複播放。

[3D 選單]
[模擬 3D]: 調節模擬的 3D 效果。
[3D 深度調整]: 調節 3D 影像的深度。
[2D 播放]: 設定 2D 影像的播放。

[原唱音量控制]*
減低歌聲音源的水平 （第 25 頁）。

[音調控制]*
更改歌曲的音調 （第 24 頁）。

[卡拉 OK 模式]
將卡拉 OK 模式設至開啓 / 關閉（第 24 頁）。

[播放 / 停止]
開始或停止播放。

[從頭開始播放]
從開始播放項目。

[開始 PARTY]
以所選音源開始派對。
此項目視音源而可能沒出現。

[離開 PARTY]
離開系統正在參與的派對。PARTY STREAMING 功能在其它參與設備繼續。

[關閉 PARTY]
對於 PARTY 主機 : 關閉派對。
對於 PARTY 客戶機 : 關閉系統正在參與的派對。PARTY STREAMING 功能在所有其它參與設備結束。

[變更類別]
在 "BD/DVD"（只限光碟）或 "USB" 功能中的 ▣ [視訊], ♫ [音樂] 和 ● [相片] 類別之間切換。此項目只在分類的顯示列表有效時可用。

* 只在 [卡拉 OK 模式] 設至 [開] 時出現。

只限 ▣ [視訊]

[影音同步]
調節圖像和聲音之間的時間差距（第 32 頁）。

[3D 輸出設定]
設定是否要自動輸出 3D 視頻。

[視訊設定]
• [畫質模式]: 選擇不同照明環境的圖像設定。
• [塊狀雜訊消除]: 減少在圖像中的馬賽克模塊噪音。
• [細部雜訊消除]: 減少在圖像輪廓周圍的輕微噪音 （蚊式噪音）。

[暫停]
暫停播放。

[頂層選單]
顯示 BD 或 DVD 的首選單。

[選單 / 快顯選單]
顯示 BD-ROM 的彈出式選單或 DVD 選單。

[標題搜尋]
搜尋在 BD-ROM/DVD VIDEO 上的標題並從頭開始播放。

[章節搜尋]
搜索章節並從頭開始播放。

[聲音切換]
選擇音頻格式 / 曲目。

[字幕切換]
當多語言字幕錄製在 BD-ROM/DVD VIDEO 時，選擇字幕語言。

[角度]
當多角度錄製在 BD-ROM/DVD VIDEO 時，切換觀看角度。

[IP 內容雜訊消除]
調節互聯網內容的視頻質素。

播放

31^{CT}

只限 ♫ [音樂]

[新增循環撥放 BGM]
註冊在 USB 記憶體中的音樂檔案為幻燈片背景音樂（BGM）。

只限 ■ [相片]

[循環播放]
開始幻燈片。

[循環播放速度]
更改幻燈片的速度。

[循環播放效果]
設定播放幻燈片的效果。

[循環播放 BGM]
• [關]：關閉功能。
• [來自 USB 的我的音樂]：設定註冊在 [新增循環撥放 BGM] 中的音樂檔案。
• [從音樂光碟播放]：設定在 CD-DA （音樂 CD）上的曲目。

[變更顯示]
在 [表格檢視] 和 [清單檢視] 之間切換。

[向左轉動]
以 90 度逆時針方向旋轉照片。

[向右轉動]
以 90 度順時針方向旋轉照片。

[檢視影像]
顯示所選的照片。

調節圖像和聲音之間的延遲時間

(A/V SYNC)

當聲音與電視機屏幕上的圖像不配對時，您可就個功能分別調節圖像和聲音之間的延遲時間。
設定方式視功能而不同。

當非 "BT" 或 "TV" 功能被選時

1 按 OPTIONS。
選項選單出現在電視機屏幕上。

2 按 ♦/♦ 以選擇 [影音同步]，然後按 ⊕。

3 按 ♦/♦ 以調節延遲時間，然後按 ⊕。
您可以從 0 毫秒至 300 毫秒以 25 毫秒增幅調節延遲時間。

當 "TV" 功能被選時

1 按 OPTIONS。
"AV.SYNC" 出現在前顯示面板中。

2 按 ⊕ 或 ♦。

3 按 ♦/♦ 以調節延遲時間，然後按 ⊕。
您可以從 0 毫秒至 300 毫秒以 25 毫秒增幅調節延遲時間。

4 按 OPTIONS。
在前顯示面板中的選項選單關閉。

選擇音頻格式、多語言曲目或聲道

當系統正在播放錄製在多個音頻格式（PCM、Dolby Digital、MPEG audio 或 DTS）的 BD/DVD VIDEO 或多語言曲目時，您可更改音頻格式或語言。

播放 CD 時，您可選擇聲音從右或左聲道輸出並通過兩個右和左揚聲器聆聽所選聲道的聲音。

播放時重複按 AUDIO 以選擇您要的音頻信號。

音頻信息出現在電視機屏幕上。

■ BD/DVD 視頻

視 BD/DVD VIDEO 而定，語言選項不同。

顯示的 4 個數字代表語言代碼。請參閱 "語言代碼列表"（第 57 頁）。當相同的語言顯示兩次或以上，BD/DVD VIDEO 被錄製為多個音頻格式。

■ DVD-VR

錄製在光碟上的聲軌類型被顯示。

範例：
• [♪ 立體聲]
• [♪ 立體聲（音訊 1）]
• [♪ 立體聲（音訊 2）]
• [♪ 主要]
• [♪ 次要]
• [♪ 主 / 次]

註

如果光碟上只錄製一個音頻流，[♪ 立體聲（音訊 1）] 和 [♪ 立體聲（音訊 2）] 不會出現。

■ CD
• [♪ 立體聲]：標準立體聲。
• [♪ 1/左]：左聲道的聲音（單聲道）。
• [♪ 2/右]：右聲道的聲音（單聲道）。
• [♪ L+R]：左和右聲道的聲音從個別揚聲器輸出。

享受多路廣播聲音

(DUAL MONO)

當系統接收或播放 Dolby Digital 多路廣播信號時，您可享受多路廣播聲音。

註

要接收 Dolby Digital 信號，您需使用光纖數位線將電視機或其它設備連接至 TV (DIGITAL IN OPTICAL) 插孔（第 16、17 頁）。
如果您的電視機的 HDMI IN 插孔與音頻回傳信道功能兼容（第 16、44 頁），您可通過 HDMI 連接線接收 Dolby Digital 信號。

重複按 AUDIO 直至您要的信號出現在前顯示面板。

• "MAIN"：主要語言的聲音將會被輸出。
• "SUB"：次要語言的聲音將會被輸出。
• "MN/SUB"：主要和次要語言的混合聲音將會被輸出。

收聽收音機

1 重複按 FUNCTION 直至 "FM" 出現在前顯示面板。

2 選擇收音機電台。

自動調諧
按住 TUNING +/– 直至自動掃描開始。
［自動調諧］出現在電視機屏幕上。當系統調入某個電台時掃描停止。
要取消自動調諧，請按任何按鈕。

手動調諧
重複按 TUNING +/–。

3 重複按 ∠ +/– 以調節音量。

如果某個 FM 節目出現噪音

如果某個 FM 節目出現噪音，您可以選擇單聲道接收。沒了立體聲效果，但是接收更好。

1 按 OPTIONS。
選項選單出現在電視機屏幕上。

2 按 ▲/▼ 以選擇 [FM模式]，然後按 ⊕。

3 按 ▲/▼ 以選擇 [單聲道]，然後按 ⊕。
• [立體聲]：立體聲接收。
• [單聲道]：單聲道接收。

提示

您可以爲每個預設電台個別設定 [FM 模式]。

要關閉收音機
按 I/⏻。

預設收音機電台

您可以預設多達 20 個電台。進行調諧之前，務必先將音量調至最低。

1 重複按 FUNCTION 直至 "FM" 出現在前顯示面板。

2 按住 TUNING +/– 直至自動掃描開始。
當系統調入某個電台時掃描停止。

3 按 OPTIONS。
選項選單出現在電視機屏幕上。

4 按 ▲/▼ 以選擇 [預設記憶]，然後按 ⊕。

5 按 ▲/▼ 以選擇您要的預設號碼，然後按 ⊕。

6 重複步驟 2 至 5 以存儲其它電台。

要更改預設號碼
按 PRESET +/– 選擇您要的預設號碼，然後進行步驟 3 的程序。

選擇預設電台

1 重複按 FUNCTION 直至 "FM" 出現在前顯示面板。

調入最後接收到的電台。

2 重複按 PRESET +/− 以選擇預設電台。

預設號碼和頻率出現在電視機屏幕和前顯示面板。

每次您按該按鈕，系統調入一個預設電台。

提示

- 您可按數字按鈕直接選擇預設電台號碼。
- 每次您按 DISPLAY，在前顯示面板中的顯示如下循環更改：
  頻率 → 預設号码 → 解码状态*
  * 當 [聲音效果] 設至 [Dolby Pro Logic]、[DTS Neo:6 Cinema] 或 [DTS Neo:6 Music] 時出現（第 42 頁）。

其它操作

使用 "BRAVIA" Sync 的 HDMI 控制功能

此功能可在備有 "BRAVIA" Sync 功能的電視機上使用。

通過 HDMI 連接線連接與 HDMI 控制功能兼容的 Sony 設備，操作簡化。

註

要使用 "BRAVIA" Sync 功能，確保在完成 HDMI 連接之後開啓系統和所有連接的設備。

HDMI 控制 − 輕鬆設定

您可通過啓動電視機上的相應設定以自動設定系統的 [HDMI 控制] 功能。

有關 HDMI 控制功能的詳情，請參閱 "[HDMI 設定]"（第 44 頁）

系統關閉

您可以與電視機同步關閉系統。

註

系統在播放音樂或選擇 "FM" 功能時不會自動關閉。

單鍵播放

當您按遙控器上的 ► 時，系統和電視機開啓，電視機的輸入切換至系統連接的 HDMI 輸入。

系統聲音控制

您可以通過簡單的操作享受來自電視機或其它設備的聲音。

您可以如下使用系統聲音控制功能：
- 系統開啓時，電視機或其它設備的聲音可以從系統的揚聲器輸出。
- 當來自電視機或其它設備的聲音通過系統的揚聲器輸出，您可按 SPEAKERS TV◄─►AUDIO 以切換從電視機揚聲器輸出聲音。

調諧器 / 其它操作

35^{CT}

• 當來自電視機或其它設備的聲音通過系統的揚聲器輸出，您可操作電視機以調節音量和關閉系統的聲音。

音頻回傳信道

您可只使用一條 HDMI 連接線通過系統享受電視機的聲音。有關設定的詳情，請參閱 "[Audio Return Channel]"（第 44 頁）。

語言連動

當您更改電視機在屏顯示的語言，系統的在屏顯示語言在關閉然後再開啓系統之後隨著更改。

設定揚聲器

[揚聲器設定]

要獲得最佳的環繞音響，設定揚聲器離您的聆聽位置的距離。然後使用測試音調以調節揚聲器的電平。

1 按 HOME。
   主選單出現在電視機屏幕上。

2 按 ←/→ 以選擇 🔧 [設置]。

3 按 ↑/↓ 以選擇 [音訊設定]，然後按 ⊕。

4 按 ↑/↓ 以選擇 [揚聲器設定]，然後按 ⊕。
   [選擇揚聲器配置。] 顯示出現。

5 按 ↑/↓ 以根據您的揚聲器放置選擇設定，然後按 ⊕。
   • [標準]：環繞揚聲器安裝在後方位置。
   • [全部前方]：所有揚聲器安裝在前方位置。

   註

   [距離] 和 [音量] 的設定在您每次更改揚聲器佈置設定時重設至默認設定。

6 按 ↑/↓ 以選擇項目，然後按 ⊕。

7 按 ↑/↓ 以調節參數。

8 按 ←/→ 和 ⊕ 以確認設定。
   請檢查以下設定。

■ [距離]

務必設定從聆聽位置至揚聲器的距離參數。
您可設 0.0 至 7.0 米為參數。

[前方 左 / 右] 3.0 m：設定前置揚聲器的距離。
[中央] 3.0 m：設定中置揚聲器的距離。
[環繞 左 / 右] 3.0 m：設定環繞揚聲器的距離。
[超重低音] 3.0 m：設定超低音揚聲器的距離。

■ [音量]

您可以調節揚聲器的音響電平。您可設 -6.0 分貝至 +6.0 分貝為參數。務必將 [測試音] 設至 [開] 以方便調節。

[前方 左 / 右] 0.0 dB：設定前置揚聲器的電平。
[中央] 0.0 dB：設定中置揚聲器的電平。
[環繞 左 / 右] 0.0 dB：設定環繞揚聲器的電平。
[超重低音] 0.0 dB：設定超低音揚聲器的電平。

■ [測試音]

揚聲器會發出測試音調以調節 [音量]。

[關]：揚聲器沒有發出測試音調。
[開]：調節電平時，測試音調從各個揚聲器順次發出。當您選擇其中一個 [揚聲器設定] 項目時，測試音調從各個揚聲器順次發出。
如下調節音響電平。

1 將［測試音］設至［開］。

2 按 ▲/▼ 以選擇［音量］，然後按
⊕。

3 按 ▲/▼ 以選擇您要的揚聲器類型，
然後按 ⊕。

4 按 ◄/► 以選擇左或右揚聲器，然後
按 ▲/▼ 以調節電平。

5 按 ⊕。

6 重複步驟 3 至 5。

7 按 RETURN。
系統返回上一個顯示。

8 按 ▲/▼ 以選擇［測試音］，然後按
⊕。

9 按 ▲/▼ 以選擇［關］，然後按 ⊕。

註

測試音調信號不是從 HDMI（OUT）插孔輸出。

提示

要在同一時間調節所有揚聲器的音量，按
∠ +/–。

使用睡眠定時器

您可以設定系統在預設時間關閉，以便
您可在聆聽音樂時睡着。可以 10 分鐘
間隔預設時間。

按 SLEEP。
每次您按 SLEEP，在前顯示面板顯示的
分鐘（剩餘時間）以 10 分鐘更改。

當您設定睡眠定時器，剩餘時間每
5 分鐘出現。
當剩餘時間少於 2 分鐘時，"SLEEP"
在前顯示面板閃爍。

要檢查剩餘時間
按 SLEEP 一次。

要更改剩餘時間
重複按 SLEEP。

使本機上的按鈕無效

（*兒童鎖*）

您可使本機上的按鈕無效（Ι/⏻ 除外）
以避免誤操作，例如孩童搗蛋。

按住本機上的 ∎ 超過 5 秒鐘。
"LOCKED"出現在前顯示面板中。
兒童鎖功能被啓動而本機上的按鈕被鎖
定。（您可使用遙控器操作系統。）
要取消，按住 ∎ 超過 5 秒鐘直至
"UNLOCK"出現在前顯示面板中。

註

如果您在兒童鎖功能開啓時操作在本機上的
按鈕，"LOCKED"在前顯示面板閃爍。

其它操作

37^{*CT*}

以附帶遙控器控制您的電視機

以調節遙控器信號，您可以用附帶遙控器控制您的電視機。

註

當您更換遙控器的電池時，代碼可能重設至默認（SONY）設定。再次設定適當的代碼。

準備遙控器以控制電視機

按下 TV I/⏻ 時，按數字按鈕以輸入您電視機的廠家代碼（請參閱列表）。 然後放開 TV I/⏻ 按鈕。

廠家	代碼
SONY	01（預設）
LG	03, 04
PHILIPS	03, 05
SAMSUNG	02, 03, 04

如果設定失敗，當前註冊的代碼不會更改。再次輸入代碼。
如果多過一個代碼被列出，嘗試逐一輸入代碼直至您找到能與您的電視機操作的代碼。

待機模式中省電

檢查您進行了以下設定：
- [HDMI 設定] 中的 [HDMI 控制] 設至 [關]（第 44 頁）。
- [快速起動模式] 設至 [關]（第 44 頁）。
- [網路設定] 中的 [遙控啓動] 設至 [關]（第 45 頁）。

瀏覽網站

1 **準備瀏覽互聯網。**
將系統連接至網絡（第 18 頁）。

2 **按 HOME。**
主選單出現在電視機屏幕上。

3 **按 ◆/◆ 以選擇 ⊕ [網路]。**

4 **按 ◆/◆ 以選擇 [網際網路瀏覽器]，然後按 ⊕。**
[網際網路瀏覽器] 顯示出現。

註

某些網站可能不正確顯示或不運作。

要輸入 URL

從選項選單選擇 [URL 輸入]。
使用軟鍵盤輸入 URL，然後選擇 [輸入]。

要設定默認啓動頁面

當您要設定的頁面顯示時，從選項選單選擇 [設定為起始頁]。

要返回上一個頁面
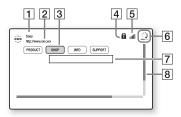
從選項選單選擇 [上一頁]。
當您選擇 [上一頁] 後上一個頁面也不顯示時，從選項選單選擇 [視窗清單]，然後從列表選擇您要返回的頁面。

要退出互聯網瀏覽器

按 HOME。

互聯網瀏覽器顯示

您可按 DISPLAY 以檢查網站信息。顯示信息視網站和頁面狀態而不同。

1 頁面標題

2 頁址

3 游標
按 ◆/▲/◆/➡ 移動。將游標放在您要觀看的鏈接，然後按 ⊕。鏈接的網站顯示。

4 SSL 圖標
當鏈接 URL 安全時出現。

5 信號強度指示器
當系統連接至無線網絡時出現。

6 進度欄 / 加載圖標
當讀取頁面或下載 / 傳輸檔案時出現。

7 文本輸入欄位
按 ⊕，然後從選項選單選擇[輸入] 以打開軟鍵盤。

8 滾動條
按 ◆/▲/◆/➡ 以向左、上、下或右移動頁面顯示。

可用的選項

按 OPTIONS 即可選用各種設定和操作。可用項目視情形而不同。

[瀏覽器設置]
顯示互聯網瀏覽器的設定。
• [縮放]：增大或縮小顯示的內容。
• [JavaScript 設置]：設定是否要啟用或禁用 JavaScript。
• [Cookie 設置]：設定是否要接受瀏覽器小型文字檔案。
• [SSL 警告顯示]：設定是否要啟用或禁用 SSL。

[視窗清單]
顯示當前打開的所有網站的列表。
選擇窗口讓您返回上一個顯示的網站。

[標籤清單]
顯示書籤列表。

[URL 輸入]
當軟鍵盤顯示時讓您輸入 URL。

[上一頁]
移至上一個顯示的頁面。

[下一頁]
移至上一個顯示的下一頁面。

[取消載入]
停止下載頁面。

[重新載入]
重新下載相同的頁面。

[新增至書籤]
將當前顯示的網站添加入書籤列表。

[設定為起始頁]
將當前顯示的網站設為默認啟動頁面。

[另開新視窗]
在新的窗口打開鏈接。

[字元編碼]
設定字符編碼系統。

[顯示認證]
顯示傳自支援 SSL 的頁面的服務器證書。

[輸入]
顯示軟鍵盤以在瀏覽網站時輸入字符。

[換行]
在文本輸入欄位將游標移至下一行。

[刪除]
在文本輸入時刪除游標左方的一個字符。

其它操作

使用設定顯示

您可對例如圖像和聲音的項目進行各種調節。
默認設定下被劃線。

註

存儲在光碟中的播放設定比設定顯示設置優先。因此，某些功能可能無法進行。

1 按 HOME。

主選單出現在電視機屏幕上。

2 按 ←/→ 以選擇 🎒 [設置]。

3 按 ↑/↓ 以選擇設定分類圖標，然後按 ⊕。

圖標	解說
↻	[網路更新](第 40 頁) 更新系統的軟體。
🖥	[螢幕設定](第 40 頁) 根據電視機的類型進行屏幕設定。
🔊	[音訊設定](第 42 頁) 根據連接插孔的類型進行音頻設定。
💿	[BD/DVD 觀賞設定] (第 43 頁) 為 BD/DVD 播放進行詳細設定。
🔒	[分級保護設定] (第 43 頁) 為年齡限制控制功能進行詳細設定。
🖧	[系統設定](第 44 頁) 進行與系統有關的設定。
🌐	[網路設定](第 45 頁) 為互聯網和網絡進行詳細設定。

圖標	解說
🔧 1·2·3	[簡易網路設定] (第 45 頁) 開啓 [簡易網路設定] 以設置基本網絡設定。
↩	[重設](第 45 頁) 將系統重設至出廠設定。

↻ [網路更新]

將軟體更新至最新的版本，您即可利用最新的功能。
有關更新功能的信息，請參閱以下網站：

歐洲和俄羅斯的用戶 :
http://support.sony-europe.com/

其它國家 / 區域的用戶 :
http://www.sony-asia.com/section/
support

軟體更新期間，"UPDATE"出現在前顯示面板中。更新完成之後，本機自動關閉。
更新操作進行中時，不要開啓或關閉本機，或操作本機或電視機。請等待軟體更新完成。

🖥 [螢幕設定]

■[3D 輸出設定]
[自動]: 通常選擇此選項。
[關]: 選擇此選項，所有內容以 2D 顯示。

■[3D 的電視機螢幕尺寸設定]
設定您的 3D 兼容電視機的屏幕尺寸。

■[電視類型]

[16:9]：連接至寬屏電視機或備有寬屏幕模式功能的電視機時選擇此項。
[4:3]：連接至沒有寬屏幕模式功能的 4:3 屏幕電視機時選擇此項。

■[螢幕格式]

[全螢幕]：連接至備有寬屏幕模式功能的電視機時選擇此項。即使在寬屏電視機上以 16:9 高寬比顯示 4:3 屏幕圖像。
[正常]：以圖像原本的高寬比改變圖像大小以配合屏幕尺寸。

■[DVD 長寬比]

[完整格式]：顯示寬屏圖像而頂部和底部有黑色條帶。

[裁切格式]：將側邊被修整了的全高圖像顯示在整個屏幕上。

■[電影轉換模式]

[自動]：通常選擇此選項。本機自動檢測材料是基於視頻或電影，並切換至適當的轉換方法。
[視訊]：無論材料，適合基於視頻材料的轉換方法總是被選。

■[輸出視訊解析度]

[自動]：根據電視機或連接設備的解析度輸出視頻信號。
[原始解析度]：根據錄製在光碟的解析度輸出視頻信號。（當解析度低於 SD 解析度，則將提升至 SD 解析度。）
[480i/576i]*，[480p/576p]*，[720p]，[1080i]，[1080p]：根據所選的解析度設定輸出視頻信號。

* 如果您的光碟的色彩制式是 NTSC，視頻信號的解析度只能轉換為 [480i] 和 [480p]。

■[BD-ROM 24p 輸出]

[自動]：當您通過 HDMI 接線連接 1080/24p 兼容電視機和將 [輸出視訊解析度] 設至 [自動] 或 [1080p] 時，只輸出 24p 視頻信號。
[開]：當您的電視機與 1080/24p 視頻信號兼容時，選擇此項。
[關]：當您的電視機與 1080/24p 視頻信號不兼容時，選擇此項。

■[DVD-ROM 24p 輸出]

[自動]：當您通過 HDMI 接線連接 1080/24p 兼容電視機和將 [輸出視訊解析度] 設至 [自動] 或 [1080p] 時，只輸出 24p 視頻信號。
[關]：當您的電視機與 1080/24p 視頻信號不兼容時，選擇此項。

■[YCbCr/RGB（HDMI）]

[自動]：自動檢測外部設備的類型，並切換至配對的色彩設定。
[YCbCr（4:2:2)]：輸出 YCbCr 4:2:2 視頻信號。
[YCbCr（4:2:2)]：輸出 YCbCr 4:4:4 視頻信號。
[RGB]：當連接備有與 HDCP 兼容的 DVI 插孔時，選擇此項。

41^{CT}

■[HDMI 深層色彩輸出]

[自動]：通常選擇此選項。
[16 位元]，[12 位元]，[10 位元]：
當連接的電視機與 Deep Colour 兼容
時，輸出 16 位元 /12 位 /10 位視頻信
號。
[關]：當圖像不穩定或色彩不自然時，
選擇此項。

■[暫停模式] (只限 BD/DVD VIDEO/ DVD-R/DVD-RW)

[自動]：圖像包括動態移動的主體，
毫無抖動地輸出。通常選擇此位置。
[圖幀]：圖像包括沒動態移動的主體，
以高解析度輸出。

◑ᵣ) [音訊設定]

■[BD 音訊 MIX 設定]

[開]：輸出通過混合交互式音頻和次
音頻至主音頻的音頻。
[關]：只輸出主音頻。

■[音訊 DRC]

您可壓縮聲帶的動態範圍。

[自動]：播放光碟指定的動態範圍
(只限 BD-ROM)。
[開]：系統複製錄音工程師原意的動
態範圍類型的聲帶。
[關]：動態範圍沒被壓縮。

■[降低 - AUDIO]

當您聆聽連接至 AUDIO IN (L/R) 插孔
的設備時，聲音可能失真。您可減弱本
機的輸入水平以避免失真。

[開]：減弱輸入水平。輸出水平在此
設定將減低。
[關]：正常的輸入水平。

■[音訊輸出]

您可選擇音頻信號輸出的方式。

[喇叭]：只從系統的揚聲器輸出多聲
道聲音。
[喇叭 +HDMI]：從系統的揚聲器輸出多
聲道聲音和從 HDMI (OUT)插孔輸出 2
聲道線性 PCM 信號。
[HDMI]：只從 HDMI (OUT)插孔輸出聲
音。聲音格式視連接設備而定。

註

- 當 [HDMI 控制] 設至 [開] (第 44 頁)，
 [音訊輸出] 自動設至 [喇叭 +HDMI]，而
 且此設定無法被更改。
- 當 [音訊輸出] 設至 [HDMI]，"TV"功能的
 輸出信號格式為 2 聲道線性 PCM。

■[聲音效果]

您可以開啓或關閉系統的音響效果
(SOUND MODE 設定 (第 21 頁))。
對於 2 聲道音源，您可選擇 [Dolby
Pro Logic]，[DTS Neo:6 Cinema] 或
[DTS Neo:6 Music] 以模擬環繞聲。

[Sound Mode 開啓]：啓用聲音模式的
環繞效果 (第 21 頁)和足球模式
(第 21 頁)。
[Dolby Pro Logic]：系統模擬 2 聲道
音源的環繞聲並從所有揚聲器 (5.1 聲
道)(Dolby Pro Logic 解碼) 輸出聲
音。
[DTS Neo:6 Cinema]/[DTS Neo:
6 Music]：系統從 2 聲道音源模擬環繞
聲並產生多聲道聲音 (DTS Neo:6 影院
/DTS Neo:6 音樂模式解碼)。
[2ch Stereo]：本系統只從左 / 右前置
揚聲器和超低音揚聲器輸出聲音。多聲
道環繞格式會向下混合為 2 聲道。
[關]：音響效果被禁用。您聆聽到原
本錄製的聲音。

■[揚聲器設定]

要獲得最佳的環繞聲，設定揚聲器。
詳情請參閱 "設定揚聲器"。
(第 36 頁)

■[Bluetooth AUDIO - AAC]

您可啟用和禁用 AAC 音頻。
[開]: AAC 音頻若 *藍牙* 裝置支援 AAC。
[關]: SBC 音頻。

註

在 AAC 啓用時，您可以享受高品質的聲音。在無法從您的裝置聽到 AAC 聲音的情形時，選擇 [關]。

⚙️ [BD/DVD 觀賞設定]

■[BD/DVD 選單語言]

您可選擇 BD-ROM 或 DVD VIDEO 的默認選單語言。
當您選擇 [選擇語言代碼]，供輸入語言代碼的顯示出現。請參閱 "語言代碼列表"（第 57 頁）以輸入您的語言的代碼。

■[聲音語言]

您可選擇 BD-ROM 或 DVD VIDEO 的默認曲目語言。
當您選擇 [原音]，在光碟中的優先語言被選。
當您選擇 [選擇語言代碼]，供輸入語言代碼的顯示出現。請參閱 "語言代碼列表"（第 57 頁）以輸入您的語言的代碼。

■[字幕語言]

您可選擇 BD-ROM 或 DVD VIDEO 的默認字幕語言。
當您選擇 [選擇語言代碼]，供輸入語言代碼的顯示出現。請參閱 "語言代碼列表"（第 57 頁）以輸入您的語言的代碼。

■[BD 混合式光碟播放層]

[BD]: 播放 BD 膜層。
[DVD/CD]: 播放 DVD 或 CD 膜層。

■[BD 網路連線]

[允許]: 通常選擇此選項。
[不允許]: 禁止互聯網連接。

🔒 [分級保護設定]

■[密碼]

設定或更改年齡限制控制功能的密碼。密碼讓您為 BD-ROM、DVD VIDEO 或互聯網視頻播放設定限制。如有必要，您可區分 BD-ROM 和 DVD VIDEO 的限制級別。

■[分級保護區碼]

有些 BD-ROM 或 DVD VIDEO 的播放可根據地理區域而限制。場景可被攔截或以不同的場景取代。遵從在屏指示並輸入您的 4 位數密碼。

■[BD 分級保護]/[DVD 分級保護]/[網際網路視訊分級保護]

設定年齡限制控制，場景可被攔截或以不同的場景取代。遵從在屏指示並輸入您的 4 位數密碼。

■[未分級網際網路視訊]

[允許]: 允許播放未評級的互聯網視頻。
[阻止]: 攔截播放未評級的互聯網視頻。

🔧 [系統設定]

■ [螢幕顯示語言]
您可選擇您要的系統在屏顯示語言。

■ [主機照明]
[開]: 前顯示面板經常開啓而 LED 指示器的亮度最高。
[自動]: 如果您在大約 10 秒鐘內沒有操作系統，前顯示面板關閉而 LED 指示器的亮度自動減低。

■ [HDMI 設定]
[HDMI 控制]
[開]: 開啓 [HDMI 控制] 功能。您可在以 HDMI 連接線連接的設備之間相互操作。
[關]: 關閉。

[Audio Return Channel]
此功能在您將系統連接至與音頻回傳信道功能兼容的電視機 HDMI IN 插孔以及 [HDMI 控制] 設至 [開] 時有效。
[自動]: 系統可通過 HDMI 連接線自動接收電視機的數位音頻信號。
[關]: 關閉。

■ [快速起動模式]
[開]: 縮短從待機模式啓動的時間。
您可在開啓系統後快速操作系統。
[關]: 默認設定。

■ [自動待機模式]
[開 : 開啓 [自動待機模式] 功能。當您在大約 30 分鐘內沒有操作系統，系統自動進入待機模式。
[關]: 關閉。

■ [自動顯示]
[開]: 在更換觀看標題、圖像模式、音頻信號等等時自動在屏幕上顯示信息。
[關]: 只在您按 DISPLAY 時顯示信息。

■ [螢幕保護程式]
[開]: 開啓屏幕保護程序功能。
[關]: 關閉。

■ [軟體更新通知]
[開]: 設定系統告知您有關最新軟體版本的信息 （第 40 頁）。
[關]: 關閉。

■ [系統資訊]
您可顯示系統的軟體版本信息和 MAC 地址。

■ [軟體授權資訊]
您可顯示軟體許可證信息。

⊕ [網路設定]

■ [網際網路設定]
預先將系統連接至網絡。詳情請參閱
"步驟 3：準備進行網絡連接"
（第 18 頁）。

[有線設置]：當您使用 LAN 連接線連接寬帶路由器時，選擇此項。
[無線設置 （內建）]：當您使用系統的內置無線 LAN 進行無線網絡連接時，選擇此項。

提示
有關進一步詳情，請瀏覽以下網站並查看常見問題 (FAQ)：

歐洲和俄羅斯的用戶：
http://support.sony-europe.com/

其它國家 / 區域的用戶：
http://www.sony-asia.com/section/
support

■ [網路連線狀態]
顯示當前網絡連接的狀態。

■ [網路連線診斷]
您可以進行網絡診斷以檢查網絡是否正確連接。

■ [連線伺服器設定]
設定是否要顯示連接的 DLNA 服務器。

■ [Renderer 設定]
[自動訪問許可]：設定是否要允許從新檢測到的 DLNA 控制器的自動存取。
[智慧選擇]：允許 Sony DLNA 控制器使用紅外線尋找本系統為操作的目標設備。 您可將此功能設為開啟或關閉。
[Renderer 名稱]：顯示系統在網絡的其它 DLNA 裝置上列示的名稱。

■ [Renderer 訪問控制]
設定是否要接受來自 DLNA 控制器的指令。

■ [PARTY 自動開始]
[開]：在與 PARTY STREAMING 功能兼容的網絡裝置要求下，開始 PARTY 或參與現有 PARTY。
[關]：關閉。

■ [登記的遙控裝置]
顯示您已註冊的遠程裝置的清單。

註
要使用此功能，務必進行軟體更新
（第 40 頁）。

■ [遙控啟動]
[開]：當系統處於待機模式時，允許通過網絡連接的裝置開啟系統。
[關]：系統不可被通過網絡連接的裝置開啟。

⊏ [簡易網路設定]
1·2·3

開啟 [簡易網路設定] 以設置基本網絡設定。遵從在屏提示。

⤴ [重設]

■ [重設為原廠預設的設定]
您可選擇設定群組將系統設定重設為廠家默認值。在群組中的所有設定將會被重設。

■ [初始化個人資訊]
您可以刪除存儲在系統中的個人資料。

預先注意事項

關於安全

- 如果有任何固體或液體掉入機殼,請拔出系統並在繼續操作前讓合格的技術人員進行檢查。
- 手濕時切勿觸碰交流電源線。這可能會導致電擊。

電源

若您將長時間不使用系統,請務必將系統從牆壁插座拔出。若要切斷交流電源線,請握住插頭拔出,切勿拉扯電線。

放置

- 將系統放置在通風足夠的地點以避免熱量累積在系統內。
- 本機會在操作時變熱,這不是故障。若您連續以高音量使用本機,機殼頂部、側面和底部的溫度將會飆高。為避免燒傷您自己,切勿觸碰機殼。
- 切勿將本機放置在可能阻擋通風孔的柔軟表面 (地毯、棉被等等)。
- 切勿將系統安裝在例如散熱器、通風道的熱源附近,或受到陽光直射、過多塵埃、機械振動或衝擊的地方。
- 切勿將系統安裝在傾斜的位置。系統只能於水平的位置操作。
- 將系統和光碟遠離有強勁磁鐵的元件,例如微波爐或大型擴音器。
- 切勿將重的物體放在系統上。
- 切勿將金屬物體放在前面板的前面。這可能會限制無線電波的接收。
- 切勿將系統放在使用醫療設備的場所。這可能會導致醫療設備發生故障。
- 如果您使用心臟起搏器或其它醫療裝置,在使用無線 LAN 功能之前,請向您的醫師或醫療裝置的廠家咨詢。

操作

如果將系統從冷的地點搬到溫的地點或放在非常潮濕的房間,濕氣會在本機內部的鏡片上冷凝。如果發生這種情況,系統可能無法正常操作。在此情況下,取出光碟,然後讓系統開啓大約半小時直至濕氣蒸發。

調節音量

聆聽很低電平輸入或沒有音頻信號的部分時,切勿調高音量。如果您這麼做,最高電平部分突然播放時,揚聲器可能損壞。

清理

用稍微浸濕溫和的清潔劑溶液的軟布清洗機殼、面板和控制。切勿使用任何類型的磨蝕性襯墊、擦洗粉或溶劑,例如酒精或苯精。

清潔光碟片,光碟 / 鏡片清潔劑

切勿使用清潔光碟片或光碟 / 鏡片清潔劑 (包括濕的或噴灑類型)。這可能導致裝置故障。

更換部件

在本系統維修的情況下,可保留維修部件以再使用或再循環。

電視機的色彩

如果揚聲器導致電視機屏幕上的顏色不均,關閉電視機,然後在 15 至 30 分鐘之後再開啓。如果顏色不均持續,將揚聲器放置在離電視機更遠的地方。

重要的注意事項

小心:本系統能將靜止的視頻圖像或在屏顯示圖像無限期地保持在電視機屏幕上。如果您讓靜止的視頻圖像或在屏顯示圖像長時間顯示在電視機上,電視機屏幕會有永久損壞的風險。等離子顯示屏電視和投影電視特別容易遭受此風險。

搬移系統

搬移系統之前，確保沒有插入光碟，並從牆壁插座（幹線）拔出交流電源線。

藍牙 通訊

- *藍牙* 裝置彼此之間的距離必須保持在大約 10 米內（無障礙的距離）。在下列情形，實際的通訊範圍可能縮短。
  - 當裝置與 *藍牙* 連接之間有人、金屬物體、牆壁或其它障礙。
  - 無線 LAN 安裝的位置
  - 在使用中的微波爐周圍
  - 其它電磁波發生的地方。
- *藍牙* 裝置和無線 LAN（IEEE 802.11b/g）使用相同的頻率波段（2.4 千兆赫）。當您在有無線 LAN 性能的裝置附近使用 *藍牙* 裝置，電磁干擾可能發生。這可能導致較低的數據傳輸率、噪音或無法連接。 如果發生這種情況，請嘗試以下補救措施：
  - 在離無線 LAN 裝置至少 10 米外使用此機。
  - 當您在 10 米內使用 *藍牙* 裝置時，關閉無線 LAN 設備的電源。
  - 盡量將本機安裝得靠近 *藍牙* 裝置。
- 本機的無線電波廣播可能干擾一些醫療裝置的操作。因爲此干擾可能導致故障，在以下地點請總是關閉本機和 *藍牙* 裝置的電源：
  - 在醫院、火車上、飛機上、加油站以及任何可能存在可燃氣體的地方
  - 靠近自動門或火災報警器
- 本機支援符合 *藍牙* 規格的安全功能以確保使用 *藍牙* 科技通訊時的安全連接。然而，此安全視設定內容和其它因素而可能不足，因此使用 *藍牙* 科技進行通訊時總是要小心。
- Sony 對於在使用 *藍牙* 科技通訊過程中蒙受的損害或信息洩露造成的其它損失概不負責。
- 無法保證所有與本機相同模式的 *藍牙* 裝置之間的 *藍牙* 通訊。

- 與本機連接的 *藍牙* 裝置必須符合 Bluetooth SIG, Inc. 規定的 *藍牙* 規格，而且必須經過認證符合規格。然而，即使裝置符合 *藍牙* 規格，還是有 *藍牙* 裝置基於特性或規格使裝置無法連接，或導致不同的控制方式、顯示或操作。
- 視連接至本機的 *藍牙* 裝置、通訊環境或周圍情形，噪音可能產生或音頻可能被切斷。

如果您有任何關於您的系統的疑問或問題，請向最鄰近的 Sony 經銷商咨詢。

有關光碟的注意事項

處理光碟

- 為了保持光碟的清潔，握住光碟的邊緣。切勿觸摸表面。
- 切勿在光碟上黏貼紙張或膠帶。

- 切勿將光碟曝露於陽光直射或例如熱氣輸送管熱源處，或將之留在停放在陽光直射下的汽車內，車內溫度將會飆高。
- 播放後，將光碟存放在光碟盒內。

清理

- 播放前，用潔淨布清潔光碟。 從中間向外擦拭光碟。

- 切勿使用溶劑，例如苯精稀釋劑、市售清潔劑或用於乙烯基 LP 的防靜電噴霧。

本系統只能播放標準的圓形光碟。使用不標準和非圓形光碟（如卡片、心形或星形）可能會導致故障。

切勿使用附有市售配件例如標籤或環形物的光碟。

故障排除

若您在使用系統時遇到任何以下問題，請在尋求維修之前使用此故障檢修指南以幫助您解決有關問題。若問題持續，請向最鄰近的 Sony 經銷商咨詢。

一般常規

電源沒有開啓。

→ 檢查交流電源線已穩固地連接。

遙控器不能操作。

→ 遙控器和本機之間的距離太遠。
→ 遙控器中的電池電力不足。

即使在您按 ▲ 之後，光碟托盤無法打開使您不能取出光碟。

→ 嘗試以下：
  ① 按住本機上的 ▶ 和 ▲ 超過 5 秒鐘以打開光碟托盤。
  ② 取出光碟。

③ 從牆壁插座（幹線）拔出交流電源線，然後在幾分鐘之後再次連接。

系統無法正常操作。

→ 從牆壁插座（幹線）拔出交流電源線，然後在幾分鐘之後再次連接。

信息

[在網路上找到新的軟體版本。 在 "網路更新" 底下執行更新。] 出現在電視機屏幕上。

→ 請參閱 [網路更新]（第 40 頁） 以將系統更新至最新的軟體版本。

"PRTECT"，"PUSH" 和 "POWER" 交替出現在前顯示面板中。

→ 按 I/⏻ 以關閉系統，然後在 "STBY" 消失之後檢查以下項目。
  - 您是否只使用附帶揚聲器?
  - 本系統的通風孔有否被堵塞?
  - 檢查以上項目和解決所有問題之後，開啓系統。如果在檢查以上所有項目後依然找不出問題起因，請向您最鄰近的 Sony 經銷商咨詢。

"LOCKED" 出現在前顯示面板中。

→ 將兒童鎖功能設至關閉 （第 37 頁）。

"D. LOCK" 出現在前顯示面板中。

→ 請聯絡最鄰近的 Sony 經銷商或當地授權 Sony 服務中心。

"Exxxx"（x 為數字）出現在前顯示面板中。

→ 請聯絡最鄰近的 Sony 經銷商或當地授權 Sony 服務中心並提交錯誤代碼。

⚠ 出現卻沒有任何信息顯示在整個電視機屏幕上。

→ 請聯絡最鄰近的 Sony 經銷商或當地授權 Sony 服務中心。

圖像

沒有圖像或圖像輸出不正確。

→ 檢查您的系統的輸出方式（第 16 頁）。

→ 按住本機上的 ▶ 和 VOL – 超過 5 秒鐘以將視頻輸出解析度重設至最低解析度。

→ 對於 BD-ROM, 檢查 [螢幕設定] 中的 [BD-ROM 24p 輸出]（第 41 頁）設定。

當您以 HDMI 連接線進行連接時, 沒有圖像。

→ 本機連接至不符合 HDCP（高帶寬數位內容保護）的輸入裝置（在前面板中的 "HDMI" 沒有亮起）（第 16 頁）。

圖像的暗區太暗／亮區太亮或不自然。

→ 將 [畫質模式] 設至 [標準]（默認）（第 31 頁）。

圖像噪音出現。

→ 清潔光碟。

→ 如果您的系統通過錄影機輸出圖像至電視機, 一些 BD/DVD 節目的版權保護信號可能會影響圖像質素。如果在您將本機直接連接至電視機後, 問題持續, 請嘗試將本機連接至其它的輸入插孔。

整個電視機屏幕沒有顯示圖像。

→ 檢查 [螢幕設定] 中的 [電視類型] 設定（第 41 頁）。

→ 光碟上的高寬比是固定的。

顏色不均出現在電視機屏幕上。

→ 如果揚聲器與 CRT 電視或投影機一起使用, 將揚聲器安裝在離電視機至少 0.3 米之處。

→ 如果顏色不均持續, 關閉電視機, 然後在 15 至 30 分鐘之後再開啓。

→ 請確保沒有磁性的物體（電視機支架上的磁性鎖、醫療保健裝置、玩具等）置於揚聲器附近。

聲音

沒有聲音。

→ 揚聲器線連結不穩固。

→ 檢查揚聲器設定（第 36 頁）。

使用音頻回傳信道功能時, 通過 HDMI（OUT）插孔, 電視機沒有發出聲音。

→ 將 [系統設定] 的 [HDMI 設定] 中的 [HDMI 控制] 設至 [開]（第 44 頁）。此外, 將 [系統設定] 的 [HDMI 設定] 中的 [Audio Return Channel] 設至 [自動]（第 44 頁）。

→ 確定電視機與音頻回傳信道功能兼容。

→ 確定 HDMI 連接線連接至與音頻回傳信道功能兼容的電視機插孔。

當連接至數碼電視接收器時, 系統沒有正確輸出電視節目的聲音。

→ 將 [系統設定] 的 [HDMI 設定] 中的 [Audio Return Channel] 設至 [關]（第 44 頁）。

→ 檢查連接（第 17 頁）。

聽到嚴重的嗡嗡聲或噪音。

→ 將您的音頻設備搬離電視機。

→ 清潔光碟。

當您播放 CD 時, 聲音失去立體聲效果。

→ 按 AUDIO 以選擇立體聲（第 33 頁）。

聲音只從中置揚聲器輸出。
→ 視光碟而定，聲音只從中置揚聲器輸出。

沒有聲音或只從環繞揚聲器聽到極細微的聲音。
→ 檢查揚聲器連接和設定（第 15、36 頁）。
→ 檢查聲音模式設定（第 21 頁）。
→ 視音源而定，環繞揚聲器的效果可能不明顯。
→ 播放 2 聲道音源。

連接設備的聲音失真。
→ 設定［降低 - AUDIO］（第 42 頁）以減低連接設備的輸入水平。

突然聽到響亮的音樂。
→ 內置音響演示被啟動。按 ∠ – 以調低音量或按 ■ 以停止演示。

調諧器

無法調入電台。
→ 檢查天線是否連接穩固。調節天線。
→ 電台的信號強度太弱（當使用自動調諧進行調諧）。使用手動調諧。

播放

光碟無法播放。
→ BD/DVD 上的區域代碼與系統不配對。
→ 濕氣在本機內冷凝並可能導致鏡片損壞。取出光碟，然後讓系統開啟大約半小時。
→ 系統無法播放未正確最終化的錄製光碟（第 52 頁）。

檔案名稱顯示不正確。
→ 系統只可顯示符合 ISO 8859-1 的字符格式。其它的字符格式可能會顯示不同。

→ 視所使用的刻錄軟體，輸入的字符可能會顯示不同。

光碟不是從開始播放。
→ 繼續播放被選。按 OPTIONS 並選擇［從頭開始播放］，然後按 ⊕。

播放不是從您最後停止播放的繼續點開始。
→ 視光碟而定，在以下情況，繼續點可從記憶被刪除
  • 您打開光碟托盤。
  • 您斷開 USB 裝置的連接。
  • 您播放其它內容。
  • 您關閉本機。

聲帶 / 字幕的語言或角度無法被更改。
→ 嘗試使用 BD 或 DVD 的選單。
→ 播放的 BD 或 DVD 沒有錄製多語言曲目 / 字幕或多角度。

包含在 BD-ROM 的額外內容或其它數據無法被播放。
→ 嘗試以下：
  ① 取出光碟。
  ② 關閉系統。
  ③ 取出和再次連接 USB 裝置（第 23 頁）。
  ④ 開啟系統。
  ⑤ 插入有 BONUSVIEW/BD-LIVE 的 BD-ROM。

USB 裝置

USB 裝置不被識別。
→ 嘗試以下：
  ① 關閉系統。
  ② 取出和再次連接 USB 裝置。
  ③ 開啟系統。
→ 確保 USB 裝置穩固地連接至 ⊻ (USB) 端口。
→ 檢查 USB 裝置或連接線是否損壞。
→ 檢查 USB 裝置是否開啟。

→ 如果通過 USB 集線器連接 USB 裝置，切斷連接，然後將 USB 裝置直接連接至本機。

BRAVIA 互聯網視頻

尤其在快動作或暗的場景時，圖像 / 聲音欠佳 / 某些節目的顯示不細緻。

→ 視互聯網內容供應商而定，圖像 / 聲音質素可能欠佳。
→ 更改連接速度可改善圖像 / 聲音質素。Sony 建議的連接速度為標清視頻至少 2.5 Mbps 和高清視頻至少 10 Mbps。
→ 並非所有的視頻包含聲音。

圖像小。
→ 按 ✦ 以放大。

"BRAVIA" Sync ([HDMI 控制])

[HDMI 控制] 功能無法運作 ("BRAVIA" Sync)。

→ 檢查 [HDMI 控制] 設至 [開]（第 44 頁）。
→ 如果您更改 HDMI 連接，關閉系統然後再次開啟。
→ 如果供電中斷，將 [HDMI 控制] 設至 [關]，然後將 [HDMI 控制] 設至 [開]（第 44 頁）。
→ 檢查以下並參閱隨設備附帶的使用說明書。
  • 連接設備與 [HDMI 控制] 功能兼容。
  • 連接設備的 [HDMI 控制] 功能設定是正確的。

網絡連接

系統無法連接至網絡。

→ 檢查網絡連接（第 18 頁）和網絡設定（第 45 頁）。

無線 LAN 連接

在執行了 [Wi-Fi 保護設置 (WPS)] 之後，您無法將您的 PC 連接至互聯網。

→ 如果您在調節路由器的設定之前使用 Wi-Fi Protected Setup 功能，路由器的無線設定可能自動更改。在這情形下，據此更改您的 PC 的無線設定。

系統無法連接至網絡或網絡連接不穩定。

→ 檢查無線 LAN 路由器是否開啟。
→ 檢查網絡連接（第 18 頁）和網絡設定（第 45 頁）。
→ 視使用環境，包括牆壁材料、無線電波接收狀況或系統和無線 LAN 路由器之間的障礙，可通訊距離可能縮短。移動系統和無線 LAN 路由器使之間的距離拉近。
→ 使用 2.4 千兆赫頻率波段的裝置，例如微波爐、藍牙 或數位無線裝置，可能會干擾通訊。將本機搬離該些裝置，或關閉該些裝置。
→ 無線 LAN 連接視使用環境而可能不穩定，尤其在使用系統的 藍牙 功能的時候。在此情況下，調節使用環境。

您要的無線路由器沒有顯示在無線網絡列表。

→ 按 RETURN 以返回上一個屏幕，並再次嘗試 [無線設置（內建）]。如果仍然檢測不到您要的無線路由器，從網絡列表選擇 [添加新的無線網路]，然後選擇 [手動登記] 以手動輸入網絡名稱（SSID）。

藍牙 裝置

無法進行配對。
→ 將 *藍牙* 裝置移至更靠近本機。
→ 如果在本機周圍有其它的 *藍牙* 裝置，配對無法進行。在此情形下，關閉其它的 *藍牙* 裝置。
→ 將系統自您的 *藍牙* 裝置刪除，然後再次進行配對（第 25 頁）。

無法進行連接。
→ 配對註冊信息已被刪除。再次進行配對操作（第 25 頁）。

沒有聲音。
→ 確保本系統不是離 *藍牙* 裝置太遠，或本系統不受 Wi-Fi 網絡、其它 2.4 千兆赫無線裝置或微波爐的干擾。
→ 檢查本系統與 *藍牙* 裝置之間的 *藍牙* 連接正確。
→ 再次配對本系統和 *藍牙* 裝置。
→ 將系統遠離金屬物體或表面。
→ 確保 "BT" 功能被選。
→ 先調節 *藍牙* 裝置的音量，如果音量仍然太低，調節本機的音量。

跳音或聲音波動，或連接丟失。
→ 本機和 *藍牙* 裝置離得太遠。
→ 如果本機和 *藍牙* 裝置之間有障礙，移開或避開該些障礙。
→ 移開會產生電磁輻射的設備，例如鄰近的無線 LAN、其它 *藍牙* 裝置或微波爐。

卡拉 OK

沒有輸出麥克風聲音。
→ 將 [卡拉 OK 模式] 設至 [開]（第 24 頁）。
→ 將麥克風正確地連接至本機。
→ 連接單聲道動態麥克風。

可播放的光碟

Blu-ray Disc	BD-ROM[1)] BD-R/BD-RE[2)]
DVD[3)]	DVD-ROM DVD-R/DVD-RW DVD+R/DVD+RW
CD[3)]	CD-DA（音樂 CD） CD-ROM CD-R/CD-RW

[1)] 因為藍光影碟的規格仍然很新和在進展中，某些光碟視光碟類型和版本而無法播放。此外，音頻輸出視源、連接的輸出插孔和所選音頻設定而不同。

[2)] BD-RE：版本 2.1
BD-R：版本 1.1，1.2，1.3 包括有機顏料類型 BD-R（LTH 類型 ）
如果可以錄製附錄，無法播放錄製在 PC 的 BD-R。

[3)] 無法播放未正確最終化的 CD 或 DVD 光碟。詳情請參閱隨錄製裝置附帶的使用說明書。

無法被播放的光碟
• 盒式磁帶的 BD
• BDXL
• DVD-RAM
• HD DVD
• DVD 音頻光碟
• PHOTO CD
• CD-Extra 的數據部分
• Super VCD
• DualDisc 的音頻材料面

光碟的注意事項

本產品設計用於播放符合光碟（CD）標準的光碟。

DualDiscs 和一些受版權保護科技編碼的音樂光碟不符合光碟（CD）的標準。因此，這些光碟與本產品可能不兼容。

BD/DVD 播放操作的注意事項

某些 BD/DVD 的播放操作特意由軟體製作商所設定。由於本系統根據軟體製作商設計的光碟內容播放 BD/DVD，某些播放功能可能無效。

雙層 BD/DVD 的注意事項

切換層面時，播放的圖像和聲音可能會暫時中斷。

區域代碼（只限 BD-ROM/ DVD VIDEO）

本機的底部印著您的系統的區域代碼並只能播放標註相同區域代碼或 🌐 的 BD-ROM/DVD VIDEO（只限播放）。

可播放的檔案類型

視頻

視頻編解碼器	容器	副檔名
MPEG-1 視頻 *1	PS	.mpg, .mpeg
MPEG-2 視頻 *2	PS*3	.mpg, .mpeg
	TS*4	.m2ts, .mts
Xvid	AVI	.avi
	MKV	.mkv
MPEG4/AVC*5	MKV*1	.mkv
	MP4*1	.mp4, .m4v
	TS*1	.m2ts, .mts
	Quick Time*6	.mov
	3gpp/ 3gpp2*6	.3gp, .3g2, .3gpp, .3gp2
VC1*1	TS	.m2ts, .mts
WMV9*1	ASF	.wmv, .asf
Motion JPEG*6	Quick Time	.mov
	AVI	.avi

視頻格式	容器	副檔名
AVCHD*1*7	AVCHD 格式資料夾*8	

音樂

音頻編解碼器	副檔名
MP3 (MPEG-1 Audio Layer III)	.mp3, .mka*6
AAC*1	.m4a, .aac*6, .mka*6
WMA9 Standard*1	.wma

音頻編解碼器	副檔名
LPCM	.wav, .mka*6
FLAC*6	.flac, .fla
AC3*6	.ac3, .mka

照片

照片格式	副檔名
JPEG	.jpeg, .jpg, .jpe
PNG	.png*9
GIF	.gif*9
MPO	.mpo*6*10

*1 本系統可能無法在 DLNA 服務器播放此檔案格式。
*2 本系統在 DLNA 服務器只可播放標清視頻。
*3 本系統在 DLNA 服務器不播放 DTS 格式檔案。
*4 本系統在 DLNA 服務器只可播放 Dolby Digital 格式檔案。
*5 本系統可支援 AVC 高達 4.1 級。
*6 本系統在 DLNA 服務器不播放此檔案格式。
*7 本系統可播放 AVCHD 2.0 版本格式（AVCHD 3D/Progressive）。
*8 本系統播放數碼視頻相機等等攝錄的 AVCHD 格式檔案。AVCHD 格式光碟如果沒有正確地被最終化則無法播放。
*9 系統不播放動畫 PNG 或動畫 GIF 檔案。
*10 對於 3D 以外的 MPO 檔案，關鍵圖像或第一圖像被顯示。

註

- 某些檔案視檔案格式、檔案編碼、錄製狀態或 DLNA 服務器狀態而可能無法播放。
- 無法播放一些在 PC 編輯的檔案。
- 某些檔案無法進行快進或快倒功能。
- 系統不播放例如 DRM 和 Lossless 的編碼檔案。
- 系統可識別在 BD, DVD, CD 和 USB 裝置中的以下檔案或資料夾：
  - 多達第 9 層中的資料夾（包括根資料夾）
  - 多達單層中的 500 個檔案 / 資料夾
- 系統可識別存儲在 DLNA 服務器中的以下檔案或資料夾：
  - 多達第 19 層中的資料夾
  - 多達單層中的 999 個檔案 / 資料夾

- 系統可以支援的幀速率：
  - 僅對於 AVCHD, 高達 60 幀每秒。
  - 對於其他視頻編解碼器，高達 30 幀每秒。
- 系統可以支援高達 40 兆位每秒的視頻位元率。
- 系統可以支援高達 1920 × 1080p 的視頻解析度。
- 某些 USB 裝置無法與本系統操作。
- 系統可識別大容量存儲器級別（MSC）裝置（如閃存或 HDD）、靜態影像擷取裝置（SICDs）和 101 鍵的鍵盤。
- 系統可能無法從 DATA CD 流暢播放高位速率的視頻檔案。建議使用 DATA DVD 或 DATA BD 播放高位速率的視頻檔案。

支援的音頻格式

本系統支援的音頻格式如下。

格式	功能	
	"BD/DVD"	"TV" (DIGITAL IN)
LPCM 2ch	○	○
LPCM 5.1ch, LPCM 7.1ch	○	–
Dolby Digital	○	○
Dolby TrueHD, Dolby Digital Plus	○	–
DTS	○	○
DTS-ES Discrete 6.1, DTS-ES Matrix 6.1	○*	○*
DTS96/24	○	○*
DTS-HD High Resolution Audio	○	–
DTS-HD Master Audio	○	–

○：支援的格式。
– ：不支援的格式。
* 解碼為 DTS 核心。

對於 LPCM 2ch 格式，使用 "TV" 功能時所支援的數位信號取樣頻率高達 48 千赫。

規格

擴音器部分
功率輸出（額定）
左前置／右前置：
　　75 瓦 + 75 瓦（3 歐姆，1 千赫，1% 總諧波失真）
功率輸出（參考）
左前置／右前置／左環繞／右環繞：
　　125 瓦（每聲道 3 歐姆，1 千赫）
中置：
　　250 瓦（6 歐姆，1 千赫）
超低音揚聲器：
　　250 瓦（6 歐姆，80 赫）
輸入（模擬）
AUDIO IN
　　敏感度：1 伏特 /400 毫伏
MIC 1/2
　　敏感度：10 毫伏
輸入（數碼）
TV（音頻回傳信道 /OPTICAL）
　　支援的格式：LPCM 2CH（高達 48 千赫），Dolby Digital，DTS

HDMI 部分
連接器
　　類型 A（19 針）

BD/DVD/CD 系統
信號格式系統
　　NTSC/PAL

USB 部分
(USB) 端口：
　　類型 A（用於連接 USB 存儲器，記憶卡讀卡器，數碼靜態相機和數碼視頻相機）

LAN 部分
LAN（100）端子
　　100BASE-TX 端子

無線 LAN 部分
標準符合
　　IEEE 802.11 b/g/n
頻率和聲道
　　2.4 千兆赫波段：聲道 1-13

藍牙 部分
通訊系統
　　藍牙 規格版本 3.0
輸出
　　藍牙 規格功率級別 2
最遠通訊範圍
　　視線大約 10 米 [1]
頻率波段
　　2.4 千兆赫波段
調製方式
　　FHSS（跳頻擴頻）
兼容的 *藍牙* 模式 [2]
　　A2DP 1.2（高級音頻傳輸模式）
　　AVRCP 1.3（音頻視頻遠程控制模式）
支援的編解碼器 [3]
　　SBC [4]，AAC
傳輸範圍（A2DP）
　　20 赫 - 20000 赫
　　（取樣頻率 44.1 千赫，48 千赫）

[1] 實際範圍視各種因素例如裝置之間的障礙物、微波爐周圍的磁場、靜電、無線電話、接收敏感度、天線的性能、操作系統、應用軟體等等而不同。
[2] *藍牙* 標準模式顯示裝置之間的 *藍牙* 通訊用途。
[3] 編解碼器：音頻信號壓縮和轉換格式
[4] 次頻帶編解碼器

FM 調諧器部分
系統
　　PLL 石英－鎖定數位頻率合成器
調諧範圍
　　87.5 兆赫 - 108.0 兆赫（50 千赫步幅）
天線
　　FM 導線式天線

其它信息

揚聲器

BDV-E6100 的前置 / 環繞（SS-TSB123）

BDV-E4100 的前置（SS-TSB123）
尺寸（寬 / 高 / 深）（大約）
　　100 毫米 × 650 毫米 × 100 毫米
　　（壁掛式部分）
　　260 毫米 × 1200 毫米 × 260 毫米
　　（整個揚聲器）
質量（大約）
　　前置：1.3 公斤（配備揚聲器線的壁
　　　　　掛式部分）
　　　　　2.9 公斤（整個揚聲器）
　　環繞：1.4 公斤（配備揚聲器線的壁
　　　　　掛式部分）
　　　　　3.0 公斤（整個揚聲器）

BDV-E3100 的前置 / 環繞（SS-TSB122）

BDV-E4100 的環繞（SS-TSB122）
尺寸（寬 / 高 / 深）（大約）
　　90 毫米 × 205 毫米 × 91 毫米
質量（大約）
　　前置：0.53 公斤（包括揚聲器線）
　　環繞：0.62 公斤（包括揚聲器線）

BDV-E2100 的前置 / 環繞（SS-TSB121）
尺寸（寬 / 高 / 深）（大約）
　　95 毫米 × 189 毫米 × 80 毫米
質量（大約）
　　前置：0.49 公斤（包括揚聲器線）
　　環繞：0.54 公斤（包括揚聲器線）

**BDV-E6100/BDV-E4100/BDV-E3100
的中置（SS-CTB122）**
尺寸（寬 / 高 / 深）（大約）
　　240 毫米 × 90 毫米 × 85 毫米
質量（大約）
　　0.58 公斤（包括揚聲器線）

BDV-E2100 的中置（SS-CTB121）
尺寸（寬 / 高 / 深）（大約）
　　225 毫米 × 84 毫米 × 75 毫米
質量（大約）
　　0.5 公斤（包括揚聲器線）

**BDV-E6100/BDV-E4100/BDV-E3100
的超低音揚聲器（SS-WSB123）**
尺寸（寬 / 高 / 深）（大約）
　　225 毫米 × 365 毫米 × 345 毫米
質量（大約）
　　5.8 公斤（包括揚聲器線）

**BDV-E2100 的超低音揚聲器
（SS-WSB122）**
尺寸（寬 / 高 / 深）（大約）
　　220 毫米 × 305 毫米 × 255 毫米
質量（大約）
　　3.8 公斤（包括揚聲器線）

一般常規
電源需求
　　220 - 240 交流伏特，50/60 赫
耗電量
　　開啓：95 瓦
　　待機：0.3 瓦（有關設定的詳情，
　　請參閱第 38 頁。）
尺寸（寬 / 高 / 深）（大約）
　　430 毫米 × 50.5 毫米 × 296 毫米
　　包括突出的部分
質量（大約）
　　2.7 公斤

設計及規格如有變更，恕不另行通知。

・待機耗電量：0.3 W
・因使用全數字擴音器 S-Master，擴音設
　備的電力效率提高到 85% 以上。

語言代碼列表

語言的拼寫符合 ISO 639：1988 (E/F) 標準。

代碼	語言	代碼	語言	代碼	語言	代碼	語言
1027	Afar	1183	Irish	1347	Maori	1507	Samoan
1028	Abkhazian	1186	Scots Gaelic	1349	Macedonian	1508	Shona
1032	Afrikaans	1194	Galician	1350	Malayalam	1509	Somali
1039	Amharic	1196	Guarani	1352	Mongolian	1511	Albanian
1044	Arabic	1203	Gujarati	1353	Moldavian	1512	Serbian
1045	Assamese	1209	Hausa	1356	Marathi	1513	Siswati
1051	Aymara	1217	Hindi	1357	Malay	1514	Sesotho
1052	Azerbaijani	1226	Croatian	1358	Maltese	1515	Sundanese
1053	Bashkir	1229	Hungarian	1363	Burmese	1516	Swedish
1057	Byelorussian	1233	Armenian	1365	Nauru	1517	Swahili
1059	Bulgarian	1235	Interlingua	1369	Nepali	1521	Tamil
1060	Bihari	1239	Interlingue	1376	Dutch	1525	Telugu
1061	Bislama	1245	Inupiak	1379	Norwegian	1527	Tajik
1066	Bengali;	1248	Indonesian	1393	Occitan	1528	Thai
	Bangla	1253	Icelandic	1403	(Afan)Oromo	1529	Tigrinya
1067	Tibetan	1254	Italian	1408	Oriya	1531	Turkmen
1070	Breton	1257	Hebrew	1417	Punjabi	1532	Tagalog
1079	Catalan	1261	Japanese	1428	Polish	1534	Setswana
1093	Corsican	1269	Yiddish	1435	Pashto;	1535	Tonga
1097	Czech	1283	Javanese		Pushto	1538	Turkish
1103	Welsh	1287	Georgian	1436	Portuguese	1539	Tsonga
1105	Danish	1297	Kazakh	1463	Quechua	1540	Tatar
1109	German	1298	Greenlandic	1481	Rhaeto-	1543	Twi
1130	Bhutani	1299	Cambodian		Romance	1557	Ukrainian
1142	Greek	1300	Kannada	1482	Kirundi	1564	Urdu
1144	English	1301	Korean	1483	Romanian	1572	Uzbek
1145	Esperanto	1305	Kashmiri	1489	Russian	1581	Vietnamese
1149	Spanish	1307	Kurdish	1491	Kinyarwanda	1587	Volapük
1150	Estonian	1311	Kirghiz	1495	Sanskrit	1613	Wolof
1151	Basque	1313	Latin	1498	Sindhi	1632	Xhosa
1157	Persian	1326	Lingala	1501	Sangho	1665	Yoruba
1165	Finnish	1327	Laothian	1502	Serbo Croatian	1684	Chinese
1166	Fiji	1332	Lithuanian	1503	Singhalese	1697	Zulu
1171	Faroese	1334	Latvian;	1505	Slovak		
1174	French		Lettish	1506	Slovenian		
1181	Frisian	1345	Malagasy			1703	未指定

年齡限制控制 / 區域代碼列表

代碼	區域	代碼	區域	代碼	區域	代碼	區域
2044	阿根廷	2109	德國	2362	墨西哥	2499	瑞典
2047	澳大利亞	2200	希臘	2376	荷蘭	2086	瑞士
2046	奧地利	2219	香港	2390	新西蘭	2543	臺灣
2057	比利時	2248	印度	2379	挪威	2528	泰國
2070	巴西	2238	印尼	2427	巴基斯坦	2184	英國
2090	智利	2239	愛爾蘭	2424	菲律賓		
2092	中國	2254	意大利	2428	波蘭		
2093	哥倫比亞	2276	日本	2436	葡萄牙		
2115	丹麥	2304	韓國	2489	俄羅斯		
2165	芬蘭	2333	盧森堡	2501	新加坡		
2174	法國	2363	馬來西亞	2149	西班牙		

索引

其它信息

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The software of this system may be updated in the future. To find out details on any available updates, please visit the following URL.

For customers in Europe and Russia:
http://support.sony-europe.com/

For customers in other countries/regions:
http://www.sony-asia.com/section/support

本系統的軟體日後可能會被更新。 有關任何更新的詳情，請瀏覽以下網址。

歐洲和俄羅斯的用戶：
http://support.sony-europe.com/

其它國家／區域的用戶：
http://www.sony-asia.com/section/support

HDMI

Blu-ray 3D™

dlna CERTIFIED™

Blu-ray Disc™

Java POWERED

http://www.sony.net/

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