

*Pioneer*

**BDP-3220K**

Blu-ray 3D™ PLAYER

Blu-ray 3D™ 播放機



Operating Instructions  
操作手冊



Thank you for buying this Pioneer product. Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.

### CAUTION

TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

D3-4-2-1-1\_B1\_En

### Operating Environment

Operating environment temperature and humidity: +5 °C to +35 °C (+41 °F to +95 °F); less than 85 %RH (cooling vents not blocked)

Do not install this unit in a poorly ventilated area, or in locations exposed to high humidity or direct sunlight (or strong artificial light)

D3-4-2-1-7c\*\_A1\_En

### CAUTION

This product is a class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007, but this product contains a laser diode higher than Class 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.

Refer all servicing to qualified personnel.

CLASS 1 LASER PRODUCT

The following caution label appears on your unit.  
Location: inside of the unit

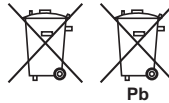
CAUTION – CLASS 2 LASER  
RADIATION WHEN OPEN  
DO NOT STARE INTO THE BEAM

D58-5-2-2b\*\_B1\_En

This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period.

K041\_A1\_En

(Symbol examples for batteries)



These symbols are only valid in the European Union.

K058c\_A1\_En

### WARNING

To prevent a fire hazard, do not place any naked flame sources (such as a lighted candle) on the equipment.

D3-4-2-1-7a\_A1\_En

### VENTILATION CAUTION

When installing this unit, make sure to leave space around the unit for ventilation to improve heat radiation (at least 10 cm at top, 10 cm at rear, and 10 cm at each side).

### WARNING

Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product, and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered with items (such as newspapers, table-cloths, curtains) or by operating the equipment on thick carpet or a bed.

D3-4-2-1-7b\*\_A1\_En

### POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

S002\*\_A1\_En

### WARNING

This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain or moisture.

D3-4-2-1-3\_A1\_En

### **CAUTION**

The **⏻ STANDBY/ON** switch on this unit will not completely shut off all power from the AC outlet. Since the power cord serves as the main disconnect device for the unit, you will need to unplug it from the AC outlet to shut down all power. Therefore, make sure the unit has been installed so that the power cord can be easily unplugged from the AC outlet in case of an accident. To avoid fire hazard, the power cord should also be unplugged from the AC outlet when left unused for a long period of time (for example, when on vacation).

D3-4-2-2-2a\*\_A1\_En

### **Condensation**

If the player is moved suddenly from a cold place into a warm room (in winter, for example) or if the temperature in the room in which the player is installed rises suddenly due to a heater, etc., water droplets (condensation) may form inside (on operating parts and the lens). When condensation is present, the player will not operate properly and playback is not possible. Let the player stand at room temperature for 1 or 2 hours with the power turned on (the time depends on the extent of condensation). The water droplets will dissipate and playback will become possible. Condensation can also occur in the summer if the player is exposed to the direct wind from an air-conditioner. If this happens, move the player to a different place.

S005\_A1\_En

### **Cautions on 3D Viewing**

- **If you should experience any fatigue or discomfort while viewing 3D images, stop viewing them.**
- **Children, particularly those under 6, may be more prone to sensitivity, so guardians should watch for any signs of fatigue or discomfort.**
- **When viewing 3D images, rest periodically.**

Extended viewing of 3D images without rest periods could cause fatigue or discomfort.

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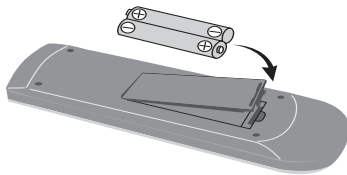
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## What's in the box

- Remote control x 1
- Video/audio cable (yellow/white/red plugs) x 1
- AAA/R03 dry cell batteries x 2
- Power cord
- Software license notice
- Operating instructions (this document)
- Warranty card

## Putting the batteries in the remote control



### 1 Open the rear cover.

### 2 Insert the batteries (AAA/R03 x 2).

Insert as indicated by the ⊕/⊖ marks into the battery compartment.

### 3 Close the rear cover.

Close securely (a click should be heard).

The batteries included with the player have been provided to allow you to check product operation and may not last long. We recommend using alkaline batteries that have a longer life.

### WARNING

- Do not use or store batteries in direct sunlight or other excessively hot place, such as inside a car or near a heater. This can cause batteries to leak, overheat, explode or catch fire. It can also reduce the life or performance of batteries.

### Caution

- Do not use any batteries other than the ones specified. Also, do not use a new battery together with an old one.
- When loading the batteries into the remote control, set them in the proper direction, as indicated by the polarity marks (⊕ and ⊖).

- When inserting the batteries, make sure not to damage the springs on the battery's (⊖) terminals. This can cause batteries to leak or overheat.
- Do not heat batteries, disassemble them, or throw them into flames or water.
- Batteries may have different voltages, even if they look similar. Do not use different kinds of batteries together.
- To prevent leakage of battery fluid, remove the batteries if you do not plan to use the remote control for a long period of time (1 month or more). If the fluid should leak, wipe it carefully off the inside of the case, then insert new batteries. If a battery should leak and the fluid should get on your skin, flush it off with large quantities of water.
- When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.

## Software Update

Product information on this player is provided on the Pioneer website. Check this website for update and service information on your Blu-ray disc player.

*IN Hong Kong:*

<http://www.pioneerhongkong.com.hk/>

*IN Singapore:*

<http://www.pioneer.com.sg/firmwaredownload>

# 01 Types of discs/files that can be played

## Playable discs


Discs with the logo marks below indicated on the disc label, package or jacket can be played.

### ⚠ Caution

- Only the discs that have been finalized can be played.

Disc type	Logo	Application format					
		BDMV	BD-VA	DVD-Video	DVD VR	CD-DA DTS-CD	DATA- DISC <sup>1</sup>
BD <sup>2</sup>	BD-ROM	✓	✓	X	X	X	X
	BD-R	✓	✓	X	X	X	✓
	BD-RE	✓	✓	X	X	X	✓
DVD	DVD-ROM	✓	X	✓	X	X	✓
	DVD-R <sup>2,3,4</sup>	✓ <sup>5</sup>	✓ <sup>6</sup>	✓	✓	X	✓
	DVD-RW <sup>3,7</sup>	✓ <sup>5</sup>	✓ <sup>6</sup>	✓	✓	X	✓
	DVD+R <sup>2,3</sup>	✓	X	✓	X	X	✓
	DVD+RW <sup>3</sup>	✓	X	✓	X	X	✓
	CD-DA (Audio CD) <sup>8</sup>	X	X	X	X	✓	X
	CD-R <sup>3</sup>	X	X	X	X	✓	✓
CD-RW <sup>3</sup>	X	X	X	X	✓	✓	
CD-ROM	X	X	X	X	✓	✓	

1. Discs on which video, image or audio files are recorded. This player does not support multisession discs or multiborder recording.
2. Including dual-layered discs.
3. Including the AVCHD format.
4. DVD-R for Authoring discs (3.95 and 4.7 GB) cannot be played.
5. Including the AVCHD format.
6. Including the AVCREC format.
7. Version 1.0 DVD-RW discs cannot be played.
8. Including Video CDs.

- “Blu-ray Disc”, “Blu-ray” and “Blu-ray Disc” logo are trademarks of Blu-ray Disc Association.
-  is a trademark of DVD Format/Logo Licensing Corporation.

### ❖ Discs that cannot be played

- HD DVDs
- DVD-RAM discs

It is possible that some discs other than the ones listed above may not be playable either.



#### Note

- Some discs cannot be played, even if one of the logo marks on the previous page is indicated.
- To play 8 cm discs, set the disc in the 8 cm disc depression in the center of the disc tray. No adapter is necessary. 8 cm BD-ROMs cannot be played.

### ❖ About playback of unauthorized copies

#### 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.

*Copyright 2004-2010 Verance Corporation. Cinavia™ is a Verance Corporation trademark. Protected by U.S. Patent 7,369,677 and worldwide patents issued and pending under license from Verance Corporation. All rights reserved.*

### ❖ About copyright protection

Copyright protection technology is used for some Blu-ray Discs™, DVDs and contents played over the Internet or other networks. Copyright protection technology restricts playback and analog output. Due to updates in copyright protection provisions, the restrictions may differ depending on the date this product was purchased. Furthermore, the restrictions may be updated when the software is updated after purchase.

### ❖ About audio formats

The following audio formats are supported on this player:

- Dolby TrueHD
- Dolby Digital Plus
- Dolby Digital
- DTS-HD Master Audio

- DTS-HD High Resolution Audio
- DTS Digital Surround
- MPEG audio (AAC)
- Linear PCM

To enjoy the surround sound of Dolby TrueHD, Dolby Digital Plus, DTS-HD Master Audio and DTS-HD High Resolution Audio, it is recommended to connect the player to an AV receiver or amplifier compatible with these audio formats using an HDMI cable. After loading a BD containing sound in one of these audio formats, select the audio format on the menu screen.

*Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.*

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

### ❖ Playing BDs

- BDs (BDMV) compatible with the formats below can be played.
  - Blu-ray Disc Read-Only (ROM) Format Version 2
  - Blu-ray Disc Recordable (R) Format Version 2
  - Blu-ray Disc Rewritable (RE) Format Version 3

This player supports BD-ROM Profile 5.



*“Blu-ray 3D” and “Blu-ray 3D” logo are trademarks of Blu-ray Disc Association.*

BONUSVIEW functions such as playback of secondary video (Picture-in-Picture) and secondary audio can be used. The data used with the BONUSVIEW functions (the secondary video (Picture-in-Picture) and secondary audio data) may be stored in the storage. For details on secondary video and secondary audio playback, refer to the disc’s instructions.

## BONUSVIEW™

*“BONUSVIEW” is trademark of Blu-ray Disc Association.*

BD-LIVE functions such as downloading movie trailers or additional audio and subtitle languages and playing on-line games can be enjoyed over the Internet. The data downloaded with the BD-LIVE function (trailers, etc.) is stored in the storage. Refer to the disc's instructions for details about BD-LIVE functions.



"BD-LIVE" logo is trademark of Blu-ray Disc Association.

With BD-ROMs, it is possible to use BD-J (Java) applications to create highly interactive titles, for example including games.



Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

- BDs (BD-RE) compatible with the formats below can be played.
  - Blu-ray Disc Recordable (R) Format Version 1
  - Blu-ray Disc Rewritable (RE) Format Version 2

## ❖ Playing DVDs



This label indicates playback compatibility with DVD-RW discs recorded in VR format (Video Recording format). However, for discs recorded with a record-only-once encrypted program, playback can only be achieved using a CPRM compatible device.

The AVCHD is a high definition (HD) digital video camera recorder format recording high-definition onto certain media by using highly efficient codec technologies.



"AVCHD" and the "AVCHD" logo are trademarks of Panasonic Corporation and Sony Corporation.

## ❖ About region numbers

Blu-ray Disc Player and BD-ROM or DVD-Video discs are assigned region numbers according to the region in which they are sold.

This player's region numbers are:

- BD-ROM: A
- DVD-Video: 3

Discs not including these numbers cannot be played. Discs playable on this player are as shown below.

- BDs: A (including A) and ALL
- DVDs: 3 (including 3) and ALL

## ❖ Playing CDs

Regarding copy protected CDs: This player is designed to conform to the specifications of the Audio CD format. This player does not support the playback or function of discs that do not conform to these specifications.

## ❖ DualDisc playback

A DualDisc is a two-sided disc, one side of which contains DVD content — video, audio, etc. — while the other side contains non-DVD content such as digital audio material.

The DVD side of a DualDisc can be played on this player. The non-DVD, audio side of the disc is not compatible with this player.

It is possible that when loading or ejecting a DualDisc, the opposite side to that being played will be scratched. Scratched discs may not be playable.

For more detailed information on the DualDisc specification, please refer to the disc manufacturer or disc retailer.

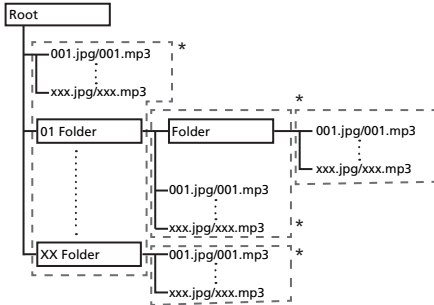
## ❖ Playing discs created on computers or BD/DVD recorders

- It may not be possible to play discs recorded using a computer due to the application settings or computer's environment settings. Record discs in a format playable on this player. For details, contact the dealer.
- It may not be possible to play discs recorded using a computer or a BD/DVD recorder, if burn quality is not good due to characteristics of the disc, scratches, dirt on the disc, dirt on the recorder's lens, etc.

## ❖ About video, audio, and image files and folders

Audio and image files can be played on this player when the folders on the disc or USB device are created as described below.

Example of folder structure:



\* The number of folders and files within a single folder (including the root directory) is limited to a maximum of 256. Also, keep the number of folder layers to a maximum of 5.

### Note

- The file and folder names displayed on this player may differ from those displayed on a computer.

## Playable files

Video, image and audio files recorded on BDs, DVDs, CDs or USB devices can be played.

### ❖ Supported video file formats

- Real RMVB



*Real RMVB logo is a trademark or a registered trademark of RealNetworks, Inc.*

- DivX Plus HD

DivX Certified<sup>®</sup> to play DivX<sup>®</sup> and DivX Plus<sup>™</sup> HD (H.264/MKV) video up to 1080p HD including premium content.

ABOUT DIVX VIDEO: DivX<sup>®</sup> is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation.

This is an official DivX Certified<sup>®</sup> device that plays DivX video. Visit [divx.com](http://divx.com) for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX

Certified<sup>®</sup> device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to [vod.divx.com](http://vod.divx.com) for more information on how to complete your registration.



*DivX<sup>®</sup>, DivX Certified<sup>®</sup>, DivX Plus<sup>™</sup> HD and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.*

### Note

- This DivX<sup>®</sup> Certified device must be registered in order to play DivX Video-on-Demand (VOD) content. First generate the DivX VOD registration code for your device and submit it during the registration process. Important: DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to registered DivX Certified devices. If you try to play DivX VOD content not authorized for your device, the message **Authorization Error** will be displayed and your content will not be played. Learn more at [www.divx.com/vod](http://www.divx.com/vod).
  - This player's DivX VOD registration code can be checked at **HOME MENU → Initial Setup → Playback → DivX<sup>®</sup> VOD DRM → Registration Code** (page 32).
  - The number of views is restricted for some DivX VOD files. When such files are played on this player, the remaining number of views is displayed. Files for which the remaining number of views has reached 0 cannot be played (**This DivX rental has expired** is displayed). Files for which the number of views is not restricted can be played as many times as you like (the remaining number of views is not displayed).

## ❖ Table of Playable Files

Playable files (Extensions)	Playable media		File specifications
	BD-R/RE/-R DL/ RE DL/-R LTH, DVD-R/RW/-R DL/+R/ +RW/+R DL, CD-R/RW	USB devices <sup>1</sup>	
MP3 (.mp3)	✓	✓	Sampling frequencies: Up to 48 kHz Bit rate: Up to 320 kbps Audio type: MPEG-1 Audio Layer 3
WMA (.wma)	✓	✓	Sampling frequencies: Up to 48 kHz Bit rate: Up to 192 kbps Audio type: WMA version 9
AAC (.m4a)	✓	✓	Sampling frequencies: Up to 96 kHz Bit rate: Up to 192 kbps Audio type: MPEG4-AAC
LPCM (.wav)	✓	✓	Sampling frequencies: Up to 192 kHz Quantization bitrate: 16 bit Channel: 2ch
FLAC (.flac)	✓	✓	Sampling frequencies: Up to 192 kHz Quantization bitrate: 16 bit, 24 bit Channel: 2ch
JPEG (.jpg/.jpeg)	✓	✓	Maximum resolution: 4 000 x 3 000 pixels
DivX (.avi/.divx/.mkv)	✓	✓	Supported versions: Through DivX® PLUS HD Maximum resolution: Up to 1 920 x 1 080 (DivX® PLUS HD) Up to 1 280 x 720 (MKV)
MP4 (.mp4)	✓	✓	Maximum resolution: Up to 1 920 x 1 080 Video: MPEG4, MPEG-4 AVC (level 4.1) Audio: AAC, MP3
WMV (.wmv)	✓	✓	Maximum resolution: Up to 1 280 x 720 Video: WMV9, WMV9AP (VC-1) Audio: WMA
AVI (.avi)	✓	✓	Maximum resolution: Up to 1 920 x 1 080 Video: MPEG4 Audio: MP3, AAC, AC-3
3GP (.3gp)	✓	✓	Maximum resolution: Up to 1 920 x 1 080, up to 8 Mbps Video: H.263, MPEG4, H.264 Audio: MPEG-4 AAC
FLV (.flv)	✓	✓	Video: Sorenson H.263 (FLV1), On2 VP6 (FLV4), Screen video, H.264 Audio: MP3, ADPCM, Linear PCM, Nellymoser, Speex, AAC, HE-AAC
RMVB (.rm/.rmvb)	✓	✓	Maximum resolution: Up to 1 280 x 720 Video: RealVideo® Audio: RealAudio®, AAC

1. This unit supports FAT16, FAT32 and NTFS file systems.

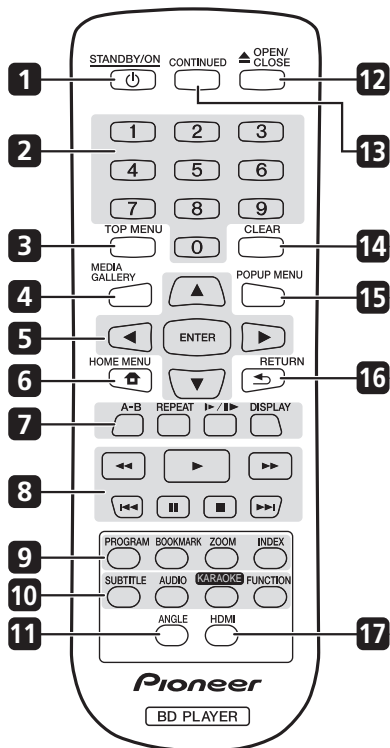


### Note

- Depending on the file structure and server capacity, it may not be possible to play certain files, even for files indicated on the table of playable files above.

# Part Names and Functions

## Remote Control



- 1 **⏻ STANDBY/ON** – Press to turn the power on and off.
- 2 **Number buttons** – Use these to select and play the title/chapter/track you want to view or listen to and to select items from menus.
- 3 **TOP MENU** – Press to display the top menu of the BD-ROM or DVD-Video.
- 4 **MEDIA GALLERY** – Visit or exit HomeMedia Gallery menu.
- 5 **▲/▼/◀/▶** – Use to select items, change settings and move the cursor.  
**ENTER** – Press to execute the selected item or enter a setting that has been changed, etc.

- 6 **🏠 HOME MENU** – Visit or exit setup menu.
- 7 **A-B** – To repeat from A to B.

**REPEAT** – Selects various repeat mode.

**▶/⏩▶** – To forward playback frame by frame.

**DISPLAY** – To display a window to locate a title, chapter or track.

- 8 **▶** – Start playback.

**■** – PAUSE/STOP playback.

**⏸** – PAUSE playback.

**◀◀** – Press to skip to the beginning of the previous title/chapter/track/file.

**▶▶** – Press to skip to the beginning of the next title/chapter/track/file.

**◀◀/▶▶** – Press to scan Fast Reverse/Forward search.

- 9 **PROGRAM** – To set track/chapter in a favourite order during CD/DVD/VCD playback.

**BOOK MARK** – To bookmark at any point during playback.

**ZOOM** – During playback to zoom out/in.

Press repeatedly to select different picture available in your player.

**INDEX** – During playback a JPEG disc, press to view a page of 12 thumbnail images. This button is only available in JPEG mode.

- 10 **SUBTITLE** – Press repeatedly to select different subtitles available in your disc.

**AUDIO** – Press repeatedly to select different audio streams available in your disc.

**KARAOKE** – Press to display the Karaoke Settings screen.

**FUNCTION** – To display a window to control information.

- 11 **ANGLE** – Switch the camera angle during playback.

- 12 **▲ OPEN/CLOSE** – Open/Close the disc tray.

- 13 **CONTINUED** – Start a playback from a marked point.

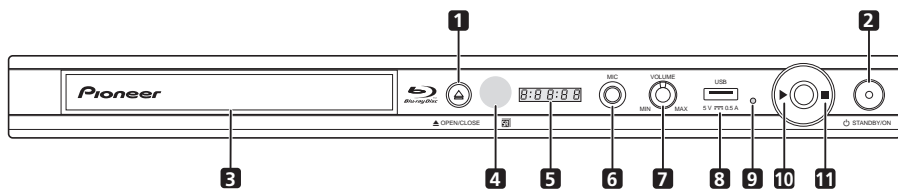
- 14 **CLEAR** – Press to clear the numeric number, etc.

- 15 **POP UP MENU/MENU** – Press to display the BD-ROM or DVD-Video menus.

- 16 **↶ RETURN** – Press to return to the previous screen.

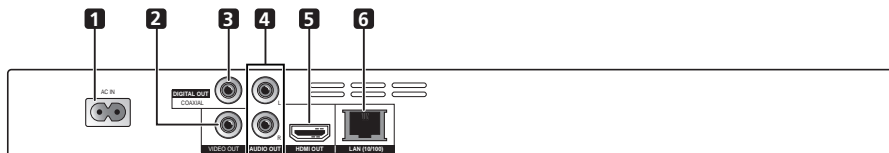
- 17 **HDMI** – To change resolution of HDMI video output to fit TV.

# 01 Front Panel



- 1 **▲ OPEN/CLOSE** – Press to open and close the disc tray.
- 2 **⏻ STANDBY/ON** – Press to turn the power on and off.
- 3 **Disc tray**
- 4 **Remote control sensor** – Point the remote control to this, then operate it within approximately 7 m. The player may have trouble capturing remote control signals if there is a fluorescent light nearby. If this happens, move the player away from the fluorescent light.
- 5 **Front panel display**
- 6 **MIC**
- 7 **Volume** – Use to adjust the microphone volume.
- 8 **USB port** – (page 16)
- 9 **Reset button** – If the power cannot be turned off (set to standby), use a thin rod to press this button. The unit restarts, at which point it is again operable.
- 10 **▶** – Press to start playback.
- 11 **■** – Press to stop playback.

# Rear Panel



- 1 **AC IN connector** – Connect the supplied power cord.
- 2 **VIDEO OUT terminal** – (page 15)
- 3 **DIGITAL OUT (COAXIAL) terminal** – (page 16)
- 4 **AUDIO OUT terminals** – (page 15)
- 5 **HDMI OUT terminal** – (page 13)
- 6 **LAN (10/100) terminal** – (page 17)



## Chapter 2

# Connecting up

Be sure to turn off the power and unplug the power cord from the power outlet whenever making or changing connections.

After connecting, make the settings at the **Setup Navigator** or **Initial Setup** menu according to the type of cable connected (page 18).

Also refer to the operating instructions for the device being connected.

## Connecting using an HDMI cable

The audio and video signals can be transferred to HDMI-compatible devices as digital signals with no loss of sound or video quality.



### Note

- Make the settings at the **Setup Navigator** menu according to the connected HDMI-compatible device (page 18).
- 1080p video signals may not be output, depending on the HDMI cable being used.

## About HDMI

This player incorporates the High-Definition Multimedia Interface (HDMI<sup>®</sup>) technology.

# HDMI

*The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries.*

The player supports Deep Color.

The conventional players can transmit a video signal with 8 bit color depth in the YCbCr 4:4:4 or RGB format; the players supporting Deep Color can transmit a video signal with a color bit depth of greater than 8 bits per color component. Subtle color gradations can be reproduced when this player is connected to a TV that supports Deep Color.

This product is compatible with "x.v.Color" that have the capability to realize a wide-gamut color space based on the xvYCC specifications.

Playing video signals conforming to "xvYCC" standards on this player when this player is connected to an "x.v.Color"-compatible TV, etc., expands color reproduction capabilities, allowing natural colors to be reproduced more faithfully than ever.

"x.v.Color" is a promotion name given to the products that have the capability to realize a wide-gamut color space based on the international standard specifications defined as xvYCC.

## x.v.Color

"x.v.Color" and **x.v.Color** are trademarks of Sony Corporation.

### ❖ Playable audio signals through the HDMI OUT terminal

- Dolby TrueHD
- Dolby Digital Plus
- Dolby Digital
- DTS-HD Master Audio
- DTS-HD High Resolution Audio
- DTS Digital Surround
- Linear PCM

Linear PCM audio signals meeting the following conditions can be output:

- Sampling frequency: 32 kHz to 192 kHz
- Number of channels: Up to 8 (up to 6 for a 192 kHz sampling frequency)

### ❖ When connected to a DVI device

- **It is not possible to connect DVI devices (computer displays, for example) that are not compatible with HDCP.** HDCP is a specification to protect audiovisual content across the DVI/HDMI interface.
- No audio signals are output. Connect using an audio cable, etc.
- This player is designed for connection with HDMI-compatible devices. When connected to a DVI device, it may not operate properly depending on the DVI device.

## About Control Function with HDMI

The functions work when a control function with HDMI-compatible Pioneer Flat Screen TV or AV system (AV receiver or amplifier, etc.) is connected to the player using an HDMI cable.

Also refer to the operating instructions for the Flat Screen TV and AV system (AV receiver or amplifier, etc.).

## ❖ To use the control function with HDMI

- The control function with HDMI operates when control function with HDMI is set to On for all devices connected with HDMI cables.
- Once the connections and the settings of all the devices are finished, be sure to check that the player's picture is output to the Flat Screen TV. (Also check after changing the connected devices and reconnecting HDMI cables.) The control function with HDMI may not operate properly if the player's picture is not properly output to the Flat Screen TV.
- Use High Speed HDMI®/™ Cables when using the control function with HDMI. The control function with HDMI may not operate properly if other HDMI cables are used.
- For some models, the control function with HDMI may be referred to as "KURO LINK" or "HDMI Control".
- The control function with HDMI does not work with devices of other brands, even if this player is connected with an HDMI cable.

## ❖ What the control function with HDMI can do

- **Outputting the optimum picture quality to a Flat Screen TV compatible with the control function with HDMI.**

When the control function with HDMI is enabled, video signals with the optimum picture quality for control function with HDMI are output from the player's HDMI terminal.

- **Operating the player with the Flat Screen TV's remote control.**

Such player operations as starting and stopping playback and displaying the menus can be performed from the Flat Screen TV.

- **The player's playback picture is displayed on the Flat Screen TV's screen. (Auto-select function)**

The input switches automatically on the Flat Screen TV and AV system (AV receiver or amplifier, etc.) when playback is started on the player or the HOME MENU is displayed. When the input is switched, the playback picture, the HOME MENU appears on the Flat Screen TV.

- **The power of the Flat Screen TV and the player turns on and off automatically. (Simultaneous power function)**

When playback on the player is started or the HOME MENU is displayed, if the Flat Screen TV's power was off, its power turns on automatically. When the Flat Screen TV's power is turned off, the player's power automatically turns off.

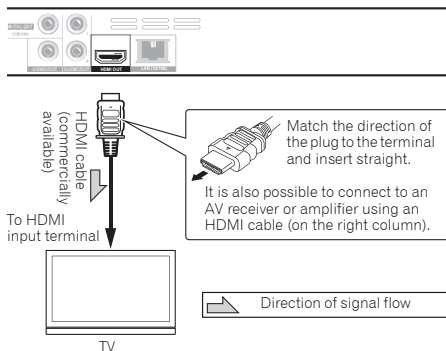
## Connecting a TV

See *Connecting an AV receiver or amplifier* on the right column to connect an AV receiver or amplifier using an HDMI cable.

### ⚠ Caution

- Hold the plug when connecting and disconnecting the cable.
- Placing a load on the plug could result in faulty contact and no video signals being output.

Player's rear panel

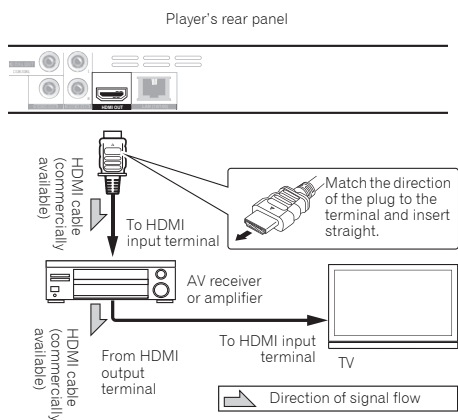


## Connecting an AV receiver or amplifier

Connect to an AV receiver or amplifier in order to enjoy the surround sound of Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-HD Master Audio, DTS-HD High Resolution Audio or DTS Digital Surround. For instructions on connecting the TV and speakers to the AV receiver or amplifier, refer to the operating instructions for AV receiver or amplifier.

### ⚠ Caution

- Hold the plug when connecting and disconnecting the cable.
- Placing a load on the plug could result in faulty contact and no video signals being output.



## Connecting video and audio cables

02

### 📝 Note

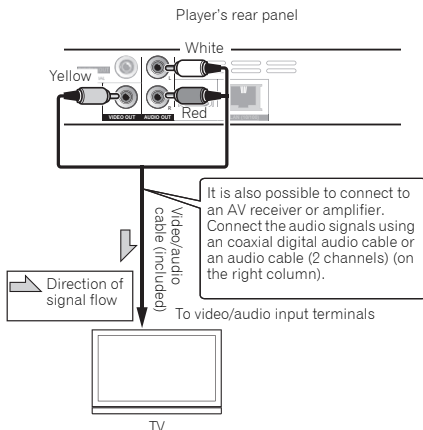
- Make the settings in the **Setup Navigator** menu according to the type of cable connected (page 18).
- To output video signals from this player, connect using a video cable (not including when connected using an HDMI cable).

## Connecting a TV using a video/audio cable

### ⚠ Caution

- **Connect the player's video output directly to your TV.**

This player supports the analog copy protection technology. Therefore, the picture may not be displayed properly if this player is connected to a TV via a DVD recorder/video deck or when playing the player's output material that is recorded by a DVD recorder/video deck. Furthermore, the picture may not be displayed properly due to the copy protection when the player is connected to a TV with a built-in video deck. For details, contact the manufacturer of your TV.



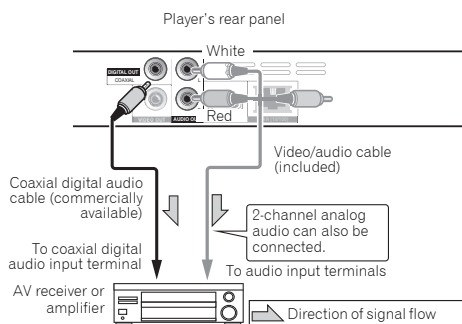
### 📝 Note

- Depending on the output video resolution setting, the picture may not be output.

15

En

## 02 Connecting an AV receiver or amplifier using an coaxial digital audio cable



### Note

- To switch the video from the AV receiver or amplifier, also connect the video output terminals.

## Connecting components to the USB port

### About USB devices

The USB devices that can be connected to the player are as shown below.

- USB 2.0-compatible USB flash drive (capacity of 1 GB or greater, 2 GB or greater recommended) or HDD (capacity 2 TB or less)
- File system: FAT16, FAT32 or NTFS

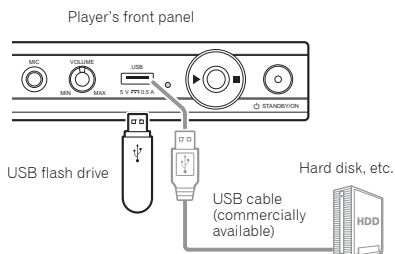
### Note

- Devices formatted with a file system other than the above cannot be used.
- USB devices may not be recognized if they contain multiple partitions.
- Some USB devices may not operate with this player.
- Operation of USB devices is not guaranteed.

## Connecting the USB device

### Caution

- Be sure to turn the player's power off before connecting or disconnecting USB devices.
- Use empty USB devices (on which nothing is stored).
- When using an external hard disk as the external storage device, be sure to turn on the hard disk's power before turning on the player's power.
- If the USB device is write-protected, be sure to disable the write-protection.
- When connecting the USB cable, hold onto the plug, set the plug in the proper direction for the port and insert it horizontally.
- Placing excessive loads on the plug may result in poor contact, making it impossible to write data on the USB device.
- When a USB device is connected and the player's power is turned on, do not unplug the power cord.



### Note

- Devices may not work if connected to the **USB** port via a memory card reader or USB hub.
- Use a USB cable with a length of 2 meters or less.

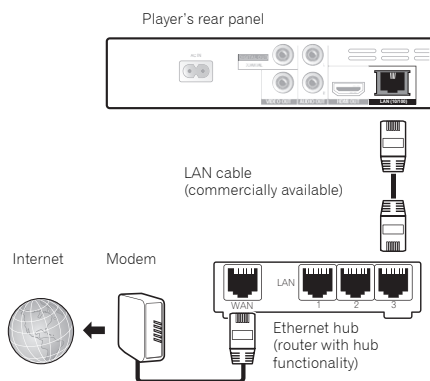
## Network connection

BD-LIVE functions such as downloading movie trailers or additional audio and subtitle languages and playing on-line games can be enjoyed over the Internet.

Be sure to use a 10BASE-T/100BASE-TX compatible Ethernet hub or router.

### Connecting via an Ethernet hub

The player can be connected to an Ethernet hub using a LAN cable.

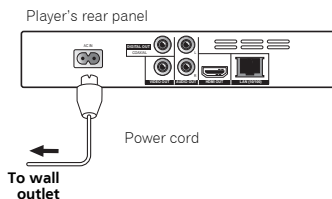


#### Note

- If there is an available DHCP server in your local area network, the IP address is obtained automatically. Otherwise, set IP address manually.
- For some Internet service providers, you may have to set the individual network configuration manually.
- Pioneer is not responsible for any malfunction of the player due to communication error/malfunctions associated with your network connection and/or your connected equipment. Please contact your Internet service provider or network device manufacturer.

## Connecting the power cord

Connect the power cord after all the connections between devices have been completed.



# Getting Started

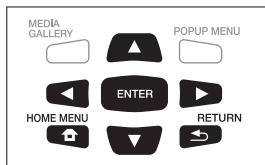
## Making settings using the Setup Navigator menu

Be sure to perform these settings when using the player in the following situations.

- When you use the player for the first time.
- After **Initial Setup** format.
- After updating the player's software.

### ⚠ Caution

- Before turning on the power, check that the connections between the player and other devices are correct. Also, turn on the power of the devices connected to the player before turning on the player's power.
- When using a Pioneer Flat Screen TV or front projector compatible with the Control function, set Control to On on the connected device before turning on the player's power.



### 1 Turn on the TV's power and switch the input.

See the TV's operating instructions for the details of operating the TV.

### 2 Turn on the player's power.

Press **⏻ STANDBY/ON**.

Check that the **Setup Navigator** menu is displayed.

### ❖ If the Setup Navigator menu is not displayed

- ▶ Press **🏠 HOME MENU** to display the Home Menu, select **Initial Setup** → **Setup Navigator** → **Start**, then press **ENTER**.

### 3 Start Setup Navigator.

Press **ENTER**.

- **Setup Navigator** starts.

### 4 Select the OSD language.

Use **▲/▼** to select, then press **ENTER**.

When a Pioneer Flat Screen TV that is compatible with Control function is connected to this player's **HDMI OUT** terminal, language settings are imported from the Pioneer Flat Screen TV's language settings before **Setup Navigator** begins.

### 5 Select the appropriate output resolution for the connected TV.

Use **▲/▼** to select, then press **ENTER**.

### 6 Select the appropriate aspect for the connected TV.

Use **▲/▼** to select, then press **ENTER**.

### 7 Close the Setup Navigator menu.

Press **ENTER**.

- **Setup Navigator** finishes and the setting is stored.
- Press **↶ RETURN** to go back to the previous screen.

## Chapter 4

# Playback

## Playing discs or files

This section describes the player's main operations.

For the types of discs and files that can be played, see page 6. Video, image and audio files recorded on discs are played with the Home Media Gallery (page 26).

### 1 Press **⏻** STANDBY/ON to turn on the power.

Turn the TV's power on and switch its input beforehand.

### 2 Press **⏏** OPEN/CLOSE to open the disc tray and load the disc.



#### Note

- Load the disc with the printed side facing up.
- Several dozen seconds are required to read the disc. Once reading is completed, the type of disc is displayed on the player's front panel display.
- When a BD with usage restrictions set by a BD recorder is loaded, the PIN code input screen appears. In this case, input your PIN code.

### 3 Press **▶** to play the disc.

- To pause, press **⏸** during playback.
- To stop, press **■** during playback.



#### Note

- Some discs start playing automatically when the disc tray is closed.
- BD-ROM/DVD-Video discs have parental lock features. Input the password registered in the player's settings to unlock the parental lock. For details, see page 34.
- With some BD-R/RE discs, viewing restrictions are set for the entire disc or certain titles. To cancel the viewing restrictions, input the password set for the disc.

### ❖ If the disc menu is displayed

For some discs, the disc menu is displayed automatically when playback starts. The contents of the disc menu and the way to operate depend on the disc.

### ❖ Resuming playback from where it was stopped (resume playback function)

- When **■** is pressed during playback, the point at which the disc stopped is stored in the memory. When **▶** is pressed after that, playback resumes from that point.
- To cancel the resume playback function, press **■** while playback is stopped.



#### Note

- The resume playback function is canceled automatically in the following cases:
  - When the disc tray is opened.
  - When the file list window is switched.
  - When the power is turned off. (For BDs and DVDs this does not cancel the resume playback function.)
- When you want to continue playback from a position you specify to be played next time, see *Continuing playback from a specified position (Continued Viewing Playback)* on page 25.
- The resume playback function cannot be used for some discs.

## Forward and reverse scanning

### ▶ During playback, press **◀◀** or **▶▶**.

- The scanning speed switches each time the button is pressed. The speed steps depend on the disc or file (the speed is displayed on the TV screen).

### ❖ To resume normal playback

#### ▶ Press **▶**.

## Playing specific chapters, tracks or files

### ▶ During playback, input the number of the chapter/track/file you want to select.

- Use the number buttons (0 to 9) to input the number, then press **ENTER**.
- Press **CLEAR** to clear the values you have input.

## Skipping content

### ▶ During playback, press **◀◀** or **▶▶**.

- When **▶▶** is pressed, the playback skips ahead to the beginning of the next chapter/track/file.
- When **◀◀** is pressed while a video or audio file is playing, the playback skips back to the beginning of the currently playing chapter/track/file. Press twice to skip back to the beginning of the previous chapter/track/file.
- When **◀◀** is pressed while an image file is playing, playback returns to the previous file.

## 04 Playing in slow motion

---

- ▶ **During playback, press **⏮/⏪**.**
  - The slow forward speed mode switches each time the button is pressed.
  - Following sequence: 1/16X → 1/8X → 1/4X → 1/2X → normal.

### ❖ To resume normal playback

- ▶ Press **▶**.

## Step forward and step reverse

---

- ▶ **While playback is paused, press **⏮/⏪**.**
  - The step playback switches each time the button is pressed.

### ❖ To resume normal playback

- ▶ Press **▶**.

## Playing a specific section within a title or track repeatedly (A-B Repeat)

---

Use this procedure to play a specific section within a title or track repeatedly.

### 1 During playback, press **A-B** to select the starting point.

- **A-** is displayed on the TV screen.

### 2 During playback, press **A-B** to select the ending point.

- A-B Repeat playback starts.

### ❖ To cancel A-B Repeat play

- Press **A-B** during the A-B Repeat play.



#### Note

- A-B Repeat play is canceled in the following cases:
  - When you search outside of the repeat range.
  - When you start other Repeat Play or Random Play.

## Playing repeatedly (Repeat Play)

---

Use this procedure to play the currently playing disc, title, chapter, track or file repeatedly.

### ▶ During playback, press **REPEAT**.

- Each time you press **REPEAT** the type of repeat modes changes as shown below.

#### BD

Current chapter → Current title

#### DVD

Current chapter → Current title → All titles

#### CD/Video file/Audio file/Image file

Current track/file → All tracks/All files in folder

### ❖ To cancel Repeat Play

- Press **REPEAT** several times during Repeat Play.



#### Note

- Repeat Play is canceled in the following cases:
  - When you search outside the repeat range.
  - When you start other Repeat Play or Random Play.

## Playing in the desired order (Programmed Play)

---

### 1 During playback, press **PROGRAM**.

- The program screen is displayed.

### 2 Select the program number.

Use **▲/▼** to select, then press **ENTER**.

### 3 Select the title you want to play.

Use **▲/▼** to select, then press **▶**.

### 4 Select the chapter you want to play.

Use **▲/▼** to select, then press **ENTER**.

### 5 Press **▶**.

- Playback starts.

### ❖ Editing the program

#### 1 Select the program number you want to edit, then press **ENTER**.

#### 2 Select title/chapter, then press **ENTER**.



## ❖ Deleting the program

▶ **Select the program number you want to delete, then press CLEAR.**

- To delete all the programs, press  **RETURN**.



### Note

- When you use audio CDs for Programmed Play, enter the track number in step 3.
- This function does not work with BDs.

## Making bookmarks

You can make bookmarks on the video currently playing and play back the scene later.

▶ **During playback, press BOOKMARK.**



- The bookmark is made.
- Maximum number of bookmarks are 12.

## ❖ Playing the bookmarked scene

1 **Press and hold BOOKMARK for a few seconds.**

- The list of bookmarks is displayed.

2 **Select the bookmark you want to play.**

Use   to select, then press **ENTER**.

## ❖ Deleting the bookmark

▶ **Select the bookmark you want to delete, then press CLEAR.**

- Bookmarks may not be allowed to make for some discs.
- Bookmarks are canceled in the following cases:
  - When the player's power turned off.
  - When the disc tray is opened.

## Zoom

▶ **During playback, press ZOOM.**

- Each time you press **ZOOM**, the zoom level changes as shown below.

[Zoom 2x] → [Zoom 3x] → [Zoom 4x] → [Zoom 1/2]  
→ [Zoom 1/3] → [Zoom 1/4] → Normal (not displayed)



### Note

- This function does not work with some discs.




## Playing photos as slideshows

This function plays the photos, switching them automatically.

▶ **During playback, press INDEX.**

- Display the thumbnail of image files. The maximum number is 12 at once.
- If you select one of the image and press **ENTER**, slideshow will start from the image you selected.

## ❖ Rotating/inverting photos

When a slideshow is playing or paused, the display switches as shown below when the    buttons are pressed.

- ▶ button: Rotates 90° clockwise
- ◀ button: Rotates 90° counterclockwise
- ▲ button: Flips horizontally
- ▼ button: Flips vertically

## Switching the camera angles

For BD-ROM and DVD-Video discs on which multiple angles are recorded, the angles can be switched during playback.

▶ **During playback, press ANGLE.**

- The current angle and total number of recorded angles are displayed on the TV screen. To switch the angles, press **ANGLE** again.
- The angles can also be switched by selecting **Angle** from the **FUNCTION** menu.
- If the angles are not switched when **ANGLE** is pressed, switch them from the disc menu screen.

## Switching the subtitles

For discs or files on which multiple subtitles are recorded, the subtitles can be switched during playback.



### Caution

- The subtitles cannot be switched for discs recorded by a DVD or BD recorder. Also refer to the operating instructions for the device used for recording.
- ▶ **During playback, press SUBTITLE.**
  - The current subtitle and total number of recorded subtitles are displayed on the TV screen. To switch the subtitle, press **SUBTITLE** again.
  - The subtitles can also be switched by selecting **Subtitle** from the **FUNCTION** menu.
  - If the subtitles are not switched when **SUBTITLE** is pressed, switch them from the disc menu screen.

## ❖ Turning the subtitles off

▶ Press **SUBTITLE** several times or select **Subtitle** from the **FUNCTION** menu to switch the setting to **Off**.

## ❖ About displaying external subtitle files while playing DivX media files

In addition to the subtitles recorded in DivX media files, this player also supports the display of external subtitle files. If a file has the same name as that of a DivX media file aside from the file extension and the extension is one of the extensions listed below, the file is treated as an external subtitle file. Note that DivX media files and external subtitle files must be located in the same folder. Only one external subtitle file can be displayed on this player. Use a computer, etc., to delete any external subtitle files you do not want to display from the disc.

Text files with the extensions ".smi", ".srt", ".sub" and ".txt" are supported.



### Note

- Depending on the file, the external subtitles may not be displayed properly.

## Switching the audio

For discs or files on which multiple audio streams/channels are recorded, audio streams/channels can be switched during playback.

▶ **During playback, press AUDIO.**

- The current audio and total number of recorded audio streams are displayed on the TV screen. To switch the audio, press **AUDIO** again.
- The audio can also be switched by selecting **Audio** from the **FUNCTION** menu.
- If the audio is not switched when **AUDIO** is pressed, switch it from the disc menu screen.

## Displaying the disc information

▶ **Press DISPLAY.**

The disc information appears on the TV screen. To switch off the information display, press **DISPLAY** again.

The information display differs between during playback and when playback is stopped.

## Enjoying BONUSVIEW or BD-LIVE

This player is compatible with BD-Video BONUSVIEW and BD-LIVE.

When using BD-Video discs compatible with BONUSVIEW, you can enjoy such functions as secondary video (picture in picture) (page 24) and secondary audio (page 24). With BD-Video discs supporting BD-LIVE, special video images and other data can be downloaded from the Internet.

Data recorded on BD video and downloaded from BD-LIVE is stored on the USB flash drive (external memory). To enjoy these functions, connect a USB flash drive (minimum 1 GB capacity, 2 GB or greater recommended) supporting USB 2.0 High Speed (480 Mbit/s) to the USB port.

- When you insert or remove a USB flash drive, be sure to turn the player's power off.
- To recall data stored in the USB flash drive, first insert the disc media that was being used at the time the data was downloaded (if a different disc is loaded, the data stored on the USB flash drive cannot be played).
- If a USB flash drive containing other data (previously recorded) is used, the video and audio may not play back properly.
- Do not disconnect the USB flash drive while playback is in progress.
- Some time may be required for the data to load (read/write).



### Caution

- It may not be possible to use the BONUSVIEW and BD-LIVE functions if there is insufficient space on the USB flash drive. In this case, refer to *Erasing data that has been added to BDs and application data* on page 34 for erasing the Virtual Package data and the BD-LIVE data in the USB flash drive.



### Note

- Operation of USB flash drives is not guaranteed.
- Playback of BD-LIVE function data differs depending on the disc used. For details, consult the user instructions supplied with the disc.
- To enjoy the BD-LIVE function, a network connection and settings are required (pages 17 and 33).
- BD-LIVE is a function that provides for connection to the Internet. Discs supporting the BD-LIVE function may send ID codes identifying this player and the disc to the contents provider via the Internet.

# Playback functions

The functions that can be used differ according to the type of disc and file. In some cases, some of the functions cannot be used. Check the usable functions on the table below.

Function <sup>1</sup>	Disc/file type									
	BD-ROM	BD-R /-RE	DVD-Video	DVD-R /-RW (VR format)	AVCREC	AVCHD	Video file	Image file	Audio file	Audio CD
Forward and reverse scanning <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	X	✓ <sup>4</sup>	✓ <sup>4</sup>
Playing specific titles, chapters or tracks	✓	✓	✓	✓	✓	✓	X	X	X	✓
Skipping content	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Slow motion play <sup>2,5,6</sup>	✓	✓	✓	✓	✓	✓	✓	X	X	X
Step forward <sup>2,7</sup>	✓	✓	✓	✓	✓	✓	✓	X	X	X
A-B Repeat play <sup>2</sup>	✓	✓	✓	✓	✓	✓	✓	X	✓	✓
Repeat Play	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zoom	✓	✓	✓	✓	✓	✓	✓	✓	X	X
Angle <sup>8</sup>	✓	X	✓	X	X	X	X	X	X	X
Subtitle <sup>9</sup>	✓	✓	✓	✓	✓	✓	✓	X	X	X
Audio <sup>10</sup>	✓	✓	✓	✓	✓	✓	✓	X	X	X
Disc information	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1. Some functions may not work for some discs or files, even if indicated [✓] on the table.
2. For some discs, normal playback resumes automatically when the chapter switches.
3. No sound is produced during forward and reverse scanning.
4. Sound is produced during forward and reverse scanning.
5. No sound is output during slow motion playback.
6. Reverse slow motion playback is not possible.
7. Reverse step playback is not possible.
8. Angle mark is displayed for scenes at which multiple angles are recorded if **Angle Mark** is set to **On** (page 32).
9.
  - The types of recorded subtitles depend on the disc and file.
  - In some cases, the subtitle may switch or the switching screen provided on the disc may be displayed immediately, without the current subtitle or the total number of subtitles recorded on the disc being displayed.
10. The types of recorded audio streams depend on the disc and file.

# 04 Using the FUNCTION menu

Various functions can be called out according to the player's operating status.

## 1 Display the FUNCTION menu.

Press **FUNCTION** during playback.

## 2 Select and set the item.

Use **▲/▼** to select, then press **ENTER**.



### Note

- Items that cannot be changed are displayed in gray. The items that can be selected depend on the player's status.

## ❖ To change the setting of the selected item

Use **▲/▼** to change.

## ❖ To close the FUNCTION menu

Press **FUNCTION**.

## ❖ FUNCTION menu item list

Item	Description
Title	Display the title information for the currently playing disc and total number of titles on the disc. Also select the title you want to play. (See the following description.)
Chapter (track/file) <sup>1</sup>	Display the information for the currently playing chapter (track/file) and total number of chapters in the disc. Also select the chapter (track/file) you want to play. (See the following description.)
Time	Display the elapsed or remaining time. Also enter the time from which you want to start playback. (See the following description.)
Mode	Switch the play mode (page 25).
Audio	Switch the audio.
Angle	Switch the BD-ROM/DVD-Video disc's camera angle.
Subtitle	Switch the subtitle language.
Code Page	Switch the subtitle code page.
Secondary Video <sup>2</sup>	Switch the BD-ROM's secondary video (Picture-in-Picture).
Secondary Audio <sup>3</sup>	Switch the BD-ROM's secondary audio.
Bitrate	Display the bitrate of the audio/video/secondary video/secondary audio.
Still off	Switch off the BD-ROM's still picture.
Ins Search	Skip forward 30 seconds.
Ins Replay	Skip backward 10 seconds.
Slide Show	Switch the playback speed while playing the picture slide show.

Item	Description
Transition	Change the style of the slide show while playing the picture slide show.

1. One of these types of information is displayed, depending on the type of disc.
2. Secondary video mark is displayed for scenes at which secondary video is recorded if **PIP Mark** is set to **On** (page 32).
3. Secondary audio mark is displayed for scenes at which secondary audio is recorded if **Secondary Audio Mark** is set to **On** (page 32).



### Note

- Selectable items depend on the type of disc.
- The types of recorded secondary audio streams depend on the disc and file.
- Some discs do not include secondary audio/secondary video.
- In some cases, the secondary audio/secondary video may switch or the switching screen provided on the disc may be displayed immediately, without the current secondary audio/secondary video or the total number of secondary audio/secondary video streams recorded on the disc being displayed.

## Playing from a specific time (Time Search)

### 1 Select Time.

Use **▲/▼** to select, then press **ENTER**.

### 2 Input the time.

Use the number buttons (0 to 9) to input the time.

- To play from 45 minutes, input **0, 0, 4, 5, 0** and **0**, then press **ENTER**.
- To play from 1 hour 20 minutes, input **0, 1, 2, 0, 0** and **0**, then press **ENTER**.
- Press **CLEAR** to clear the values you have input.

### 3 Starting playback from the specified time.

Press **ENTER**.

## Playing a specific title, chapter, track or file (Search)

### 1 Select Title or Chapter (track/file).

Use **▲/▼** to select, then press **ENTER**.

### 2 Input the Title or Chapter (track/file) number.

Use the number buttons (0 to 9) or **▲/▼** to input the number.

- To search for title 32, input **3** and **2**, then press **ENTER**.
- Press **CLEAR** to clear the values you have input.

### 3 Starting playback from the specified title, chapter or track.

Press **ENTER**.

## Playing specified range of discs, titles or chapter (track/file) in random order

---

You can select from two types of random playback.

### 1 Select Mode.

Use ▲/▼ to select, then press **ENTER**.

### 2 Select the playing mode.

Use ▲/▼ to select, then press **ENTER**.

#### ❖ Random play

The specified range of discs, titles or chapter (track/file) is played in random order. The same item may be played consecutively.

#### ❖ Shuffle play

The specified range of discs, titles or chapter (track/file) is played in random order. Each item is played once.

## Continuing playback from a specified position (Continued Viewing Playback)

---

This function allows you to continue playback from a position you specify to be played next time, even after turning the power off.

#### ❖ Setting

##### ▶ During playback, press **CONTINUED** at the position from which you want to start continued viewing playback.

The elapsed playing time at the specified position is displayed on the TV screen.

#### ❖ Playing

##### 1 Press ▶ to play the title for which you have set continued viewing playback.

The continued viewing playback confirmation screen appears.

##### 2 Use ◀/▶ to select **Yes**, then press **ENTER**.

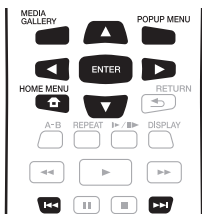
Playback starts from the specified position.



#### Note

- The continued viewing playback setting is canceled when ▲ **OPEN/CLOSE** is pressed.
- Continued viewing playback may not work properly with some discs.

# Playback from Home Media Gallery



## About Home Media Gallery



- The Home Media Gallery lets you display a list of the titles, tracks or files recorded on the disc. The discs that can be played from the Home Media Gallery are as shown below (see also page 6).
- BD-R/-RE discs
- DVD-R/-RW (VR format) discs
- Audio CD (CD-DA and DTS-CD)
- DVDs/CDs on which only data files of video, image or audio files, etc. are recorded.



### Note

- Depending on the connected devices and conditions, some time may be required for playback to start and for the image to switch.

## Disc/USB playback

### 1 Press HOME MEDIA GALLERY to display the Home Media Gallery.

The Home Media Gallery can also be displayed by selecting Home Media Gallery from Home Menu, then pressing **ENTER**.

### 2 Select Disc or USB.

Use **▲/▼** to select, then press **ENTER**.

### 3 Select Photo/Music/Video/AVCHD.

Use **▲/▼** to select, then press **ENTER**.

- This step is not for the discs that have been recorded with BDAV/VR/AVCREC format.
- To play files in AVCHD format on a USB device, create a folder named "AVCHD" on the USB device, then copy the "BDMV" folder containing which the files to be played into the "AVCHD" folder.

**4 Select the title/track or file you want to play.** Use **▲/▼** to select, then press **ENTER**.

Playback starts from the selected title/track or file.

- If the file you want to play is in the folder, select the folder that contains the file first.

## Playing back image files

### ❖ About Slideshow

A display of the files on the disc or in the folder switches automatically.



### Note

- When playing an audio CD (CD-DA/DTS-CD), the Now Playing screen is displayed.
- Some BD-R/-RE discs have playback protection. To cancel the protection, input the password set for the disc.
- It may take a few seconds before playback starts. This is normal.
- It may not be possible to play some files properly.
- The number of views may be restricted.
- Depending on the connected devices and conditions, some time may be required for playback to start and for the image to switch.

# Playing in the desired order (Playlist)

---

The discs that can add tracks and files to the **Playlist** are as shown below.

- DVDs/CDs/USB devices on which audio files are recorded

## Adding tracks/files

---

Use this procedure to add tracks and files, and create the **Playlist**.

**1 Press HOME MEDIA GALLERY to display the Home Media Gallery.**

The Home Media Gallery can also be displayed by selecting Home Media Gallery from Home Menu, then pressing **ENTER**.

**2 Select Disc or USB.**

Load the disc beforehand.

Use **▲/▼** to select, then press **ENTER**.

**3 Select the track/file to be added.**

Use **▶** to select.

**4 Press POP UP MENU to display the POP UP MENU menu.**

**5 Select Add to Playlist to add to Playlist.**

Use **▲/▼** to select, then press **ENTER**.

The track or file selected in step 3 is added to the **Playlist**.

- To add more tracks or files, repeat steps 3 to 5.

## Playing the Playlist

---

**1 Press HOME MEDIA GALLERY to display the Home Media Gallery.**

The Home Media Gallery can also be displayed by selecting Home Media Gallery from Home Menu, then pressing **ENTER**.

**2 Select Playlist.**

Use **▲/▼** to select, then press **ENTER**.

**3 Select the track/file to be played.**

Use **▲/▼** to select, then press **ENTER**.

Playback starts from the selected track/file and continues until the end of the list is reached. Use **◀◀/▶▶** to play the previous or next track/file. The Now Playing screen is displayed.

## Deleting tracks/files from the Playlist

---

**1 Select the track/file to be deleted, then press POP UP MENU to display the POP UP MENU menu.**

**2 Use ▲/▼ to select Remove from Playlist, then press ENTER.**

# Karaoke

## Enjoying Karaoke

### 1 Press KARAOKE on the remote control.

**Karaoke Setup** under **Initial Setup** will be displayed on the TV screen.

### 2 Turn the Karaoke Switch on.

Select [**Karaoke Setup**] → [**Karaoke Switch**] → [**On**] using cursor ▲/▼/◀/▶ and press **ENTER**.

### 3 Adjust microphone volume.

Adjust the microphone volume using **Volume** on the front panel.

### 4 Adjust microphone echo.

Select [**Karaoke Setup**] → [**MIC ECHO**] using cursor ▲/▼/◀/▶ and press **ENTER**.

Use ◀/▶ to adjust the microphone echo.

Press **RETURN** to finish.

### 5 Adjust Key Control.

Select [**Karaoke Setup**] → [**Key Control**] → [**Next screen**] and press **ENTER**.

Use ◀/▶ to adjust the key control.

Press **RETURN** to finish.

### 6 Switch Vocal Cancel on or off.

Use cursor ▲/▼/◀/▶ to select [**Karaoke Setup**] → [**Vocal Cancel**] → [**On**] or [**Off**] and press **ENTER**.



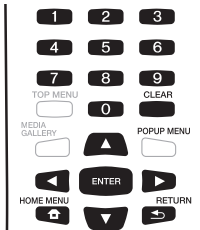
#### Note

- Karaoke can only be used with disc playback or USB playback.
- Depending on the song, Voice Cancel may not be effective.
- When inserting the MIC terminal, support the top of the unit with your hand to prevent it from moving.
- If you turn off Karaoke Switch, Key control and Vocal Cancel are turned off.
- The sound may be distorted if the microphone volume is too high.
- If there is howling, move the microphone away from the speakers. Also try lowering the volume and echo level.
- Depending on the connection conditions and the disc being played, the sound of the microphone may not be output. In this case, set the **HDMI Audio Out** or **Digital Output** setting to **PCM**. The sound of the microphone is not output when the audio signals

recorded on the disc are in a format other than PCM (Dolby, DTS, etc.) and the HDMI audio output or digital audio output setting is set to something other than PCM.



## Changing the settings



## Operating the Initial Setup screen

**1 When playback is stopped, display the Home Menu screen.**

Press HOME MENU.

**2 Select and set Initial Setup.**

Use / to select, then press ENTER.

**3 Select the item and change the setting.**

Use /// to select, then press ENTER.

## ❖ Closing the Initial Setup screen

Press HOME MENU or RETURN.



## Note

- The items that can be selected depend on the player's status.
- In Options, the factory default settings are indicated in bold.

Setting	Options	Explanation
Display Setting TV Screen	16:9 Full	Select this when connecting to a wide (16:9) TV.
	<b>16:9 Normal</b>	Select this when connected to a wide (16:9) TV. 4:3 pictures are displayed with vertical black bars along the sides.
	4:3 Pan&Scan	Select this when connecting to a 4:3 screen TV and playing a 16:9 video. The video will be played with the left and right sides of the image cut off to display on the 4:3 screen. (This function works if the disc is labeled for 4:3PS.)
	4:3 Letterbox	Select this when connecting to a 4:3 screen TV and playing a 16:9 video. The video will be played with black bands at the top and bottom.
Video Adjust	The quality of the playback picture can be adjusted according to the TV you are using (page 33).	
Sharpness	High	Choose the level of sharpness.
	Middle	
	<b>Low</b>	
Video Mode	<b>Standard</b>	Choose the video output mode.
	Vivid	
	Cinema	
	Custom	
	• CTI (Color Transient Improvement): Provides images with clearer color contours.	
Noise Reduction	<b>0</b>	Choose the level of noise reduction.
	1	
	2	
	3	

Setting	Options	Explanation
Digital Output	Bitstream	Select this to output digital audio signals directly.
	<b>PCM</b>	Select this to output digital audio signals converted to 2-channel audio signals.
	Reencode	When a BD containing secondary audio and interactive audio is played, the two audio signals are mixed and converted to Dolby Digital audio or DTS audio for output.
	Off	Select this to output audio signals other than digital audio signals.
When using the karaoke function, depending on the connection conditions and the disc being played, the sound of the microphone may not be output. In this case, set the <b>Digital Output</b> setting to <b>PCM</b> .		
Downmix	<b>Stereo</b>	Surround audio signals converted to linear PCM audio signals are converted into 2-channel (stereo) signals for output.
	Lt/Rt	Surround audio signals converted to linear PCM audio signals are converted into 2-channel signals compatible with Dolby Surround for output (when the connected AV receiver or amplifier, etc., is compatible with Dolby Pro Logic, the AV receiver or amplifier outputs the linear PCM audio signals as surround audio signals).
Downsampling	<b>48k</b>	Outputs audio signals that are limited to a sampling frequency below the set sampling frequency from the <b>DIGITAL OUT</b> terminal. Select according to the performance of the connected device.
	96k	
	192k	
<ul style="list-style-type: none"> <li>• Sources with sampling frequencies of over 192 kHz cannot be played.</li> <li>• When playing copyright-protected discs or files, the signals are output with the sampling frequency limited to 48 kHz or below, regardless of this setting.</li> </ul>		
DRC (Dynamic Range Control)	<b>Off</b>	Select this to output audio signals without using the DRC function.
	On	Select this to adjust the range between the loudest and softest sounds (dynamic range) for playback at average volume. Use this when it is hard to hear dialog or when watching movies at midnight.
	Auto	Select to switch the DRC setting On/Off automatically according to the input audio signal from the disc. This only affects Dolby TrueHD signals.
<ul style="list-style-type: none"> <li>• This affects such audio signals as Dolby Digital, Dolby TrueHD, and Dolby Digital Plus.</li> <li>• DRC affects audio signals output from the following audio output terminals: <ul style="list-style-type: none"> <li>– Analog audio signals output from the <b>AUDIO OUT</b> terminals</li> <li>– Linear PCM audio signals output from the <b>DIGITAL OUT</b> or <b>HDMI OUT</b> terminals</li> </ul> </li> <li>• Depending on the disc, the effect may be weak.</li> <li>• The effect may differ depending on the speakers, the AV amplifier settings, etc.</li> </ul>		

Setting	Options	Explanation	
HDMI Color Space	RGB	Select this to output the video signals as RGB signals. Choose this if the colors seem too faint and the black seems too bright.	
	YCbCr	Select this to output the video signals as YCbCr 4:4:4 signals.	
	<b>YCbCr 422</b>	Select this to output the video signals as YCbCr 4:2:2 signals.	
	Full RGB	Select this to output the video signals as RGB signals. Choose this if the colors seem too dense and all the dark colors are displayed in a uniform black.	
Resolution	<b>Auto</b>	Select this to choose the resolution of the video signals output from the <b>HDMI OUT</b> terminal automatically.	
	480i/576i	Output the video signals from the <b>HDMI OUT</b> terminal with the selected resolution.	
	480P/576P	The resolution can be changed by pressing <b>HDMI</b> , but <b>Auto</b> cannot be selected.	
	720P		
	1080i		
1080P			
HDMI Audio Out	Bitstream	Select this to output HDMI audio signals directly.	
	<b>PCM</b>	Select this to output HDMI audio signals converted to PCM audio signals.	
	Reencode	When a BD containing secondary audio and interactive audio is played, the two audio signals are mixed and converted to Dolby Digital audio or DTS audio for output.	
	Off	Select this when you do not want to output the audio signal from the HDMI output terminal.	
When using the karaoke function, depending on the connection conditions and the disc being played, the sound of the microphone may not be output. In this case, set the <b>HDMI Audio Out</b> setting to <b>PCM</b> .			
Control	<b>On</b>	Select this to control the player with the remote control of the connected AV device using an HDMI cable. Also refer to page 13.	
	Off	Select this when you do not want to control the player with the remote control of the connected AV device using an HDMI cable.	
HDMI Deep Color	30bits	Select this when outputting the video signals with 30-bit color.	
	36bits	Select this when outputting the video signals with 36-bit color.	
	<b>Off</b>	Select this when outputting the video signals with normal 24-bit color.	
When [30bits] or [36bits] is selected, set the color space (page 41) to a setting other than <b>YCbCr 422</b> .			
HDMI 1080P 24Hz	<b>On</b>	Select this when Resolution is set to <b>Auto</b> or 1080P and outputting 1080p/24 video signals to a TV compatible with 1080p/24.	
	Off	Select this when Resolution is set to 1080P and outputting 1080p/60 video signals to a TV compatible with 1080p/60.	
HDMI 3D	<b>Auto</b>	With 3D discs, the disc is played with 3D images.	
	Off	3D images are not played.	
3D Notice	<b>Yes</b>	This sets whether or not to display the 3D notice when playing 3D images.	
	No		
NETWORK IP Setting	Select this to set the IP address of the player and DNS server (page 33).		
	Proxy Server	Only set the proxy server if so instructed by your Internet service provider (page 33).	
	Information	Displays the values of the MAC address, IP address, subnet mask, default gateway, DNS server (primary) and DNS server (secondary).	
	Connection Test	Select this to test the network connection (page 34).	
	Internet Connection	<b>Enable</b>	Select this when connecting to the Internet.
		Disable	Select this when not connecting to the Internet.
BD-Live Connection	<b>Permitted</b>	All discs are allowed to connect to BD-LIVE.	
	Partial Permitted	Only discs whose safety has been confirmed are allowed to connect to BD-LIVE.	
	Prohibited	No disc is allowed to connect to BD-LIVE.	

	Setting	Options	Explanation
Language	OSD	available languages	Choose a language for the on-screen displays from the listed languages.
	Audio	available languages	Choose a language from the listed languages to set the default audio language for BD-ROM and DVD-Video playback.
		* For some discs, it may not be possible to change to the selected language.	
		If a language not recorded on the BD/DVD is set, one of the recorded languages is automatically selected for playback.	
	Subtitle	available languages	Choose a language from the listed languages to set the default subtitle language for BD-ROM and DVD-Video playback.
	* For some discs, it may not be possible to change to the selected language.		
	If a language not recorded on the BD/DVD is set, one of the recorded languages is automatically selected for playback.		
	Menu	available languages	Choose a language from the listed languages to set the default language for BD-ROM and DVD-Video menus.
	* For some discs, it may not be possible to change to the selected language.		
	If a language not recorded on the BD/DVD is set, one of the recorded languages is automatically selected for playback.		
Playback	Angle Mark	<b>On</b>	Select this to display the angle mark on the TV screen (page 21).
		<b>Off</b>	Select this if you do not want to display the angle mark on the TV screen.
	PIP Mark	<b>On</b>	Select this to display the PIP mark on the TV screen.
		<b>Off</b>	Select this if you do not want to display the PIP mark on the TV screen.
	Secondary Audio Mark	<b>On</b>	Select this to display the secondary audio mark on the TV screen (page 24).
		<b>Off</b>	Select this if you do not want to display the secondary audio mark on the TV screen.
	DivX <sup>®</sup> VOD DRM	Registration Code	Displays the player's registration code required to play DivX VOD files (page 9).
	Disc Auto Playback	<b>On</b>	Discs are played automatically after they are loaded.
		<b>Off</b>	Loaded discs do not start playing automatically.
	Last Memory	<b>On</b>	Select this to save the point at which you last stopped playback, even after the disc tray is opened or you switch to the standby mode.
	<b>Off</b>	Select this when you want to use only Continue Viewing Play (page 25).	
PBC (Play Back Control)	<b>On</b>	Select this to play Video-CDs (version 2.0) compatible with PBC using the disc menu.	
	<b>Off</b>	Select this to play Video-CDs (version 2.0) compatible with PBC without using the disc menu.	
Setup Navigator	Start making the settings using the Setup Navigator menu. For details, see page 18.		
Security	Change Password	Register (change) the password for parental lock settings or for unlocking to play DVD-Videos with the parental lock feature (page 34). The default password is "0000".	
	Parental Control	Change the player's parental lock level (page 34).	
	Country Code	Change the Country/Area code (page 35).	
Karaoke Setup	Karaoke Switch	<b>Off</b>	Select when not using Karaoke.
		<b>On</b>	Select when using Karaoke.
	Mic Echo	Select to adjust the level of microphone echo. Use ◀▶ to perform the adjustment on the mic echo adjustment screen.	
	Key Control	Select to adjust the level of the key control. Use ◀▶ to perform the adjustment on the key control adjustment screen.	
	Vocal Cancel	<b>Off</b>	Select when you want Vocal Cancel off.
	<b>On</b>	Select when you want Vocal Cancel on.	

Setting	Options	Explanation
Options Screen Saver	Off	The screen saver is not activated.
	<b>1 min</b>	The screen saver will be activated if no operation has been performed for more than one minute/two minutes/three minutes. Operating the remote control can deactivate the screen saver.
	2 min	
	3 min	
Auto Power Off	Off	Select this if you do not want the power to turn off automatically. This is the default setting for models other than European models.
	10 min	The power will be automatically turned off if no operation has been performed for more than 10 minutes/20 minutes/30 minutes. The default setting for European models is 30 minutes.
	20 min	
	30 min	
Quick Start	On	Select to shorten the required time to boot up.
	<b>Off</b>	Select to perform normal bootup.
Update	USB Storage	Select the method of software updating. (page 36)
Load Default	Restore the settings to the factory default.	
System Information	Check the system version number.	
BUDA	BUDA Information	Display and set up the BUDA data on the connected USB device.
	BUDA Setup	

## ❖ Adjusting the video

### 1 Select and set Display Setting → Video Adjust → Next Screen.

Use ▲/▼ to select, then press **ENTER**.

### 2 Select the item and change the setting.

Use ▲/▼ to select the item, then use ◀/▶ to change the setting. Once the setting is completed, press

↩ **RETURN** to close the settings screen.

Item	Description
Brightness	Select this to adjust the TV screen's brightness.
Contrast	Select this to adjust the TV screen's contrast.
Hue	Select this to adjust the color (green and red) balance of the TV screen.
Saturation	Select this to adjust the TV screen's saturation.

## ❖ Setting the IP address

### 1 Select and set Network → IP Setting → Next Screen.

Use ▲/▼ to select, then press **ENTER**.

### 2 Set IP address.

Use ▲/▼/◀/▶ to set the IP address of the player or DNS server, then press **ENTER**.

#### • Auto Set IP Address

**On** – The player's IP address is obtained automatically. Select this when using a broadband router or broadband modem that has a DHCP (Dynamic Host Configuration Protocol) server function. This player's IP address will automatically be allocated from the DHCP server.

**Off** – The player's IP address must be set manually. Use the number buttons (0 to 9) to input the IP address, subnet mask and default gateway.



#### Note

- For information on the DHCP server function, refer to the operating instructions for the network device.
- You may need to contact your Internet service provider or network administrator when inputting the IP address manually.

## ❖ Setting the proxy server

Only set the proxy server if so instructed by your Internet service provider.

### 1 Select and set Network → Proxy Server → Next Screen.

Use ▲/▼ to select, then press **ENTER**.

### 2 Select and set Use or Not use at Proxy Server.

Use ◀/▶ to change, then press ▼.

- **Use** – Select this when using a proxy server.
- **Not use** – Select this when not using a proxy server.

If you have selected **Use**, proceed to step 3.

### 3 Select and set Server Select Method.

Use ◀/▶ to change, then press ▼.

- **IP Address** – Input the IP address.
- **Server Name** – Input the server name.

### 4 Input IP Address or Server Name.

Use the number buttons (0 to 9) to input the number if you select IP address in step 3. Use ◀/▶ to move the cursor.

When Server Name is selected in step 3, use the number buttons (0 to 9) to launch the software keyboard. Now use ▲/▼/◀/▶ to select characters and items, then press **ENTER** to input.

### 5 Input Port Number.

Press ▼, then use the number buttons (0 to 9) to input the number.

### 6 Press **ENTER** to set.

## ❖ Displaying the network settings

### ▶ Select and set Network → Information → Next Screen.

Use ▲/▼ to select, then press **ENTER**.

The MAC address, IP address, subnet mask, default gateway and DNS server (primary and secondary) settings are displayed.

When **Auto Set IP Address** is set to **On**, the values obtained automatically are displayed.



#### Note

- "0.0.0.0" is displayed when each IP address has not been set.

## ❖ Testing the network connection

### ▶ Select and set Network → Connection Test → Start.

Use ▲/▼ to select, then press **ENTER**.

"Network is OK." is displayed once the test is completed. If any other message is displayed, check the connections and/or settings (pages 17 and 33).

## ❖ Changing to other language at language setting

### 1 Select and set Language.

Use ▲/▼ to select, then press **ENTER**.

### 2 Select and set OSD, Audio, Subtitle or Menu.

Use ▲/▼ to select, then press **ENTER**.

### 3 Select and set the desired language.

Use ▲/▼ to select, then press **ENTER**.



#### Note

- If a language not recorded on the BD/DVD is set, one of the recorded languages is automatically selected and played.

## ❖ Erasing data that has been added to BDs and application data

Use this procedure to erase data that has been added to BDs (data downloaded with the BD-LIVE function and data used with the BONUSVIEW function) and application data.



#### Caution

- Some time is required to erase the data.
- Do not unplug the power cord while data is being erased.

### 1 Select and set BUDA → BUDA Setup.

Use ▲/▼ to select, then press **ENTER**.

### 2 Select and set Fmt buda.

Press **ENTER**.

## ❖ Registering or Changing the password

Use this procedure to register or change the code number required for the Parental Lock settings.

### About default password of this unit

The default password is "0000".

- This unit might ask you to enter a password when you change the password.
- If you reset this unit, your password is simultaneously changed to the default setting.

### 1 Select and set Security → Change Password → Next Screen.

Use ▲/▼ to select, then press **ENTER**.

### 2 Input the password.

Use the number buttons (0 to 9) to input the number, then press **ENTER** to set.

Use ◀/▶ to move the cursor.

### 3 Re-input the password.

Use the number buttons (0 to 9) to input the number, then press **ENTER** to set.

Use ◀/▶ to move the cursor.

- To change the password, input the previously registered password, then input the new password.



#### Note

- We recommend making a note of the password.
- If you have forgotten the password, reset the player to the factory default setting, then register the password again (page 36).

## ❖ Changing the Parental Lock level for viewing DVDs/BD-ROMs

Some DVD-Video discs containing scenes of violence, for example, have Parental Lock levels (check the indications on the disc's jacket or elsewhere). To restrict viewing these discs, set the player's level to the level lower than the discs.

### 1 Select and set Security → Parental Control → Next Screen.

Use ▲/▼ to select, then press **ENTER**.

### 2 Input the password.

Use the number buttons (0 to 9) to input the number, then press **ENTER** to set.

Use ◀/▶ to move the cursor.

### 3 Change the level.

Use ◀/▶ to change, then press **ENTER** to set.



#### Note

- The level can be set to **Off** or between **Level1** and **Level8**. When set to **Off**, viewing is not restricted.

## ❖ Changing the Country/Area code

### 1 Select and set Security → Country Code → Next Screen.

Use ▲/▼ to select, then press **ENTER**.

### 2 Input the password.

Use the number buttons (0 to 9) to input the number, then press **ENTER** to set.

Use ◀/▶ to move the cursor.

### 3 Change the country/area code.

Use ◀/▶ to change, then press **ENTER** to set. Refer to page 38.

## Software updating

The player's software can be updated using a following method.

- Using a USB flash drive.

Product information on this player is provided on the Pioneer website. Check the website shown on page 5 for update and service information on your Blu-ray disc player.



#### Caution

- Do not unplug the power cord or remove the USB flash drive during software updating. Also, do not press the reset button during updating. Otherwise, the updating will be aborted and malfunction may occur with the player.
- The software updating process may take a certain period of time.
- Other operations are defeated during software updating. Furthermore, updating process cannot be canceled.

## ❖ Updating using a USB flash drive



#### Note

- When an update file is provided on the Pioneer website, use your computer to download it onto a USB flash drive. Carefully read the instructions on downloading update files provided on the Pioneer website.
- Store the update file in the root directory of the USB flash drive. Do not store it within a folder.
- Do not put any files other than the update file on the USB flash drive.
- The player supports USB flash drives formatted in FAT32, FAT16 or NTFS. When formatting a USB flash drive on your computer, do so with the settings below.
  - File system: FAT32
  - Allocation unit size: Default allocation size
- Only store the most recent update file on the USB flash drive.
- Do not use a USB extension cable to connect a USB flash drive to the player. Using a USB extension cable may prevent the player from performing correctly.
- Steps **1** to **4** are the operations performed by the user.
- Step **5** is the operations performed (automatically) by the player (they are intended to update the software).

### 1 Plug in the USB flash drive on which the update file is stored.

### 2 When playback is stopped, display the Home Menu screen.

Press **HOME MENU**.

### 3 Select and set Initial Setup.

Use ▲/▼ to select, then press **ENTER**.

### 4 Select and set Options → Update → USB Storage → Start.

Use ▲/▼/◀/▶ to select, then press **ENTER**.

### 5 Updating starts.

Press **ENTER**.

- Software updating may take a certain period of time.
- When updating is completed, the unit restarts automatically.

## 07 Restoring all the settings to the factory default settings



---

1 Check that the player's power is turned on.



2 When playback is stopped, display the Home Menu screen.

Press  HOME MENU.



3 Select and set Initial Setup.

Use / to select, then press ENTER.

4 Select and set Options → Load Default → Next Screen.

Use / to select, then press ENTER.

5 Select and set OK.

Use / to select, then press ENTER.



### Note

- After restoring all the settings to the factory default settings, use **Setup Navigator** to reset the player (page 18).



# About how digital audio formats are output

Setting							
Method of conversion	Only the primary audio (the main sound for movies, etc.) is output. The secondary audio and interactive audio are not output.		The primary audio, secondary audio and interactive audio are converted into PCM audio and output simultaneously.		The primary audio, secondary audio and interactive audio are converted into PCM audio then converted again into Dolby Digital audio or DTS audio and output simultaneously. <sup>1</sup>		
Output terminal(s)	terminal	terminal	terminal	terminal	terminal	terminal	terminal
Audio type							
<b>Dolby Digital</b>	Dolby Digital	Dolby Digital	PCM 5.1ch				
<b>Dolby Digital Plus</b>	Dolby Digital Plus	Dolby Digital	PCM 7.1ch		Dolby Digital	Dolby Digital	
<b>Dolby TrueHD</b>	Dolby TrueHD	Dolby Digital	PCM 7.1ch				
<b>DTS Digital Surround</b>	DTS Digital Surround	DTS Digital Surround	PCM 5.1ch		PCM 2 ch <sup>2</sup>		
<b>DTS-HD High Resolution Audio</b>	DTS-HD High Resolution Audio	DTS ES 6.1 ch	PCM 7.1ch			DTS 5.1ch	DTS 5.1ch
<b>DTS-HD Master Audio</b>	DTS-HD Master Audio	DTS ES 6.1 ch	PCM 7.1ch				
<b>PCM</b>	PCM 7.1ch	PCM 2 ch <sup>2</sup>	PCM 7.1ch		Dolby Digital	Dolby Digital	

1. If there is no secondary audio or interactive audio, depending on the disc the signals may be output without being re-encoded.  
 2. For multi-channel audio, the sound is converted into 2-channel audio for output.

 **Note**

- Depending on the disc, the number of channels may differ.
- Depending on the connected HDMI device, the HDMI output audio and number of channels may differ.
- The HDMI output audio and number of channels may differ when **Resolution** is set to **480i** or **480P**, as well as when set to **Auto** if the connected device only supports 480i/480p.
- Three types of audio are recorded on BD video discs.
  - Primary audio: The main sound.
  - Secondary audio: Additional sound added supplementarily, such as comments by directors, actors, etc.
  - Interactive audio: Sounds such as clicks heard when operations are performed. The interactive audio differs from disc to disc.

# Language Code Table and Country/Area Code Table

## Language Code Table

Language name, language code, input code

Abkhazian, <b>ab/abk</b> , 0102	French, <b>fr/fr</b> , 0618	Malagasy, <b>mg/mlg</b> , 1307	Slovenian, <b>sl/slv</b> , 1912
Afar, <b>aa/aar</b> , 0101	Galician, <b>gl/glg</b> , 0712	Malay, <b>ms/msa</b> , 1319	Somali, <b>so/som</b> , 1915
Afrikaans, <b>af/af</b> , 0106	Georgian, <b>ka/kat</b> , 1101	Malayalam, <b>ml/mal</b> , 1312	Sotho, Southern, <b>st/sot</b> , 1920
Albanian, <b>sq/sqj</b> , 1917	German, <b>de/deu</b> , 0405	Maltese, <b>mt/mlt</b> , 1320	Spanish, <b>es/spa</b> , 0519
Amharic, <b>am/amh</b> , 0113	Greek, <b>el/ell</b> , 0512	Maori, <b>mi/mri</b> , 1309	Sundanese, <b>su/sun</b> , 1921
Arabic, <b>ar/ara</b> , 0118	Guarani, <b>gn/grn</b> , 0714	Marathi, <b>mr/mar</b> , 1318	Swahili, <b>sw/swa</b> , 1923
Armenian, <b>hy/hye</b> , 0825	Gujarati, <b>gu/guj</b> , 0721	Mongolian, <b>mn/mon</b> , 1314	Swati, <b>ss/ssw</b> , 1919
Assamese, <b>as/asm</b> , 0119	Hausa, <b>ha/hau</b> , 0801	Moldavian, <b>mo/mol</b> , 1315	Swedish, <b>sv/swe</b> , 1922
Ayмара, <b>ay/aym</b> , 0125	Hebrew, <b>iw/heb</b> , 0923	Nauru, <b>na/nau</b> , 1401	Tagalog, <b>tl/tgl</b> , 2012
Azerbaijani, <b>az/aze</b> , 0126	Hindi, <b>hi/hin</b> , 0809	Nepali, <b>ne/nep</b> , 1405	Tajik, <b>tg/tgk</b> , 2007
Bashkir, <b>ba/bak</b> , 0201	Hungarian, <b>hu/hun</b> , 0821	Norwegian, <b>no/nor</b> , 1415	Tamil, <b>ta/tam</b> , 2001
Basque, <b>eu/eus</b> , 0521	Icelandic, <b>is/isl</b> , 0919	Occitan, <b>oc/oci</b> , 1503	Tatar, <b>tt/tat</b> , 2020
Belarusian, <b>be/bel</b> , 0205	Indonesian, <b>in/ind</b> , 0914	Oniya, <b>or/ori</b> , 1518	Telugu, <b>te/te</b> , 2005
Bengali, <b>bn/ben</b> , 0214	Interlingua, <b>ia/ia</b> , 0901	Oromo, <b>om/orm</b> , 1513	Thai, <b>th/tha</b> , 2008
Bihari, <b>bh/bih</b> , 0208	Irish, <b>ga/gle</b> , 0701	Panjabi, <b>pa/pan</b> , 1601	Tibetan, <b>bo/bod</b> , 0215
Bislama, <b>bi/bis</b> , 0209	Italian, <b>it/ita</b> , 0920	Persian, <b>fa/fas</b> , 0601	Tigrinya, <b>ti/tir</b> , 2009
Breton, <b>br/bre</b> , 0218	Japanese, <b>ja/jpn</b> , 1001	Polish, <b>pl/pol</b> , 1612	Tonga (Tonga Islands), <b>to/ton</b> , 2015
Bulgarian, <b>bg/bul</b> , 0219	Javanese, <b>iw/jav</b> , 1023	Portuguese, <b>pt/por</b> , 1620	Tsonga, <b>ts/tso</b> , 2019
Burmese, <b>my/mya</b> , 1325	Kalaallisut, <b>kl/kal</b> , 1112	Pushto, <b>ps/pus</b> , 1619	Tswana, <b>tn/tns</b> , 2014
Catalan, <b>ca/cat</b> , 0301	Kannada, <b>kn/kan</b> , 1114	Quechua, <b>qu/que</b> , 1721	Turkmen, <b>tk/tuk</b> , 2011
Central Khmer, <b>km/khm</b> , 1113	Kashmiri, <b>ks/kas</b> , 1119	Romanian, <b>ro/ron</b> , 1815	Turkish, <b>tr/tru</b> , 2018
Chinese, <b>zh/zho</b> , 2608	Kazakh, <b>kk/kaz</b> , 1111	Romansch, <b>rm/roh</b> , 1813	Twi, <b>tw/twi</b> , 2023
Corsican, <b>co/cos</b> , 0315	Kirghiz, <b>ky/kir</b> , 1125	Rundi, <b>rn/run</b> , 1814	Ukrainian, <b>uk/ukr</b> , 2111
Croatian, <b>hr/hrv</b> , 0818	Korean, <b>ko/kor</b> , 1115	Russian, <b>ru/rus</b> , 1821	Urdu, <b>ur/urd</b> , 2118
Czech, <b>cs/ces</b> , 0319	Kurdish, <b>ku/kur</b> , 1121	Samoan, <b>sm/smo</b> , 1913	Uzbek, <b>uz/uzb</b> , 2126
Danish, <b>da/dan</b> , 0401	Lao, <b>lo/lao</b> , 1215	Sango, <b>sg/sag</b> , 1907	Vietnamese, <b>vi/vie</b> , 2209
Dutch, <b>nl/nld</b> , 1412	Latin, <b>la/lat</b> , 1201	Sanskrit, <b>sa/san</b> , 1901	Volapük, <b>vo/vol</b> , 2215
Dzongkha, <b>dz/dzo</b> , 0426	Latvian, <b>lv/lav</b> , 1222	Scottish Gaelic, <b>gd/gla</b> , 0704	Welsh, <b>cy/cym</b> , 0325
English, <b>en/eng</b> , 0514	Lingala, <b>ln/lin</b> , 1214	Serbian, <b>sr/srp</b> , 1918	Western Frisian, <b>fy/fry</b> , 0625
Esperanto, <b>eo/epo</b> , 0515	Lithuanian, <b>lt/lt</b> , 1220	Serbo-Croatian, <b>sh/--</b> , 1908	Wolof, <b>wo/wol</b> , 2315
Estonian, <b>et/est</b> , 0520	Macedonian, <b>mk/mkd</b> , 1311	Shona, <b>sn/sna</b> , 1914	Xhosa, <b>xh/xho</b> , 2408
Finnish, <b>fi/fin</b> , 0609		Sindhi, <b>sd/snd</b> , 1904	Yiddish, <b>yi/yid</b> , 2000
Fijian, <b>fj/fij</b> , 0610		Sinhalese, <b>si/sin</b> , 1909	Yoruba, <b>yo/yor</b> , 2515
Faroese, <b>fo/fao</b> , 0615		Slovak, <b>sk/slk</b> , 1911	Zulu, <b>zu/zul</b> , 2621

## Country/Area Code Table

Country/Area name, Country/Area code, input code

Anguilla, <b>ai</b> , 0109	Estonia, <b>ee</b> , 0505	Luxembourg, <b>lu</b> , 1221	Slovakia, <b>sk</b> , 1911
Antigua and Barbuda, <b>ag</b> , 0107	Finland, <b>fi</b> , 0609	Macedonia, the Former Yugoslav Republic of, <b>mk</b> , 1311	Slovenia, <b>si</b> , 1909
Argentina, <b>ar</b> , 0118	France, <b>fr</b> , 0618	Malaysia, <b>my</b> , 1325	Spain, <b>es</b> , 0519
Armenia, <b>am</b> , 0113	Georgia, <b>ge</b> , 0705	Malta, <b>mt</b> , 1320	Suriname, <b>sr</b> , 1918
Australia, <b>au</b> , 0121	Germany, <b>de</b> , 0405	Mexico, <b>mx</b> , 1324	Sweden, <b>se</b> , 1905
Austria, <b>at</b> , 0120	Greece, <b>gr</b> , 0718	Moldova, Republic of, <b>md</b> , 1304	Switzerland, <b>ch</b> , 0308
Azerbaijani, <b>az</b> , 0126	Greenland, <b>gl</b> , 0712	Monaco, <b>mc</b> , 1303	Taiwan, Province of China, <b>tw</b> , 2023
Bahamas, <b>bs</b> , 0219	Grenada, <b>gd</b> , 0704	Montserrat, <b>ms</b> , 1319	Tajikistan, <b>tj</b> , 2010
Barbados, <b>bb</b> , 0202	Guyana, <b>gy</b> , 0725	Netherlands, <b>nl</b> , 1412	Thailand, <b>th</b> , 2008
Belarus, <b>by</b> , 0225	Haiti, <b>ht</b> , 0820	New Zealand, <b>nz</b> , 1426	Trinidad and Tobago, <b>tt</b> , 2020
Belgium, <b>be</b> , 0205	Hong Kong, <b>hk</b> , 0811	Norway, <b>no</b> , 1415	Tunisia, <b>tn</b> , 2014
Belize, <b>bz</b> , 0226	Hungary, <b>hu</b> , 0821	Pakistan, <b>pk</b> , 1611	Turkey, <b>tr</b> , 2018
Bermuda, <b>bm</b> , 0213	Iceland, <b>is</b> , 0919	Peru, <b>pe</b> , 1605	Turkmenistan, <b>tm</b> , 2013
Brazil, <b>br</b> , 0218	India, <b>in</b> , 0914	Philippines, <b>ph</b> , 1608	Turks and Caicos Islands, <b>tc</b> , 2003
Bulgaria, <b>bg</b> , 0207	Indonesia, <b>id</b> , 0904	Poland, <b>pl</b> , 1612	Ukraine, <b>ua</b> , 2101
Canada, <b>ca</b> , 0301	Ireland, <b>ie</b> , 0905	Portugal, <b>pt</b> , 1620	United Kingdom, <b>gb</b> , 0702
Cayman Islands, <b>ky</b> , 1125	Israel, <b>il</b> , 0912	Puerto Rico, <b>pr</b> , 1618	United States, <b>us</b> , 2119
Chile, <b>cl</b> , 0312	Italy, <b>it</b> , 0920	Romania, <b>ro</b> , 1815	Uruguay, <b>uy</b> , 2125
China, <b>cn</b> , 0314	Jamaica, <b>jm</b> , 1013	Russian Federation, <b>ru</b> , 1821	Uzbekistan, <b>uz</b> , 2126
Colombia, <b>co</b> , 0315	Japan, <b>jp</b> , 1016	Saint Kitts and Nevis, <b>kn</b> , 1114	Venezuela, <b>ve</b> , 2205
Croatia, <b>hr</b> , 0818	Kazakhstan, <b>kz</b> , 1126	Saint Lucia, <b>lc</b> , 1203	Virgin Islands, British, <b>vg</b> , 2207
Cyprus, <b>cy</b> , 0325	Korea, Republic of, <b>kr</b> , 1118	Saint Vincent and the Grenadines, <b>vc</b> , 2203	
Czech Republic, <b>cz</b> , 0326	Kyrgyzstan, <b>kg</b> , 1107	San Marino, <b>sm</b> , 1913	
Denmark, <b>dk</b> , 0411	Latvia, <b>lv</b> , 1222	Singapore, <b>sg</b> , 1907	
Dominica, <b>dm</b> , 0413	Liechtenstein, <b>li</b> , 1209		
Dominican Republic, <b>do</b> , 0415	Lithuania, <b>lt</b> , 1220		

## Cautions on use

### Moving the player

If you need to move this unit, first remove the disc if there's one loaded, and close the disc tray. Next, press **⏻ STANDBY/ON** to switch the power to standby, checking that the **POWER OFF** indication on the front panel display goes off. Wait at least 10 seconds. Lastly, disconnect the power cord.

Never lift or move the unit during playback — discs rotate at a high speed and may be damaged.

### Place of installation

Select a stable place near the TV and AV system to which the unit is connected.

Do not place the player on top of a TV or color monitor. Keep it away from cassette decks or other components easily affected by magnetism.

Avoid the following types of places:

- Places exposed to direct sunlight
- Humid or poorly ventilated places
- Extremely hot or cold places
- Places subject to vibration
- Places in which there is much dust or cigarette smoke
- Places exposed to soot, steam or heat (in kitchens, etc.)

#### ❖ Do not place objects on top

Do not place objects on top of the player.

#### ❖ Do not obstruct the ventilation holes

Do not use the player on a shaggy rug, bed, or sofa, and do not cover the player with a cloth, etc. Doing so will prevent heat dissipation and could lead to damage.

#### ❖ Keep away from heat

Do not place the player on top of an amplifier or other device generating heat. When installing in a rack, to avoid the heat generated by the amplifier and other devices, place it on a shelf below the amplifier whenever possible.

## Turn the power off when not using the player

Depending on the conditions of the TV broadcast signals, striped patterns may appear on the screen when the TV is turned on while the player's power is turned on. This is not a malfunction with the player or TV. If this happens, turn the player's power off. In the same way, noise may be heard in the sound of a radio.

## Condensation

If the player is moved suddenly from a cold place into a warm room (in winter, for example) or if the temperature in the room in which the player is installed rises suddenly due to a heater, etc., water droplets (condensation) may form inside (on operating parts and the lens). When condensation is present, the player will not operate properly and playback is not possible. Let the player stand at room temperature for 1 or 2 hours with the power turned on (the time depends on the extent of condensation). The water droplets will dissipate and playback will become possible.

Condensation can also occur in the summer if the player is exposed to the direct wind from an air-conditioner. If this happens, move the player to a different place.

## Cleaning the player

Normally, wipe the player with a soft cloth. For tough dirt, apply some neutral detergent diluted in 5 to 6 parts water to a soft cloth, wring out thoroughly, wipe off the dirt, then wipe again with a dry cloth.

Note that getting alcohol, thinner, benzene or insecticide on the player could cause the print and coating to peel off. Also, avoid leaving rubber or vinyl products in contact with the player for long periods of time, as this could damage the cabinet.

When using chemical-impregnated wipes, etc., read the wipe's cautions carefully.

Unplug the power cord from the power outlet when cleaning the player.

## Caution for when the unit is installed in a rack with a glass door

Do not press the **▲ OPEN/CLOSE** on the remote control to open the disc tray while the glass door is closed. The door will hamper the movement of the disc tray, and the unit could be damaged.

## 08 **Cleaning the pickup lens**

The player's lens should not become dirty in normal use, but if for some reason it should malfunction due to dust or dirt, consult your nearest Pioneer authorized service center. Although lens cleaners for players are commercially available, we advise against using them since some may damage the lens.

## **Handling discs**

Do not use damaged (cracked or warped) discs.

Do not scratch the disc's signal surface or let it get dirty.

Do not load more than one disc into the player at a time.

Do not glue paper or put stickers onto the disc, or use a pencil, ball-point pen or other sharp-tipped writing instrument. These could all damage the disc.



### ❖ **Storing discs**

Always store discs in their cases, and place the cases vertically, avoiding places exposed to high temperatures or humidity, direct sunlight or extremely low temperatures.

Be sure to read the cautions included with the disc.

### ❖ **Cleaning discs**

It may not be possible to play the disc if there are fingerprints or dust on it. In this case, using a cleaning cloth, etc., to wipe the disc gently from the center toward the outer edge. Do not use a dirty cleaning cloth.



Do not use benzene, thinner or other volatile chemicals. Also do not use record spray or antistatic agents.

For tough dirt, apply some water to a soft cloth, wring out thoroughly, wipe off the dirt, then wipe off the moisture with a dry cloth.

### ❖ **Specially shaped discs**

Specially shaped discs (heart-shaped, hexagonal, etc.) cannot be used on this player. Never use such discs, as they will damage the player.



### ❖ **Condensation on discs**

If the disc is moved suddenly from a cold place into a warm room (in winter, for example), water droplets (condensation) may form on the disc surface. Discs will not play properly if there is condensation on them. Carefully wipe off the water droplets from the disc surface before using the disc.

# Troubleshooting

Incorrect operation is often mistaken for trouble or malfunction. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Inspect the other components and electrical appliances being used. If the trouble cannot be rectified even after checking the points below, ask your nearest Pioneer authorized service center or your dealer to carry out repair work.

## Playback

Problem	Check	Remedy
<ul style="list-style-type: none"> <li>• Disc does not play.</li> <li>• Disc tray opens automatically.</li> </ul>	Is the disc one that is playable on this player?	Check whether the disc is one that can be played on this player (page 6).
	Is the file one that is playable on this player?	<ul style="list-style-type: none"> <li>• Check whether the file is one that can be played on this player (page 9).</li> <li>• Check whether or not the file is damaged.</li> </ul>
	Is the disc scratched?	It may not be possible to play scratched discs.
	Is the disc dirty?	Clean the disc (page 40).
	Is there a piece of paper or sticker attached to the disc?	The disc may be warped and unplayable.
	Is the disc properly set in the disc tray?	<ul style="list-style-type: none"> <li>• Set the disc with the printed side facing up.</li> <li>• Set the disc properly in the depression in the disc tray.</li> </ul>
	Is the region number correct?	See page 8 for the region numbers of discs that can be played on this player.
No picture is displayed or the picture is not displayed properly.	Is the video cable properly connected?	<ul style="list-style-type: none"> <li>• Connect the cable properly according to the connected devices (page 13).</li> <li>• Disconnect the cable (video/audio cable or HDMI cable), then reinsert it firmly and all the way in.</li> </ul>
	Is the video cable damaged?	If the cable is damaged, replace it with a new one.
	Is the input setting on the connected TV or AV receiver or amplifier right?	Read the operating instructions for the connected components and switch to the proper input.
	Is the output video resolution properly set?	<ul style="list-style-type: none"> <li>• Press <b>HDMI</b> to switch the video resolution output from the <b>HDMI OUT</b> terminal (page 11).</li> </ul>
	<ul style="list-style-type: none"> <li>• Is the player connected with an HDMI cable other than a High Speed HDMI<sup>®</sup>/TM cable (with a Standard HDMI<sup>®</sup>/TM cable)?</li> </ul>	Connect the player to the TV using a High Speed HDMI <sup>®</sup> /TM cable.
Is a DVI device connected?	The picture may not be displayed properly if a DVI device is connected.	
Is <b>Color Space</b> properly set?	Change the <b>Color Space</b> setting (page 31).	
Playback stops.	<ul style="list-style-type: none"> <li>• Playback may stop if the unit is subject to shocks or set in an unstable place.</li> <li>• Playback may stop when a USB device is connected or disconnected during playback. Do not connect or disconnect USB devices during playback.</li> </ul>	
Picture freezes and the front panel and remote control buttons stop working.	<ul style="list-style-type: none"> <li>• Press <b>■ STOP</b> to stop playback, then restart playback.</li> <li>• If the playback cannot be stopped, press <b>⏻ STANDBY/ON</b> on the player's front panel to turn off the power, then turn the power back on.</li> <li>• If the power cannot be turned off (set to standby), use a thin rod to press the reset button on the main unit's front panel. The unit restarts, at which point it is again operable.</li> </ul>	
No picture is displayed or picture is not output in high definition when playing BDs.	With some discs, it may not be possible to output the video signals from the <b>VIDEO</b> output terminal. In this case, connect using an HDMI cable (page 13).	

Problem	Check	Remedy
<ul style="list-style-type: none"> <li>Picture is disturbed during playback.</li> <li>Picture is dark.</li> </ul>		<ul style="list-style-type: none"> <li>This player supports Rovi analog copy protection technology. With some TVs (such as with built-in video deck), the picture will not be displayed properly when the copy protected DVD title is played. This is not a malfunction.</li> <li>If the player and TV are connected via a DVD recorder/video deck, etc., the picture will not be displayed properly due to analog copy protection. Connect the player and TV directly.</li> </ul>
<ul style="list-style-type: none"> <li>Picture is stretched.</li> <li>Picture is cropped.</li> <li>Aspect ratio cannot be switched.</li> </ul>	<p>Is the TV's aspect ratio properly set?</p> <p>Is <b>TV Screen</b> properly set?</p>	<p>Read the operating instructions for the TV and set the TV's aspect ratio properly.</p> <p>Set <b>TV Screen</b> properly (page 29).</p> <p>When video signals with a resolution of 1080/50i, 1080/50p, 720/50p, 1080/24p, 1080/60i, 1080/60p or 720/60p are being output from the <b>HDMI OUT</b> terminal, they may be output with an aspect ratio of 16:9 even if <b>TV Screen</b> is set to <b>4:3 Pan&amp;Scan</b> (page 29).</p>
Picture is interrupted.		The picture may be interrupted when the resolution of the recorded video signal switches. Press <b>HDMI</b> to select a setting other than <b>Auto</b> (page 31).
The subtitles cannot be switched.		The subtitles cannot be switched for discs recorded on a DVD or BD recorder.
<ul style="list-style-type: none"> <li>No sound is output.</li> <li>Sound is not output properly.</li> </ul>	<p>Is the disc played back in slow motion?</p> <p>Is the disc played back in fast forward or fast reverse?</p> <p>Are the audio cables properly connected?</p> <p>Is the audio cable damaged?</p> <p>Is <b>Audio Output</b> properly set?</p> <p>Are the connected components (AV receiver or amplifier, etc.) properly set?</p> <p>Is <b>HDMI Audio Out</b> properly set?</p> <p>Is a DVI device connected?</p>	<p>No sound is output during slow motion play and forward and reverse scanning.</p> <ul style="list-style-type: none"> <li>Connect the cable properly according to the connected devices (page 13).</li> <li>Insert the cable firmly and all the way in.</li> </ul> <p>If the cable is damaged, replace it with a new one.</p> <p>Set <b>Audio Output</b> properly, according to the connected device (page 30).</p> <p>Read the operating instructions for the connected components and check the volume, input, speaker settings, etc.</p> <p>Set <b>HDMI Audio Out</b> to <b>Re-encode</b> or <b>PCM</b>. (page 31).</p> <p>The sound will not be output from the <b>HDMI OUT</b> terminal if a DVI device is connected. Connect the device to a <b>DIGITAL OUT</b> terminal or the <b>AUDIO OUT</b> terminals (page 15).</p> <p>For some BDs, audio signals are only output from <b>DIGITAL OUT</b> terminal or the <b>HDMI OUT</b> terminal.</p>
Multi-channel sound is not output.	<p>Is the audio output of the connected AV receiver or amplifier, etc., properly set?</p> <p>Is multi-channel sound selected?</p>	<p>Read the operating instructions for the connected AV receiver or amplifier and check the audio output settings of the AV receiver or amplifier.</p> <p>Use the menu screen or <b>AUDIO</b> to switch the disc's sound to multi-channel.</p>
Noise can be heard when outputting DTS Digital Audio signals from the <b>DIGITAL OUT</b> terminal.	Is the connected AV receiver or amplifier compatible with DTS Digital Surround?	If an AV receiver or amplifier that is not compatible with DTS Digital Surround is connected to the <b>DIGITAL OUT</b> terminal, set <b>Digital Output</b> to <b>PCM</b> (page 30).
192 kHz or 96 kHz digital audio signals cannot be output from the <b>DIGITAL OUT</b> terminal.		Copyright-protected audio is converted to 48 kHz or less before output. Set <b>96KHz</b> to <b>96KHz</b> or <b>192KHz</b> .
Secondary audio or interactive audio is not output.	<p>Is <b>HDMI Audio Out</b> properly set?</p> <p>Are <b>Digital Output</b> properly set?</p>	<p>When listening to the sound from an <b>HDMI OUT</b> terminal, set <b>HDMI Audio Out</b> to <b>PCM</b> (page 31).</p> <p>When listening to the sound from an <b>DIGITAL OUT</b> terminal, set <b>Digital Output</b> to <b>Re-encode</b> or <b>PCM</b> (page 30).</p>
After a disc is inserted, <b>Loading</b> stays displayed and playback does not start.	Are there too many files recorded on the disc?	When a disc on which files are recorded is inserted, depending on the number of files recorded on the disc, loading may take several dozen minutes.

Problem	Check	Remedy
■ is displayed in file names, etc.		The characters that cannot be displayed on this player are displayed in ■.
A message indicating low memory appears while playing a BD-ROM disc.		<ul style="list-style-type: none"> <li>• Connect a USB device (page 16).</li> <li>• Erase the data stored on the connected USB device from <b>BUDA Setup</b> (page 34).</li> </ul>

## Control function

Problem	Check	Remedy
Control function does not work.	Is the HDMI cable properly connected?	To use the Control function, connect the Flat Screen TV and AV system (AV receiver or amplifier, etc.) to the <b>HDMI OUT</b> terminal (page 13).
	Is the HDMI cable you are using a High Speed HDMI®/™ Cable?	Use a High Speed HDMI®/™ Cable. The Control function may not work properly if an HDMI cable other than a High Speed HDMI®/™ Cable is used.
	Is this player connected to the TV using an HDMI cable to watch the picture?	If video signals are being output from a terminal other than the <b>HDMI OUT</b> terminal, the Control function does not work. Connect to the TV using an HDMI cable (page 13).
	Is <b>Control</b> set to <b>On</b> on the player?	Set <b>Control</b> to <b>On</b> on the player (page 31).
	Does the connected device support the Control function?	<ul style="list-style-type: none"> <li>• The Control function will not work with devices of other brands that do not support the Control function, even when connected using an HDMI cable.</li> <li>• The Control function will not work if devices that do not support the Control function are connected between the Control-compatible device and the player.</li> <li>• See page 13.</li> <li>• Even when connected to a Pioneer product compatible with the Control function, some of the functions may not work.</li> </ul> Also refer to the operating instructions for the connected device.
	Is Control set to On on the connected device?	Set Control to On on the connected device. The Control function operates when Control is set to On for all devices connected to the <b>HDMI OUT</b> terminal. Once connections and settings of all the devices are finished, be sure to check that the player's picture is output to the Flat Screen TV. (Also, check after changing the connected devices and connecting and/or disconnecting HDMI cables.) If the player's picture is not being output to the Flat Screen TV, the Control function may not work properly. For details, refer to the operating instructions of the connected device.
Are multiple players connected?	The Control function may not work if three or more players, including this player, are connected by an HDMI cable.	

## Network

Problem	Check	Remedy
<ul style="list-style-type: none"> <li>• BD-LIVE function (connection to the Internet) cannot be used.</li> <li>• "No valid id file found!" is displayed when I try to update the software.</li> </ul>		Perform <b>Connection Test</b> (page 34). If "Networks is OK." is displayed, check the proxy server settings (page 33). Also, there may be a problem with the Internet connection. Contact your Internet service provider.
Software updating is slow.		Depending on the Internet connection and other conditions, some time may be required to update the software.

Problem	Check	Remedy
A message other than "Networks is OK," is displayed when <b>Connection Test</b> is performed.	Is "Network is FAILED," displayed?	<ul style="list-style-type: none"> <li>• Check that this player and the Ethernet hub (or router with a hub functionality) are properly connected.</li> <li>• If the IP address is obtained using the DHCP server function, check the setting is correct at the <b>Information</b> (page 31). For details on the DHCP server function, see the operating instructions for the Ethernet hub (or router with a hub functionality).</li> <li>• Set the IP address manually.</li> <li>• Check the operation and settings of the DHCP server function of the Ethernet hub (or router with hub functionality). For details on the DHCP server function, see the operating instructions for the Ethernet hub (or router with a hub functionality).</li> <li>• If this player has been set manually, reset the IP address of this player or other components.</li> </ul>
	Is the Ethernet hub (or router with a hub functionality) operating properly?	<ul style="list-style-type: none"> <li>• Check the settings and operation the Ethernet hub (or router with a hub functionality). For details, see the operating instructions for the Ethernet hub.</li> <li>• Reboot the Ethernet hub (or router with a hub functionality).</li> </ul>

## Others

Problem	Check	Remedy
Power does not turn on.	Is the power cord properly connected?	<ul style="list-style-type: none"> <li>• Plug the power cord securely into the power outlet (page 17).</li> <li>• Unplug the power cord, wait several seconds, then plug the power cord back in.</li> </ul>
The player's power turns off automatically.	Is <b>Auto Power Off</b> set to <b>10 min/20 min/30 min</b> ?	If <b>Auto Power Off</b> is set to <b>10 min/20 min/30 min</b> , the player's power turns off automatically if no operation is performed for over 30 minutes (page 33).
The player's power turns on automatically.	Is <b>Control</b> set to <b>On</b> ?	The player's power may turn on together with the power of the TV connected to the <b>HDMI OUT</b> terminal. If you do not want the player's power to turn on when the TV's power is turned on, set <b>Control</b> to <b>Off</b> (page 31).
This unit cannot be operated.		<ul style="list-style-type: none"> <li>• Use within the specified usage temperature range (page 47).</li> <li>• If the power cannot be turned off (set to standby), use a thin rod to press the reset button on the main unit's front panel. The unit restarts, at which point it is again operable.</li> </ul>
The player cannot be operated with the remote control.	Are you operating the remote control from a point too far away from the player? Are the batteries dead?	Operate from within 7 m of the remote control sensor. Replace the batteries (page 5).
Input of the connected TV and AV system switches automatically.	Is <b>Control</b> set to <b>On</b> ?	The input of the TV and AV system (AV receiver or amplifier, etc.) connected to the <b>HDMI OUT</b> terminal may automatically switch to the player when playback starts on the player or the menu screen (Home Media Gallery, etc.) is displayed. If you do not want the inputs of the connected TV and AV system (AV receiver or amplifier, etc.) to switch automatically, set <b>Control</b> to <b>Off</b> (page 31).
Settings I have made have been cleared.	<ul style="list-style-type: none"> <li>• Have you disconnected the power cord while the player's power was on?</li> <li>• Has there been a power failure?</li> </ul>	Always press <b>⏻ STANDBY/ON</b> on the player's front panel or <b>⏻ STANDBY/ON</b> on the remote control and check that <b>POWER OFF</b> has turned off from the player's front panel display before disconnecting the power cord. Be particularly careful when the power cord is connected to the AC outlet on another device because the player turns off in conjunction with the device.



Problem	Check	Remedy
USB (external storage) device does not work with this player properly.	Is the USB device properly connected?	<ul style="list-style-type: none"> <li>• Turn the player's power off, then turn the power back on.</li> <li>• Turn the player's power off, then reconnect the external storage device (page 16).</li> </ul>
	Is the USB device connected via an extension cable?	Do not use an extension cable. The player may not work properly with it.
	Is the external storage device connected to the <b>USB</b> port via a memory card reader or USB hub?	External storage device may not work if connected to the <b>USB</b> port via a memory card reader or USB hub.
	Does the external storage device contain multiple partitions?	External storage devices may not be recognized if they contain multiple partitions.  Some external storage devices may not operate.
	Is the external storage device write-protected?	Turn the player's power off, then disable the write-protection.
Sound of microphone not output	Is the external storage device's file system FAT32, FAT16 or NTFS?	USB devices formatted in the FAT32, FAT16 or NTFS file system can be used.  Turn the player's power off, then turn the power back on.
		<ul style="list-style-type: none"> <li>• Insert the microphone's plug securely into this unit's microphone jack.</li> <li>• Turn on the microphone's power.</li> <li>• Set the karaoke switch setting in the main unit settings to "ON".</li> <li>• Raise the microphone's volume.</li> <li>• Depending on the connection conditions and the medium being played, the sound of the microphone may not be output. Set the <b>HDMI Audio Out</b> or <b>Digital Output</b> setting to <b>PCM</b> (page 30, 31).</li> </ul>

## Glossary

### ❖ Angle (Multi angle)

Up to 9 camera angles can be recorded simultaneously on BD-ROM or DVD-Video discs, letting you view the same scene from different angles.

### ❖ AVCHD (Advanced Video Codec High Definition)

See page 8.

### ❖ BDAV

Of the BD format, the Audio Visual Format Specifications for HD digital broadcast recording is referred to as BDAV on this player and in these operating instructions.

### ❖ BD-J

See page 8.

### ❖ BD-LIVE

See page 8.

### ❖ BDMV

Of the BD format, the Audio Visual Format Specifications designed for pre-packaged high definition (HD) movie contents is referred to as BDMV on this player and in these operating instructions.

### ❖ BONUSVIEW

See page 7.

### ❖ Deep Color

See page 13.

### ❖ Default Gateway

A default gateway is a communication device such as a router which passes data between networks. It is used to direct data to networks on which the destination gateway is not explicitly specified.

### ❖ DHCP (Dynamic Host Configuration Protocol)

This protocol provides configuration parameters (IP address, etc.) for computers and other devices connected to the network.

### ❖ DivX

See page 9.

### ❖ DNS (Domain Name System)

This is a system for associating Internet host names with IP addresses.

### ❖ Dolby Digital

Dolby Digital is an audio format to record the sound in up to 5.1 channels with a fraction of the amount of data as compared to linear PCM audio signals.

### ❖ Dolby Digital Plus

Dolby Digital Plus is an audio format for high-definition media. Built on Dolby Digital, it combines the efficiency and flexibility to provide high quality multi-channel audio. With BD-ROMs, up to 7.1 channels of digital sound can be recorded.

### ❖ **Dolby TrueHD**

Dolby TrueHD is an audio format using lossless coding. With BD-ROMs, up to 8 channels can be recorded at 96 kHz/24 bits, or up to 6 channels at 192 kHz/24 bits.

### ❖ **DRM**

A technology for protecting copyrighted digital data. Digitized videos, images and audio retain the same quality even when they are copied or transferred repeatedly. DRM is a technology for restricting the distribution or playback of such digital data without the authorization of the copyright holder.

### ❖ **DTS Digital Surround**

DTS Digital Surround is an audio format to record 48 kHz/24 bits audio signals in 5.1 channels.

### ❖ **DTS-HD High Resolution Audio**

DTS-HD High Resolution Audio is an audio format using lossy coding. It can record 7.1 channels at 96 kHz/24 bits.

### ❖ **DTS-HD Master Audio**

DTS-HD Master Audio is an audio format using lossless coding. With BD-ROMs, 7.1 channels can be recorded at 96 kHz/24 bits, or 5.1 channels at 192 kHz/24 bits.

### ❖ **Ethernet**

A standard for local area networks (LANs) used to connect multiple computers, etc. in the same location. This player supports 100BASE-TX.

### ❖ **Frames and fields**

A frame is the unit for one of the still pictures which compose motion pictures. One frame consists of a picture of odd lines and a picture of even lines called fields in video signal with interlaced scan method (576i, 1080i, etc.).

### ❖ **HDMI (High-Definition Multimedia Interface)**

See page 13.

### ❖ **Interactive audio**

The audio signals recorded in the titles of BD-ROMs. They include for example the clicking sound made when the menu screen is operated.

### ❖ **Interlaced scan**

With this method, one picture is displayed by scanning it twice. The odd lines are displayed in the first pass, the even lines are displayed in the second, to form a single picture (frame). Interlaced scan is indicated in this player and operating instructions by an "i" after the resolution value (for example, 576i).

### ❖ **IP address**

An address that identifies a computer or other device connected to the Internet or local area network. It is represented a number in four sections.

### ❖ **Linear PCM**

This is referred as the audio signals that are not compressed.

### ❖ **MAC (Media Access Control) address**

A hardware identification number assigned specifically to the network device (LAN card, etc.).

### ❖ **MPEG (Moving Picture Experts Group)**

The name of a family of standards used to encode video and audio signals in a digital compressed format. The video encoding standards include MPEG-1 Video, MPEG-2 Video, MPEG-4 Visual, MPEG-4 AVC, etc. The audio encoding standards include MPEG-1 Audio, MPEG-2 Audio, MPEG-2 AAC, etc.

### ❖ **Parental Lock**

See page 34.

### ❖ **Picture-in-Picture (P-in-P)**

This is a function for superimposing a sub video on the main video. Some BD-ROMs include secondary video, which can be superimposed on the primary video.

### ❖ **Port number**

This is a sub-address provided below the IP address for simultaneously connecting to multiple parties during Internet communications.

### ❖ **Progressive scan**

With this method, one picture is consisted of a single picture, without dividing it in two pictures. Progressive scan provides clear pictures with no flicker, in particular for still pictures that contain much text, graphics, or horizontal lines. Progressive scan is indicated in this player and operating instructions by a "p" after the resolution value (for example, 576p).

### ❖ **Proxy server**

This is a relay server for ensuring fast access and safe communications when connecting to the Internet from an internal network.

### ❖ **Region number**

See page 8.

### ❖ **Secondary audio**

Some BD-ROMs include sub audio streams mixed with the main audio stream. These sub audio streams are called "secondary audio". On some discs this secondary audio is recorded as the audio for the secondary video.

### ❖ **Secondary video**

Some BD-ROMs include sub videos superimposed on the main videos using the Picture-in-Picture function. These sub videos are called "secondary video".

### ❖ **Subnet mask**

This is used to identify which part of the IP address corresponds to the subnet (a separately managed network). The subnet mask is expressed as '255.255.255.0'.

### ❖ **USB (Universal Serial Bus)**

USB is the industry standard for connecting peripherals to PCs.

### ❖ **VC-1**

A video codec developed by Microsoft and standardized by the Society of Motion Picture and Television Engineers (SMPTE). Some BDs include videos encoded in this codec.

### ❖ **x.v.Color**

See page 13.

# Specifications

<b>Model</b>	BDP-3220K		
<b>Type</b>	Blu-ray 3D™ PLAYER		
<b>Rated voltage</b>	AC 110 V to 240 V		
<b>Rated frequency</b>	50 Hz/60 Hz		
<b>Power consumption</b>	13 W		
<b>Power consumption (standby)</b>	0.3 W		
<b>Weight</b>	1.2 kg		
<b>External dimensions (including projecting parts)</b>	360 mm (W) x 39 mm (H) x 218 mm (D)		
<b>Tolerable operating temperature</b>	+5 °C to +35 °C		
<b>Tolerable operating humidity</b>	5 % to 85 % (no condensation)		
<b>Output terminals</b>	<b>HDMI</b>	1 set, 19-pin: 5 V, 250 mA	
	<b>Video outputs</b>	1 set, RCA jack: 1.0 Vp-p (75 Ω)	
	<b>Audio outputs</b>	<b>2-channel (left/right)</b>	1 set, RCA jacks
		<b>Audio output level</b>	200 mVrms (1 kHz, -20 dB)
		<b>Frequency response</b>	4 Hz to 88 kHz (192 kHz sampling)
	<b>Digital audio outputs</b>	<b>Coaxial</b>	1 set, RCA jacks
<b>LAN</b>	1 set, Ethernet jack (10BASE-T/100BASE-TX)		
<b>USB</b>	1 set, Type A		



## Note

- The specifications and design of this product are subject to change without notice.
- This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.
- Corporation and product names mentioned herein are trademarks or registered trademarks of the respective corporations.

感謝您購買本項先鋒產品。請詳閱本份操作手冊，方便您正確地操作本項裝置。而在您閱讀過後，請將手冊妥為保存，以備未來參考。

## 注意

為避免觸電危險，請勿拆卸上下蓋（或背面板），以避免觸電或受傷，機內無任何可供維修使用的零件，若需維修服務請聯絡專業維修人員。

D3-4-2-1-1\_B1\_Zhtw

## 注意

本產品為第一級雷射產品，依雷射產品的安全性規範 IEC 60825-1:2007，但本產品具有高於第一級之雷射二極體。為確保其安全性，請勿移動任何機蓋或嘗試接觸本機內部。

請向專業技術人員尋求協助服務。

### 第一級雷射產品

下列注意標籤需貼於您的機組上。

位置：本機後面板。

CAUTION – CLASS 2 LASER  
RADIATION WHEN OPEN  
DO NOT STARE INTO THE BEAM

D58-5-2-2b\*\_B1\_Zhtw

## 警告

為防止火災，請勿將明火源（如點燃的蠟燭）放置於本機上。

D3-4-2-1-7a\*\_A1\_Zhtw

## 通風注意事項

安裝本機時，請確定在本機四周預留足夠的空間以利通風（頂部10 cm、背面10 cm、及兩側10 cm以上）。

## 警告

機殼上具有之縫隙及開口用於通風，以確保本產品之正常操作並防止過熱。為避免火災，請勿堵塞開口或用物品（如報紙、桌布、簾幕）將其覆蓋，也請勿在厚毯或床上操作本機。

D3-4-2-1-7b\*\_A1\_Zhtw

## 操作環境

操作環境溫度與溼度：

+5 °C 至 +35 °C (+41 °F 至 +95 °F)；小於85 %RH（勿堵塞冷卻孔）

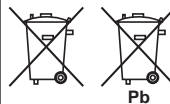
請勿在通風不良處、暴露於高溼度或陽光直射（或強烈的人造光源）的場所安裝本機。

D3-4-2-1-7c\*\_A1\_Zhtw

本產品只適宜一般家庭用途。如果是由於應用在其他非家庭用途（如做為商業用途而長期使用於餐廳中，或者使用於汽車或船中）而導致發生故障並需要修理，在保用期間必須承擔修理費用。

K041\_A1\_Zhtw

（電池的範例符號）



這些符號僅在歐盟中有效。

K058c\_A1\_Zhtw

## 電源線注意事項

請手持插頭部分挪動電源線。拔下插頭時勿拉拽電源線，且勿用濕手去碰電源線，因為這樣可能會導致短路或電擊。勿將本裝置、家具或其他物件壓在電源線上，或以其他方式擠壓電源線。切勿將電源線打結或和其他的線綁縛。電源線的佈線應防止被人踩在上面。電源線受損可能會導致火災，或造成人員觸電。經常檢查電源線。如果您發現電源線受損，請就近至先鋒公司授權維修中心或銷售商進行更換。


K002\*\_A1\_Zhtw

## 警告

本機不防水。為防止起火或觸電事故，請勿將本機置放於任何盛裝液體的容器（如花瓶或花盆）附近或將其暴露於漏水、濺水、雨中或潮濕環境中。

D3-4-2-1-3\*\_A1\_Zhtw

## 注意

本機  **STANDBY/ON** 開關不完全將電源自交流電插座切斷。因電源線為本機主要電源切斷裝置，您需要將插頭拔除以切斷所有電力。因此，請確認本機安裝時電源線可輕易自交流電插座拔除以防止意外。為防止火災，當本機處於長時間未使用之情形（如假期中）時，請將主電源插頭自牆上插座拔除以切斷電源。

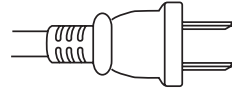
D3-4-2-2a\*\_A1\_Zhtw

台灣地區專用



「廢電池請回收」

用於台灣地區  
台灣雙腳扁平插頭



K056\_A1\_Zhtw

#### 觀看3D的注意事項

- 若您在觀看3D影像時感到疲倦或不適，請停止觀賞。
- 尤其是6歲以下孩童可能更容易感到疲倦或不適，在孩童觀看時，監護人應注意孩童是否出現任何疲倦或不適的徵兆。
- 觀看3D影像時，請按時休息。  
長時間觀看3D影像而不休息可能會造成感到疲倦或不適。

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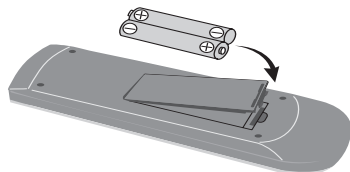
## 第 1 章

# 使用前

## 包裝內容物

- 遙控器 x 1
- 視訊／音訊連接線（黃色／白色／紅色插頭）x 1
- AAA/R03 乾電池 x 2
- 電源線
- 軟體授權通知
- 操作手冊（本手冊）
- 保固卡

## 安裝遙控器電池



- 1 打開後蓋。
- 2 插入電池（AAA/R03 x 2）。  
依 ⊕/⊖ 標記所示插入電池槽中。

- 3 關閉後蓋。  
緊緊關上（應會聽到「喀」一聲）。

您可利用播放機隨附的電池檢查產品操作，但無法持續太久。建議使用可延長使用壽命的鹼性電池。

### ⚠ 警告

- 切勿在車內或加熱設備附近等受到陽光直射或其他過熱的場合中使用或存放電池。否則不僅會導致電池漏液、過熱、爆炸或起火。還會減少電池的使用壽命或效能。

### ⚠ 小心

- 切勿使用任何非指定的電池。此外，請勿混用新舊電池。
- 將電池裝入遙控器時，請依極性標記（⊕ 和 ⊖）所示朝正確極性方向放入。
- 插入電池後，請確定不要破壞電池（⊖）端子上的彈簧。這會造成電池洩漏或過熱。

- 切勿加熱、拆解電池，或將它們投入火源或水中。
- 看起來類似的電池仍可能有不同的電壓。請勿混用不同種類的電池。
- 為了避免電池液洩漏，如果打算長時間不使用遙控器（一個月或以上），請取出電池。如果電池液洩漏，請小心擦乾淨電池槽的內部，然後插入新電池。如果電池漏液且液體沾到您的皮膚，請用大量清水沖洗。
- 處理廢舊電池時，請遵守政府條例或適用於貴國或地區的環境公共指令規則。

## 軟體更新

先鋒網站附有本播放機的產品資訊。請檢查此網站是否有本 Blu-ray disc 播放機的更新及服務資訊。

香港：

<http://www.pioneerhongkong.com.hk/>

新加坡：

<http://www.pioneer.com.sg/firmwaredownload>

# 01 可播放的碟片／檔案類型

## 可播放碟片

本播放機可播放碟片標籤、包裝或封套上有以下所示標誌的碟片。

### ⚠️ 小心

- 只有已終結的碟片才能播放。

碟片類型	標誌	應用程式格式					
		BDMV	BD-VA	DVD-Video	DVD VR	CD-DA DTS-CD	DATA- DISC <sup>1</sup>
BD <sup>2</sup>	BD-ROM	✓	✓	X	X	X	X
	BD-R	✓	✓	X	X	X	✓
	BD-RE	✓	✓	X	X	X	✓
DVD	DVD-ROM	✓	X	✓	X	X	✓
	DVD-R <sup>2,3,4</sup>	✓ <sup>5</sup>	✓ <sup>6</sup>	✓	✓	X	✓
	DVD-RW <sup>3,7</sup>	✓ <sup>5</sup>	✓ <sup>6</sup>	✓	✓	X	✓
	DVD+R <sup>2,3</sup>	✓	X	✓	X	X	✓
	DVD+RW <sup>3</sup>	✓	X	✓	X	X	✓
CD	CD-DA (音訊 CD) <sup>8</sup>	X	X	X	X	✓	X
	CD-R <sup>3</sup>	X	X	X	X	✓	✓
	CD-RW <sup>3</sup>	X	X	X	X	✓	✓
	CD-ROM	X	X	X	X	✓	✓

1. 已錄製視訊、影像或音訊檔的碟片。本播放機不支援分次寫入碟片或多邊錄製。

2. 包括雙層碟片。

3. 包括 AVCHD 格式。

4. 無法播放適用於編排碟片 (3.95 與 4.7 GB) 的 DVD-R。

5. 包括 AVCHD 格式。

6. 包括 AVCREC 格式。

7. 無法播放 1.0 版的 DVD-RW 碟片。

8. 包括 VCD。



- 「Blu-ray Disc」、「Blu-ray」及「Blu-ray Disc」標誌皆為Blu-ray Disc 聯合會的商標。
-  是 DVD Format/Logo Licensing Corporation 的商標。

### ❖ 無法播放的碟片

- HD DVD
- DVD-RAM 碟片

而且本機也有可能無法播放以上清單所列以外的碟片。

### 附註

- 即使顯示前一頁的其中一個標誌記號，有些碟片仍然無法播放。
- 若要播放 8 cm 碟片，請將碟片裝入碟盤中央的 8 cm 碟片圓孔。不需要轉接器。本播放機無法播放 8 cm BD-ROM 碟片。

### ❖ 關於播放未授權拷貝內容

#### Cinavia 公告

本產品採用 Cinavia 技術來限制使用未授權的商業電影及視訊與原聲帶拷貝內容。偵測到禁止使用的未授權拷貝內容時，將顯示訊息並中止播放或複製。

有關 Cinavia 技術的詳細資訊可至 Cinavia Online Consumer Information Center 查詢，網址：  
<http://www.cinavia.com>。如要請求以郵件告知有關 Cinavia 的詳細資訊，請寄送附上您郵寄地址的明信片至：Cinavia Consumer Information Center, P.O. Box 86851, San Diego, CA, 92138, USA。

版權所有 2004-2010 Verance Corporation。Cinavia™ 是 Verance Corporation 的商標。本產品受美國專利編號 7,369,677 及全球各國核准及申請中之專利權保護，並由 Verance Corporation 授權。版權所有。

### ❖ 關於版權保護

本版權保護技術適用於部分 Blu-ray Discs™、DVD 和在網際網路或其他網路上播放之內容。版權保護技術會限制播放及類比輸出。由於版權保護規定不時更新，所以限制可能會因購買產品之日期而異。此外，在購買產品後更新軟體也可能會更新限制。

### ❖ 關於音訊格式

本播放機支援下列音訊格式：

- Dolby TrueHD
- Dolby Digital Plus
- Dolby Digital
- DTS-HD Master Audio
- DTS-HD High Resolution Audio
- DTS Digital Surround
- MPEG 音訊 (AAC)
- 線性 PCM

若要以 Dolby TrueHD、Dolby Digital Plus、DTS-HD Master Audio 和 DTS-HD High Resolution Audio 享受環繞聲，請使用 HDMI 連接線將播放機連接至與這些音訊格式相容的影音接收器或擴大器。載入含有這些音訊格式其中之一的聲音的 BD 後，在選單畫面上選擇音訊格式。

本產品經過杜比實驗室的授權而製造。「Dolby」和雙 D 記號是杜比實驗室的註冊商標。

本機係根據美國專利編號 5,956,674、5,974,380、6,226,616、6,487,535、7,392,195、7,272,567、7,333,929、7,212,872 和已核准與申請中之其他美國和世界專利的授權製造。DTS-HD、符號、DTS-HD 與 DTS-HD 符號皆為 DTS-HD Master Audio 的註冊商標 | Essential 為 DTS, Inc 的商標。產品內含軟體。© DTS, Inc. 版權所有。

### ❖ 播放 BD

- 本播放機可播放與下列格式相容的 BD (BDMV)。
  - Blu-ray Disc 唯讀 (ROM) 格式版本 2
  - Blu-ray Disc 可燒錄 (R) 格式版本 2
  - Blu-ray Disc 可重複燒錄 (RE) 格式版本 3
- 本播放機支援 BD-ROM Profile 5。



「Blu-ray 3D」及「Blu-ray 3D」標誌皆為Blu-ray Disc 聯合會的商標。

您可以使用播放第二視訊 (子母畫面) 和第二音訊等的 BONUSVIEW 功能。搭配 BONUSVIEW 功能使用的資料 (第二視訊 (子母畫面) 和第二音訊資料) 可儲存在儲存裝置中。如需有關第二視訊與播放第二音訊的詳細資料，請參閱碟片的指示。

## BONUSVIEW™

「BONUSVIEW」是 Blu-ray Disc 聯合會的商標。

透過網際網路可以使用下載電影預告片、其他音訊和字幕語言與播放線上遊戲等的 BD-LIVE 功能。使用 BD-LIVE 功能下載的資料 (預告片等) 儲存在儲存裝置中。如需有關 BD-LIVE 功能的詳細資訊，請參閱碟片的說明。



「BD-LIVE」標誌是 Blu-ray Disc 聯合會的商標。

透過 BD-ROM 可以使用 BD-J (Java) 應用程式來建立高度互動的標題，包括遊戲。



Oracle 和 Java 是 Oracle 和 (或) 其關係公司的註冊商標。其他名稱為各商標持有人所擁有之商標。

- 本播放機可播放與下列格式相容的 BD (BD-RE) 格式版本 1
  - Blu-ray Disc 可燒錄 (R) 格式版本 1
  - Blu-ray Disc 可重複燒錄 (RE) 格式版本 2

### ❖ 播放 DVD



此標籤指示與 VR 格式 (視訊錄製格式) 燒錄的 DVD-RW 碟片的播放相容性。對於僅以燒錄一次加密程式燒錄的碟片，只能使用 CPRM 相容裝置來播放。

AVCHD 是一種高傳真 (HD) 數位攝錄影機格式，使用高效率的轉碼技術將高傳真影像錄製在特定媒體上。



「AVCHD」和「AVCHD」標誌是 Panasonic Corporation 和 Sony Corporation 的商標。

### ❖ 關於區碼

請根據銷售地區來指定 Blu-ray Disc 播放機和 BD-ROM 或 DVD-Video 碟片的區碼。

本播放機的區碼為：

- BD-ROM : A
- DVD-Video : 3

本播放機無法播放沒有這些號碼的碟片。本播放機可播放的碟片如下所示。

- BD : A (包括 A) 和 ALL
- DVD : 3 (包括 3) 和 ALL

### ❖ 播放 CD

關於防盜拷 CD：此播放機乃是設計為符合音訊 CD 格式的規格。此播放機不支援不符合這些規格的碟片的播放與提供的功能。

### ❖ DualDisc 播放

DualDisc 是一種雙面碟片，一面包含 DVD 內容 (視訊、音訊等)，而另一面則包含非 DVD 內容，例如數位音訊內容。

DualDisc 的 DVD 面可在此播放機上播放。

該碟片非 DVD、音訊內容的一面，則與本播放機不相容。

置入或退出 DualDisc 時，可能會刮傷非播放面。刮傷的碟片可能無法再播放。

有關更多 DualDisc 規格的詳細資訊，請洽詢碟片製造商或零售商。

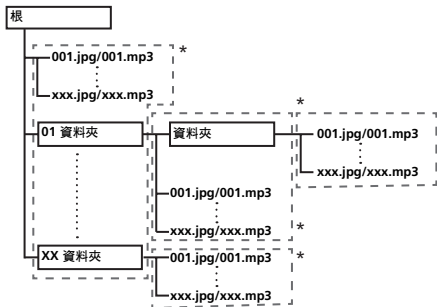
### ❖ 播放在電腦或 BD/DVD 燒錄器上製作的碟片

- 由於應用程式設定或電腦環境設定的原因，可能無法播放使用電腦燒錄的碟片。請用本播放機可播放的格式錄製碟片。如需詳細資料，請洽詢經銷商。
- 如果燒錄品質因碟片特性、刮傷、碟片污垢、燒錄頭上的污垢等而不良，使用電腦或 BD/DVD 燒錄器燒錄的碟片可能無法在本機上播放。

## ❖ 關於視訊、音訊及影像檔案和資料夾

建立如下述的碟片或 USB 裝置上的資料夾時，在本播放機上可播放音訊及影像檔案。

資料夾架構範例：



\* 單一資料夾內的資料夾及檔案數量（包括根目錄）上限為 256。此外，請維持資料夾層級最大數量為 5。



### 附註

- 在本播放機上顯示的檔案及資料夾名稱可能與在電腦上顯示的不同。

## 可播放檔案

本播放機可以播放 BD、DVD、CD 或 USB 裝置上錄製的視訊、影像和音訊檔。

### ❖ 支援的視訊檔格式

- Real RMVB



Real RMVB 標誌是 RealNetworks, Inc. 的商標或註冊商標。

- DivX Plus HD

DivX Certified<sup>®</sup> 可播放 DivX<sup>®</sup> 及高達 1080p HD 的 DivX Plus<sup>™</sup> HD (H.264/MKV) 視頻，包括付費內容。

關於 DivX 影片：DivX<sup>®</sup> 是 Rovi Corporation 的子公司 DivX, LLC 創建的數位影片格式。這是可播放 DivX 影片的 DivX Certified<sup>®</sup> 官方認證裝置。如需進一步資訊以及可用來轉檔成 DivX 影片的軟體工具，請造訪 [divx.com](http://divx.com)。

關於 DivX 隨選影片：此 DivX Certified<sup>®</sup> 裝置必須註冊，才能播放所購買的 DivX 隨選 (VOD) 影片。若要取得註冊碼，請在裝置設定選單中尋找 DivX VOD 區段。有關如何完成註冊的進一步資訊，請移步至 [vod.divx.com](http://vod.divx.com)。



DivX<sup>®</sup>、DivX Certified<sup>®</sup>、DivX Plus<sup>™</sup> HD 和相關標誌是 Rovi Corporation 或其子公司的商標，經授權許可使用。



### 附註

- 必須註冊此 DivX<sup>®</sup> 認證的裝置才能播放 DivX 隨選視訊 (VOD) 內容。在註冊程序期間，會先產生供您的裝置使用的 DivX VOD 註冊碼，然後送出該代碼。重要事項：DivX VOD 內容受 DivX DRM (數位版權管理) 系統的保護，限制在已註冊的 DivX 認證裝置上播放。如果您嘗試在您未經授權的裝置上播放 DivX VOD 內容，將顯示訊息 **Authorization Error** 且無法播放您的內容。若要瞭解更多資訊，請前往 [www.divx.com/vod](http://www.divx.com/vod)。
  - 在 **HOME MENU** → **Initial Setup** → **Playback** → **DivX<sup>®</sup> VOD DRM** → **Registration Code** 可以查詢本播放機的 DivX VOD 登錄碼 (第 32 頁)。
  - 某些 DivX VOD 檔案的觀賞次數受到限制。在本播放機上播放此類檔案時，會顯示剩下的觀賞次數。無法播放剩下觀賞已達到零的檔案 (顯示 **This DivX rental has expired**)。如果是觀賞次數不受限制的檔案，您想播幾次就可以播幾次 (不顯示剩下的觀賞次數)。

# 01 ❖ 可播放檔案表

可播放檔案 (副檔名)	可播放媒體		檔案規格
	BD-R/RE/-R DL/ RE DL/-R LTH, DVD-R/RW/-R DL/+R/ +RW/+R DL, CD-R/RW	USB 裝置 <sup>1</sup>	
MP3 (.mp3)	✓	✓	取樣訊率：高達 48 kHz 位元率：高達 320 kbps 音訊類型：MPEG-1 Audio Layer 3
WMA (.wma)	✓	✓	取樣訊率：高達 48 kHz 位元率：高達 192 kbps 音訊類型：WMA 版本 9
AAC (.m4a)	✓	✓	取樣訊率：高達 96 kHz 位元率：高達 192 kbps 音訊類型：MPEG4-AAC
LPCM (.wav)	✓	✓	取樣訊率：高達 192 kHz 量化位元率：16 位元 聲道：雙聲道
FLAC (.flac)	✓	✓	取樣訊率：高達 192 kHz 量化位元率：16 位元、24 位元 聲道：雙聲道
JPEG (.jpg/.jpeg)	✓	✓	最大解析度：4 000 x 3 000 畫素
DivX (.avi/.divx/.mkv)	✓	✓	支援的版本：透過 DivX <sup>®</sup> PLUS HD 最大解析度： 高達 1 920 x 1 080 (DivX <sup>®</sup> PLUS HD) 可高達 1 280 x 720 (MKV)
MP4 (.mp4)	✓	✓	最大解析度：可高達 1 920 x 1 080 視訊：MPEG4、MPEG-4 AVC (位準 4.1) 音訊：AAC、MP3
WMV (.wmv)	✓	✓	最大解析度：可高達 1 280 x 720 視訊：WMV9, WMV9AP (VC-1) 音訊：WMA
AVI (.avi)	✓	✓	最大解析度：可高達 1 920 x 1 080 視訊：MPEG4 音訊：WMA、AAC、AC-3
3GP (.3gp)	✓	✓	最大解析度：高達 1 920 x 1 080、高達 8 Mbps 視訊：H.263、MPEG4、H.264 音訊：MPEG-4 AAC
FLV (.flv)	✓	✓	視訊：Sorenson H.263 (FLV1)、On2 VP6 (FLV4)、 畫面視訊、H.264 音訊：MP3、ADPCM、線性 PCM、Nellymoser、 Speex、AAC、HE-AAC
RMVB (.rm/.rmvb)	✓	✓	最大解析度：可高達 1 280 x 720 視訊：RealVideo <sup>®</sup> 音訊：RealAudio <sup>®</sup> 、AAC

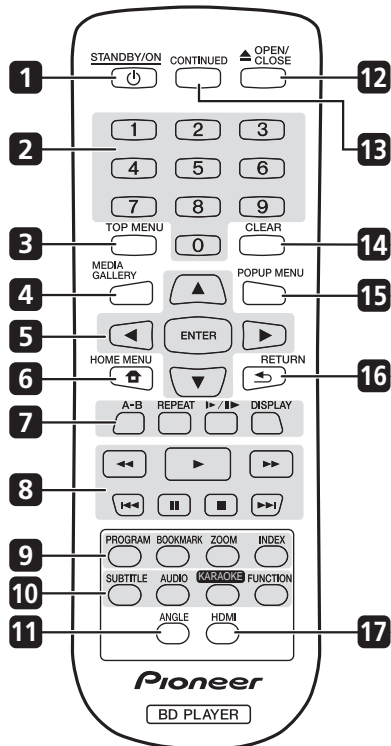
1. 本機支援 FAT16、FAT32 及 NTFS 檔案系統。

## 附註

- 視檔案架構及伺服器容量而定，可能無法播放特定檔案，即使是上表列出的可播放檔案也可能無法播放。

# 零件名稱與功能

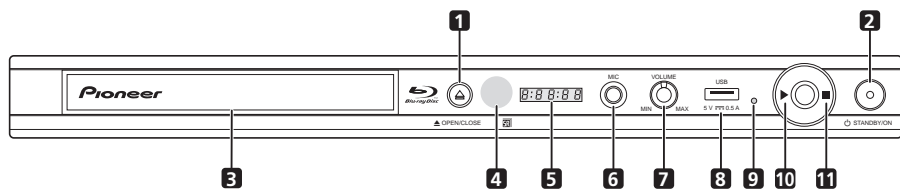
## 遙控器



- 1 **STANDBY/ON** – 按下可開啟或關閉電源。
- 2 **數字按鍵** – 使用這些按鍵選擇和播放您要觀看或聆聽的標題／章節／曲目，然後從選單中選擇項目。
- 3 **TOP MENU** – 按下可顯示 BD-ROM 或 DVD-Video 的頂部選單。
- 4 **MEDIA GALLERY** – 造訪或離開 HomeMedia Gallery 選單。
- 5 **▲/▼/◀/▶** – 用於選擇項目、更改設定和移動游標。  
**ENTER** – 按下以執行所選擇的項目，或輸入已更改的設定等。

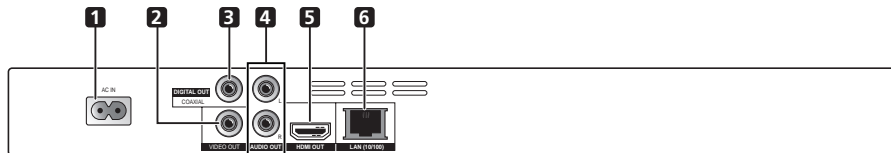
- 6 **HOME MENU** – 造訪或離開設定選單。
- 7 **A-B** – 重複播放 A 至 B 部分。  
**REPEAT** – 選擇各種重複播放模式。  
**▶/||▶** – 逐格快轉播放。  
**DISPLAY** – 顯示尋找標題、章節或曲目的視窗。
- 8 **▶** – 開始播放。  
**■** – 暫停／停止播放。  
**||** – 暫停播放。  
**◀◀** – 按下可跳到上一個標題／章節／曲目／檔案的開頭。  
**▶▶** – 按下可跳到下一個標題／章節／曲目／檔案的開頭。  
**◀◀/▶▶** – 按下以掃描快速倒轉／快速搜尋。
- 9 **PROGRAM** – 在 CD/DVD/VCD 播放期間依喜好的順序設定曲目／章節。  
**BOOK MARK** – 在播放期間將任意時間點設為書籤。  
**ZOOM** – 在播放期間縮小／放大。  
重複按以選擇播放機中不同的畫面。  
**INDEX** – 在播放 JPEG 光碟期間，按下以檢視有 12 縮圖影像的頁面。此按鍵只能在 JPEG 模式中使用。
- 10 **SUBTITLE** – 重複按以選擇光碟中不同的字幕。  
**AUDIO** – 重複按以選擇光碟中的音訊串流。  
**KARAOKE** – 按下以顯示卡拉 OK 設定畫面。  
**FUNCTION** – 顯示控制資訊的視窗。
- 11 **ANGLE** – 在播放期間切換拍攝角度。
- 12 **▲ OPEN/CLOSE** – 開啟／關閉碟片托盤。
- 13 **CONTINUED** – 從標記的時間點開始播放。
- 14 **CLEAR** – 按下以清除數字等。
- 15 **POP UP MENU/MENU** – 按下可顯示 BD-ROM 或 DVD-Video 選單。
- 16 **↶ RETURN** – 按下以返回上一個畫面。
- 17 **HDMI** – 變更 HDMI 視訊輸出的解析度以配合電視。

## 01 前面板



- 1 ▲ OPEN/CLOSE – 按下以開啟或關閉碟盤。
- 2 ⏻ STANDBY/ON – 按下可開啟或關閉電源。
- 3 碟盤
- 4 遙控感應器 – 將遙控器指向本感應器，然後在大約 7 m 內操作它。  
如果附近有螢光燈，本播放機可能會無法擷取遙控訊號。如果發生這種情況，請將播放機移往遠離螢光燈的位置。
- 5 前面板顯示幕
- 6 MIC
- 7 音量 – 用於調整麥克風音量。
- 8 USB 連接埠 – (第 16 頁)
- 9 重設按鍵 – 若無法關閉電源（設為待機），請使用細桿壓下此按鍵。本機重新啟動，並重新自可操作的時間點執行。
- 10 ▶ – 按下以開始播放。
- 11 ■ – 按下以停止播放。

## 後面板



- 1 AC IN 接頭 – 連接隨附的電源線。
- 2 VIDEO OUT 端子 – (第 15 頁)
- 3 DIGITAL OUT (COAXIAL) 端子 – (第 16 頁)
- 4 AUDIO OUT 端子 – (第 15 頁)
- 5 HDMI OUT 端子 – (第 13 頁)
- 6 LAN (10/100) 端子 – (第 17 頁)

## 第 2 章

# 接線方式

確定在每次接線或變更接線之前，關閉電源並從電源插座上拔下電源線。

連接後，根據連接的連接線類型在 **Setup Navigator** 或 **Initial Setup** 選單中進行設定（第 18 頁）。

另請參閱所連接裝置的操作手冊。

## 使用 HDMI 連接線連接

音訊和視訊訊號可以傳送至 HDMI 相容裝置，因為數位訊號不會損失聲音或視訊品質。



### 附註

- 根據連接的 HDMI 相容裝置在 **Setup Navigator** 選單進行設定（第 18 頁）。
- 1080p 視訊訊號是否輸出視正在使用的 HDMI 連接線而定。

## 關於 HDMI

本播放機結合高傳真多媒體介面（HDMI®）技術。

# HDMI

HDMI 一詞及 HDMI High-Definition Multimedia Interface 和 HDMI Logo 皆為 HDMI Licensing, LLC 在美國及其他國家的註冊商標。

本播放機支援 Deep Color 功能。

傳統的播放機以 YCbCr 4:4:4 或 RGB 格式傳送有 8 位元顏色深度的視訊訊號，支援 Deep Color（深色）的播放機會傳送每個顏色成份大於 8 位元的顏色位元深度的視訊訊號。本機連接至支援 Deep Color 的電視機可以再次重現精緻的漸層。

本產品與有能力根據 xvYCC 規格落實寬色域顏色空間的「x.v.Color」相容。

本機連接至「x.v.Color」相容電視機時，在本播放機上播放符合「xvYCC」標準的視訊訊號，擴充顏色再現功能，讓自然色的呈現比以前更逼真。「x.v.Color」（x.v. 顏色）是提供給產品的宣傳名稱，該產品有能力根據 xvYCC 定義的國際標準規格來落實寬色域顏色空間。

## x.v.Color

「x.v.Color」和 **x.v.Color** 是 Sony Corporation 的商標。

### ❖ 可透過 HDMI OUT 端子播放的音訊訊號

- Dolby TrueHD
- Dolby Digital Plus
- Dolby Digital
- DTS-HD Master Audio
- DTS-HD High Resolution Audio
- DTS Digital Surround
- 線性 PCM

符合下列條件的線性 PCM 音訊訊號可以輸出：

- 取樣頻率：32 kHz 至 192 kHz
- 聲道數目：高達 8（192 kHz 取樣頻率的聲道數目高達 6）

### ❖ 連接至 DVI 裝置時

- 無法連接與 HDCP 不相容的 DVI 裝置（例如電腦顯示器）。HDCP 是一種保護 DVI/HDMI 介面的影音內容的規格。
- 未輸出音訊訊號。使用音訊連接線連接。
- 本播放機針對與 HDMI 相容裝置連接而設定。連接至 DVI 裝置時操作是否正常視 DVI 裝置而定。

## 關於 HDMI 控制功能

使用 HDMI 連接線將 HDMI 控制功能相容的先鋒平面電視或影音系統（影音接收器或擴大器等）與播放機相連時，該功能即發揮作用。

另請參閱平面電視和影音系統（影音接收器或擴大器等）的操作手冊。

## ❖ 使用 HDMI 控制功能

- HDMI 控制功能設為用於以 HDMI 連接線連接的所有裝置為 On 時，HDMI 控制功能才能作用。
- 完成所有裝置的接線和設定時，請務必檢查輸出至平面電視的播放機影像。(另請在變更連接裝置和重新連接 HDMI 連接線後檢查。) 如果播放機的影像未正常輸出至平面電視，則 HDMI 控制功能可能無法正常作用。
- 使用 HDMI 控制功能時，使用 High Speed HDMI<sup>®</sup>/TM Cable。HDMI 控制功能在使用其他 HDMI 連接線時可能無法正常作用。
- 對於部分機型而言，HDMI 控制功能也稱為「KURO LINK」或「HDMI Control」。
- HDMI 控制功能無法搭配其他品牌的裝置使用，即使是本機使用 HDMI 連接線連接。

## ❖ HDMI 控制功能有什麼作用

- **輸出最佳影像畫質至相容於 HDMI 控制功能的平面電視。**  
啟用 HDMI 控制功能後，就會從播放機的 HDMI 端子輸出用於 HDMI 控制功能的最佳影像畫質的視訊訊號。
- **使用平面電視的遙控器操作播放機。**  
從平面電視上可以執行開始和停止播放與顯示選單等播放機操作。
- **播放機的播放影像顯示在平面電視的螢幕上。(自動選擇功能)**  
從播放機開始播放，或顯示 HOME MENU 時，自動切換平面電視和影音系統(影音接收器或擴大機等)上的輸入。切換輸入時，播放影像、HOME MENU 顯示在平面電視上。
- **平面電視及播放機的電源會自動開啟及關閉。(同步電源功能)**  
播放機已開始播放，或顯示 HOME MENU 時，如果平面電視電源已關閉，則平面電視的電源會自動開啟。平面電視的電源關閉時，播放機的電源會自動關閉。

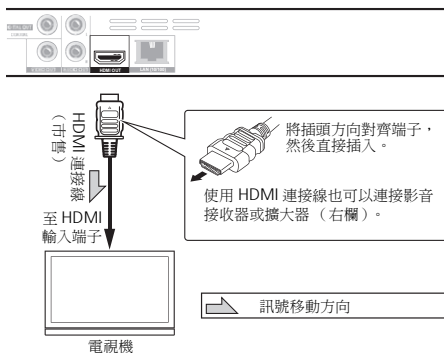
## 連接電視機

請參閱右欄的**連接影音接收器或擴大器** 以使用 HDMI 連接線連接影音接收器或擴大器。



- 連接和拔除連接線時，請握住插頭。
- 在插頭上放置重物可能導致接觸不良且無法輸出任何視訊訊號。

播放機的後面板





## 連接影音接收器或擴大器

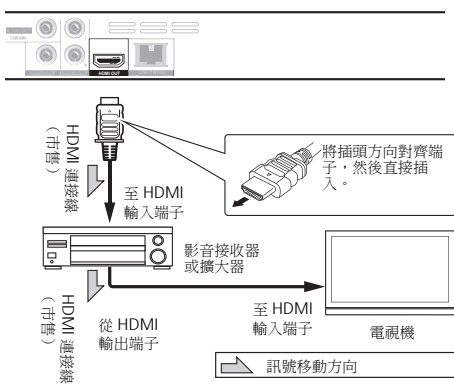
連接至可享受 Dolby TrueHD、Dolby Digital Plus、Dolby Digital、DTS-HD Master Audio、DTS-HD High Resolution Audio 或 DTS Digital Surround 環繞聲的影音接收器或擴大器。如需有關將電視機和揚聲器連接至影音接收器或擴大器的指示，請參閱影音接收器或擴大器的操作手冊。



**小心**

- 連接和拔除連接線時，請握住插頭。
- 在插頭上放置重物可能導致接觸不良且無法輸出任何視訊訊號。

播放機的後面板



## 連接視訊和音訊連接線



**附註**

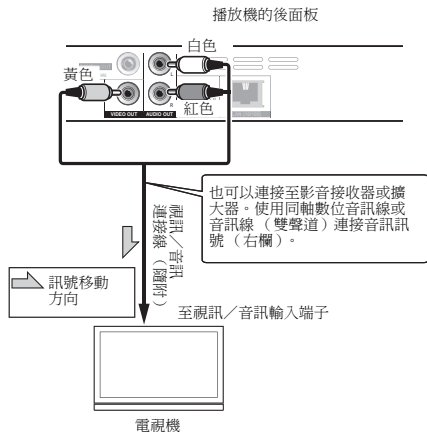
- 根據連接的連接線類型在 **Setup Navigator** 選單中進行設定（第 18 頁）。
- 若要自本播放機輸出視訊訊號，請使用下列視訊連接線連接（不包括使用 HDMI 連接線連接時）。

### 使用視訊／音訊線連接電視機



**小心**

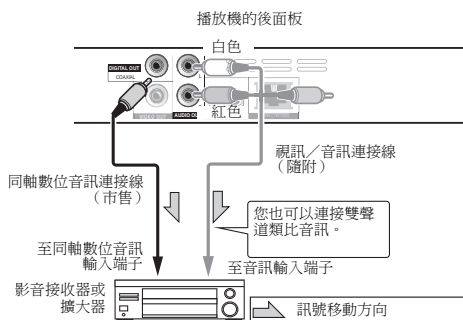
- 直接將播放機的視訊輸出至電視機。  
此播放機支援類比防拷技術。因此，在透過 DVD 錄影機／影音卡座連接本機至電視機，或播放 DVD 錄影機／影音卡座錄製的播放機輸出資料時，無法正常顯示影像。此外，當播放機連接至有內建影音卡座的電視機時，由於防拷功能的因素可能無法正常播放影像。如需詳細資料，請洽詢電視機的製造商。



**附註**

- 是否能輸出影像視輸出視訊解析度設定而定。

## 02 使用同軸數位音訊連接線來連接影音接收器或擴大器



### 附註

- 若要切換來自影音接收器或擴大器的視訊，另請連接視訊輸出端子。

## 將設備連接至 USB 連接埠

### 關於 USB 裝置

可連接至播放機的 USB 裝置如下所示。

- USB 2.0 相容 USB 隨身碟 (容量為 1 GB 以上，建議 2 GB 以上) 或 HDD (容量為 2 TB 以下)
- 檔案系統：FAT16、FAT32 或 NTFS

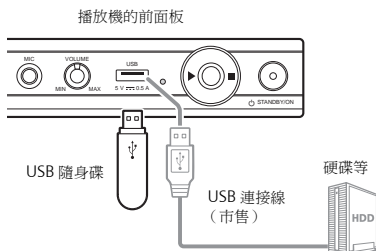
### 附註

- 無法使用上述以外的檔案系統格式化的裝置。
- 如果 USB 裝置包含多個分割磁碟，則無法識別出 USB 記憶裝置。
- 有些 USB 裝置無法搭配本播放機操作。
- 不保證 USB 裝置的操作。

## 連接 USB 裝置

### 小心

- 確定在連接或中斷連接 USB 裝置之前，先關閉播放機的電源。
- 使用空的 USB 裝置 (其中未儲存任何內容)。
- 使用外部硬碟等外部儲存裝置時，請確定在開啟播放機的電源之前開啟硬碟的電源。
- 如果 USB 裝置有防寫保護，請確定停用防寫保護功能。
- 連接 USB 連接線時，請握住插頭，然後保持在用於連接埠的正確方向並將它水平插入。
- 放置過多東西在插頭上可能造成接觸不良，使它無法寫入資料至 USB 裝置上。
- 連接 USB 裝置且播放機的電源開啟時，請勿拔除電源線。



### 附註

- 如果透過記憶卡讀取器或 USB 集線器連接至 USB 連接埠，裝置可能不會作用。
- 使用長度 2 m 或以下的 USB 連接線。

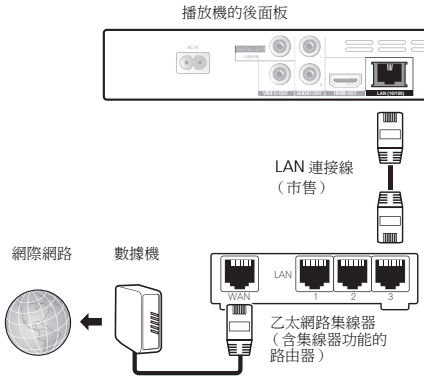
## 網路連接方式

透過網際網路可以使用下載電影預告片、其他音訊和字幕語言與播放線上遊戲等的 BD-LIVE 功能。

確定使用 10BASE-T/100BASE-TX 相容乙太網路集線器或路由器。

### 經由乙太網路集線器進行連接

使用 LAN 連接線可以將播放機連接至乙太網路集線器。

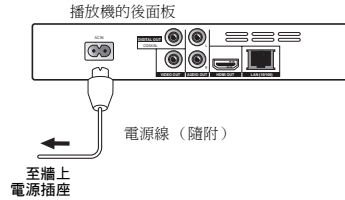


#### 附註

- 如果您的區域網路有可用的 DHCP 伺服器，則自動取得 IP 位址。否則，請手動設定 IP 位址。
- 對某些網際網路供應商，您可能必須手動設定個別網路組態。
- 因您的網路連線和／或您的連線設備相關的通訊錯誤／故障導致的播放機故障，先鋒概不擔負任何責任。請聯絡您的網際網路供應商或網路裝置製造商。

## 連接電源線

完成裝置之間的所有接線後，請連接電源線。



# 開始操作

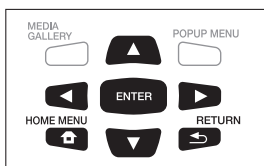
## 使用 Setup Navigator 選單進行設定

在下列情況下使用播放機時，務必執行這些設定。

- 當您首次使用播放機時。
- 在 **Initial Setup** 格式化後。
- 在更新播放機的軟體後。

### ⚠ 小心

- 開啟電源之前，檢查播放機和其他裝置之間的接線是否正確。此外，請在開啟播放機電源前，開啟連接至播放機的裝置電源。
- 使用與控制功能相容的先鋒平面電視或前投影機時，請在開啟播放機電源之前，在所連接裝置上將控制設定為 On（開啟）。



**1 開啟電視機電源，然後切換輸入。**  
如需操作電視的詳細資訊，請參閱電視機的操作手冊。

**2 開啟播放機電源。**  
按下 **STANDBY/ON**。

檢查是否顯示 **Setup Navigator** 選單。

### ❖ 如果未顯示 Setup Navigator 選單

▶ 按 **HOME MENU** 以顯示 Home Menu，選擇 **Initial Setup** → **Setup Navigator** → **Start**，然後按 **ENTER**。

**3 啟動 Setup Navigator。**  
按下 **ENTER**。

- **Setup Navigator** 開始。

**4 選擇 OSD 語言。**  
使用 **▲/▼** 選擇，然後按 **ENTER**。

當您將與控制功能相容的先鋒平面電視連接至本播放機的 **HDMI OUT** 端子時，便會在 **Setup Navigator** 開始前從先鋒平面電視的語言設定匯入語言設定值。

**5 為連接的電視選擇適當的輸出解析度。**  
使用 **▲/▼** 選擇，然後按 **ENTER**。

**6 為連接的電視選擇適當的角度。**  
使用 **▲/▼** 選擇，然後按 **ENTER**。

**7 關閉 Setup Navigator 選單。**  
按下 **ENTER**。

- **Setup Navigator** 完成並已儲存設定。
- 按下 **RETURN** 以返回上一個畫面。

## 第 4 章

# 播放

## 播放碟片或檔案

本節說明播放機的主要操作。

有關可播放的碟片和檔案類型，請參閱第 6 頁。使用 Home Media Gallery 播放燒錄在碟片上的視訊、影像和音訊檔案（第 26 頁）。

### 1 按 **⏻** STANDBY/ON 開啟電源。

開啟電視機電源，然後預先切換輸入。

### 2 按 **▶** OPEN/CLOSE 可開啟碟盤並載入碟片。



#### 附註

- 載入碟片，印刷面朝上。
  - 讀取碟片需要好幾秒的時間。一旦完成讀取後，碟片類型即顯示在播放機的前面板顯示幕上。
  - 當載入由 BD 錄影機設定使用限制的 BD 時，會出現 PIN 碼輸入畫面。在此情況下，請輸入您的 PIN 碼。
- 3 按下 **▶** 以播放碟片。
- 若要暫停播放，請在播放時按下 **⏸**。
  - 若要停止播放，請在播放時按下 **■**。



#### 附註

- 有些碟片在碟盤關閉時自動開始播放。
- BD-ROM/DVD-Video 碟片有成人鎖定功能。輸入登錄在播放機設定中的密碼以解除成人鎖定。如需詳細資料，請參閱第 34 頁。
- 在部分 BD-R/RE 碟片中，會設定整張碟片或特定標題有觀看限制。若要取消觀看限制，請輸入碟片的密碼。

### ❖ 如果顯示碟片選單

有些碟片在播放開始時會自動顯示碟片選單。碟片上的碟片選單內容和操作方法各有不同。

### ❖ 從停止播放所在位置恢復播放（恢復播放功能）

- 如果在播放時按下 **■**，碟片停止所在位置會儲存在記憶體中。按下 **▶** 後，從該位置恢復播放。
- 若要取消恢復播放功能，在播放停止時按下 **■**。



#### 附註

- 下列情況會自動取消恢復播放功能：
  - 開啟碟盤時。
  - 檔案清單視窗切換時。
  - 電源關閉時。（對於 BD 和 DVD，這樣做無法取消恢復播放功能。）
- 當您想要從下次播放指定位置繼續播放時，請參閱第 25 頁的從指定位置繼續播放（繼續檢視播放）。
- 恢復播放功能無法使用於某些碟片。

## 快轉和倒轉掃描

- ▶ 在播放期間，按下 **◀◀** 或 **▶▶**。
  - 每按一次按鍵就會切換掃描速度一次。速度間距視碟片或檔案而定（速度顯示在電視機畫面上）。

### ❖ 恢復正常播放

- ▶ 按下 **▶**。

## 播放指定章節、曲目或檔案

- ▶ 在播放期間，輸入您要選擇的章節／曲目／檔案數量。
  - 使用數字按鍵（0 至 9）輸入編號，然後按 **ENTER**。
  - 按下 **CLEAR** 可清除輸入值。

## 跳過內容

- ▶ 在播放期間，按下 **◀◀** 或 **▶▶**。
  - 按下 **▶▶** 時，播放跳到下一個章節／曲目／檔案的開頭。
  - 在播放視訊或音訊檔案的同時按下 **◀◀** 後，會跳回目前播放章節／曲目／檔案的開頭。按兩下可跳回上一個章節／曲目／檔案的開頭。
  - 在播放影像檔案的同時按下 **◀◀** 後，會返回上一個檔案。

## 04 慢動作播放

- ▶ 在播放期間，按下▶/II▶。
- 每按一次按鍵就會切換慢動作速度一次。
- 下列順序：1/16X → 1/8X → 1/4X → 1/2X → 正常。

### ❖ 恢復正常播放

- ▶ 按下▶。

## 漸進快轉和漸進倒轉

- ▶ 暫停播放時，按下▶/II▶。
- 每按一次按鍵就會切換漸進播放一次。

### ❖ 恢復正常播放

- ▶ 按下▶。

## 重複播放標題或曲目內的特定區段（A-B 重複）

使用此程序重複播放標題或曲目內的特定區段。

- 1 播放時按下 **A-B** 可選擇開始時間點。
  - **A-** 顯示在電視螢幕上。
- 2 播放時按下 **A-B** 可選擇結束時間點。
  - **A-B** 重複播放開始。

### ❖ 取消 A-B 重複播放

- 在 A-B 重複播放期間按下 **A-B**。



附註

- 在下列情況中取消 A-B 重複播放：
  - 搜尋超出重播範圍時。
  - 開始其他重複播放或隨機播放時。

## 重複播放（重複播放）

使用此程序重複播放目前播放的碟片、標題、章節、曲目或檔案。

- ▶ 播放期間按下 **REPEAT**。
  - 每次按下 **REPEAT**，重複模式的類型會如下所示變更。
    - BD**  
目前的章節 → 目前的標題
    - DVD**  
目前的章節 → 目前的標題 → 所有標題
    - CD/ 視訊檔/音訊檔/影像檔**  
目前曲目/檔案 → 所有曲目/所有資料夾中的檔案

### ❖ 取消重複播放

- 重複播放時連按 **REPEAT**。



附註

- 在下列情況中取消重複播放：
  - 搜尋超出重播範圍時。
  - 開始其他重複播放或隨機播放時。

## 依想要的順序播放（編序播放）

- 1 在播放期間，按下 **PROGRAM**。
    - 顯示程式畫面。
  - 2 選擇節目編號。  
使用 ▲/▼ 選擇，然後按 **ENTER**。
  - 3 選擇您要播放的標題。  
使用 ▲/▼ 選擇，然後按 ▶。
  - 4 選擇您要播放的章節。  
使用 ▲/▼ 選擇，然後按 **ENTER**。
  - 5 按下▶。
    - 開始播放。
- ### ❖ 編輯節目
- 1 選擇您要編輯的節目編號，然後按 **ENTER**。
  - 2 選擇標題/章節，然後按 **ENTER**。

## ❖ 刪除節目

- ▶ 選擇您要刪除的節目編號，然後按 **CLEAR**。
- 若要刪除所有節目，請按下 **RETURN**。



### 附註

- 當您使用音訊 CD 進行編序播放時，請在步驟 3 輸入曲目編號。
- 此功能無法搭配 BD 使用。

## 設定書籤

您可將目前播放的視訊設定書籤，並在稍後播放該場景。

- ▶ 播放期間按下 **BOOKMARK**。
  - 已設定書籤。
  - 書籤最大數量為 12。

## ❖ 播放書籤場景

- 1 按住 **BOOKMARK** 幾秒鐘。
  - 顯示書籤清單。
- 2 選擇您要播放的書籤。  
使用 **◀/▶** 選擇，然後按 **ENTER**。

## ❖ 刪除書籤

- ▶ 選擇您要刪除的書籤，然後按 **CLEAR**。
  - 某些碟片不允許設定書籤。
  - 在下列情況中將取消書籤功能：
    - 已關閉播放機電源時。
    - 開啟碟盤時。

## 縮放

- ▶ 播放期間按下 **ZOOM**。
  - 每次按下 **ZOOM**，縮放程度都會如下所示變更。  
[Zoom 2x] → [Zoom 3x] → [Zoom 4x] →  
[Zoom 1/2] → [Zoom 1/3] → [Zoom 1/4] → 正常  
(不顯示)



### 附註

- 此功能無法搭配部分碟片使用。

## 像投影片一樣播放相片

此功能可播放相片，並自動切換。

- ▶ 播放期間按下 **INDEX**。
  - 顯示影像檔案的縮圖。最大數量為一次 12 個。
  - 若您選擇其中一幅影像並按下 **ENTER**，投影片將從您選擇的位置開始播放。

## ❖ 旋轉／倒轉相片

播放或暫停投影片時，按下 **▲/▼/◀/▶** 按鍵會讓顯示幕如下所示切換。

- ▶ 按鍵：順時鐘旋轉 90°
- ◀ 按鍵：逆時鐘旋轉 90°
- ▲ 按鍵：水平翻轉
- ▼ 按鍵：垂直翻轉

## 切換拍攝角度

錄有多個拍攝角度的 BD-ROM 和 DVD-Video 碟片在播放時可以切換拍攝角度。

- ▶ 播放期間按下 **ANGLE**。
  - 目前的角度及錄製角度總數都會顯示在電視螢幕上。若要切換角度，請再按一次 **ANGLE**。
  - 在 **FUNCTION** 選單中選擇 **Angle** 也可以切換拍攝角度。
  - 如果按下 **ANGLE** 時沒有切換角度，請從碟片選單畫面中切換。

## 切換字幕

有些錄有多種字幕的碟片或檔案在播放時可以切換字幕。



### 小心

- 無法切換在 DVD 或 BD 錄影機上錄製的碟片字幕。另請參閱用於錄製的裝置的操作手冊。
- ▶ 播放期間按下 **SUBTITLE**。
  - 目前的字幕及錄製字幕總數都會顯示在電視螢幕上。若要切換字幕，請再按一次 **SUBTITLE**。
  - 在 **FUNCTION** 選單中選擇 **Subtitle** 也可以切換字幕。
  - 如果按下 **SUBTITLE** 時沒有切換字幕，請從碟片選單畫面中切換。

## ❖ 關閉字幕

▶ 按下 **SUBTITLE** 多次或選擇 **FUNCTION** 選單中的 **Subtitle** 以切換設定為 **Off**。

## ❖ 關於播放 DivX 媒體檔時顯示外部字幕

除了錄製在 DivX 媒體檔中的字幕外，本播放機也支援顯示外部字幕檔。如果檔案與不考慮檔案副檔名的 DivX 媒體檔有相同名稱，且副檔名是以下所列其中一種副檔名，則將檔案視為外部字幕檔。請注意，DivX 媒體檔和外部字幕檔必須位於相同資料夾中。本播放機僅能顯示一個外部字幕檔。使用電腦刪除您不要從碟片播放的任何外部字幕檔。

支援「.smi」、「.srt」、「.sub」及「.txt」副檔名的文字檔案。



### 附註

- 視檔案而定，外部字幕可能無法正常顯示。

## 切換音訊

有些錄有多個音訊串流/聲道的碟片或檔案在播放時可以切換音訊串流/聲道。

▶ 播放期間按下 **AUDIO**。

- 目前的音訊及錄製音訊串流總數都會顯示在電視螢幕上。若要切換音訊，請再按一次 **AUDIO**。
- 在 **FUNCTION** 選單中選擇 **Audio** 也可以切換音訊。
- 如果按下 **AUDIO** 時沒有切換音訊，請從碟片選單畫面切換。

## 顯示碟片資訊

▶ 按下 **DISPLAY**。

碟片資訊顯示在電視螢幕上。要關閉資訊顯示，請再按一次 **DISPLAY**。

顯示的資訊在播放期間和停止播放時不同。

## 使用 BONUSVIEW 或 BD-LIVE

本播放機相容於 BD-Video BONUSVIEW 及 BD-LIVE。

使用相容於 BONUSVIEW 的 BD-Video 碟片時，您可以作為第二視訊（子母畫面）（第 24 頁）及第二音訊（第 24 頁）享受此功能。使用支援 BD-LIVE 的 BD-Video 碟片時，可自網際網路上下載特殊視訊影像及其他資料。

在 BD Video 上錄製及從 BD-LIVE 下載的資料皆儲存在 USB 隨身碟上（外部記憶體）。若要使用這些功能，請將支援 USB 2.0 High Speed（480 Mbit/s）的 USB 隨身碟（最少 1 GB 容量（建議 2 GB 以上））連接至 USB 連接埠。

- 當您插入或移除 USB 隨身碟時，請確定關閉播放機的電源。
- 若要叫用儲存在 USB 隨身碟中的資料，請先插入下載資料時使用的碟片媒體（若裝入不同的碟片，可能無法播放儲存在 USB 隨身碟上的資料）。
- 若使用含有其他資料（之前錄製）的 USB 隨身碟，可能無法正確播放視訊及音訊。
- 正在播放 USB 隨身碟時，請勿中斷連接。
- 有時可能會需要載入資料（讀取/寫入）。



### 小心

- 若 USB 隨身碟上的使用空間不足，可能無法使用 BONUSVIEW 及 BD-LIVE 功能。此時，關於清除 USB 隨身碟中的虛擬封包資料及 BD-LIVE 資料，請參閱第 34 頁的 *刪除已新增至 BD 的資料與應用程式資料*。



### 附註

- 不保證 USB 隨身碟的操作。
- BD-LIVE 功能資料的播放視使用的碟片而有不同。關於詳細資料，請洽詢碟片隨附的使用說明。
- 若要使用 BD-LIVE 功能，需完成網路連接及設定（第 17 及 33 頁）。
- 使用 BD-LIVE 功能可連接網路。支援 BD-LIVE 功能的碟片會透過網路傳送識別本播放機及內容提供者碟片的 ID 代碼。



## 播放功能

可使用的功能視碟片和檔案的類型而定。有些功能在某些情況中無法使用。查看下表上的可用功能。

功能 <sup>1</sup>	碟片／檔案類型										
	BD-ROM	BD-R /-RE	DVD- Video	DVD-R /-RW (VR 格式)	AVCREC	AVCHD	視訊檔案	影像檔案	音訊 檔案	音訊 CD	
快轉和倒轉掃描 <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✗	✓ <sup>4</sup>	✓ <sup>4</sup>
播放指定標題、章節或曲目	✓	✓	✓	✓	✓	✓	✗	✗	✗	✓	
跳過內容	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
慢動作播放 <sup>2, 5, 6</sup>	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	
漸進快轉 <sup>2, 7</sup>	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	
A-B 重複 <sup>2</sup>	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	
重複	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
縮放	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	
角度 <sup>8</sup>	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	
字幕 <sup>9</sup>	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	
音訊 <sup>10</sup>	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	
碟片資訊	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

1. 即使表上有指示 [✓]，有些功能在有些碟片或檔案上仍無法作用。

2. 有些碟片在章節切換時會自動恢復正常播放。

3. 快轉和倒轉掃描時，不會產生任何聲音。

4. 快轉和倒轉掃描時，產生聲音。

5. 慢動作播放時不會輸出任何聲音。

6. 無法倒轉慢動作播放。

7. 無法漸進倒轉播放。

8. 如果 **Angle Mark** 設定為 **On**，則角度標記在有多個拍攝角度的場景時顯示（第 32 頁）。

9. 錄製的字幕類型視碟片和檔案而定。

• 在有些情況中，字幕可能會切換，或碟片隨附的切換畫面可能會立即顯示，無需顯示碟片中錄製的目前字幕或字幕總數。

10. 錄製的音訊串流類型視碟片和檔案而定。

## 04 使用 FUNCTION 選單

根據播放機的操作狀態來調用各種功能。

### 1 顯示 FUNCTION 選單。

播放時按下 **FUNCTION**。

### 2 選擇並設定項目。

使用 **▲/▼** 選擇，然後按 **ENTER**。



#### 附註

- 無法變更的項目會以灰色顯示。項目是否可以選擇視播放機狀態而定。

### ❖ 變更所選擇項目的設定

使用 **▲/▼** 變更。

### ❖ 關閉 FUNCTION 選單

按下 **FUNCTION**。

### ❖ FUNCTION 選單項目清單

項目	說明
Title	顯示目前播放碟片的標題資訊及碟片的標題總數。另外再選擇您要播放的標題。(請參閱下列說明。)
Chapter (曲目/檔案) <sup>1</sup>	顯示目前播放章節(曲目/檔案)資訊及碟片中的章節總數。也可選擇您要播放的章節(曲目/檔案)。(請參閱下列說明。)
Time	顯示經過時間或剩餘時間。 另外再輸入您要開始播放的時間。(請參閱下列說明。)
Mode	切換播放模式(第 25 頁)。
Audio	切換音訊。
Angle	切換 BD-ROM/DVD-Video 碟片的拍攝角度。
Subtitle	切換字幕語言。
Code Page	切換字幕代碼頁面。
Secondary Video <sup>2</sup>	切換 BD-ROM 的第二視訊(子母畫面)。
Secondary Audio <sup>3</sup>	切換 BD-ROM 的第二音訊。
Bitrate	顯示音訊/視訊/第二視訊/音訊的位元率。
Still off	關閉 BD-ROM 的靜態影像。
Ins Search	快轉 30 秒。
Ins Replay	快速倒轉 10 秒。
Slide Show	播放投影片圖片時切換播放速度。
Transition	播放投影片圖片時變更投影片樣式。

- 視碟片類型而定，會顯示其中一類這些資訊。
- 如果 **PIP Mark** 設定為 **On**，則第二視訊標記在錄製第二視訊的場景時顯示(第 32 頁)。
- 如果 **Secondary Audio Mark** 設定為 **On**，則第二音訊標記在錄製第二音訊的場景時顯示(第 32 頁)。



#### 附註

- 視碟片類型而定可選擇的項目。
- 錄製的第二音訊串流類型視碟片和檔案而定。
- 部分碟片不包括第二音訊/視訊。
- 在某些情況下，第二音訊/視訊可能會切換，或碟片隨附的切換畫面可能會立即顯示，無需顯示碟片中錄製的目前第二音訊/視訊或第二音訊/視訊串流總數。

## 從指定時間播放 (時間搜尋)

### 1 選擇 Time。

使用 **▲/▼** 選擇，然後按 **ENTER**。

### 2 輸入時間。

使用數字鍵(0至9)輸入時間。

- 如果要從第 45 分鐘播放，請輸入 **0·0·4·5·0** 和 **0**，然後按 **ENTER**。
- 如果要從第 1 小時 20 分鐘播放，請輸入 **0·1·2·0·0** 和 **0**，然後按 **ENTER**。
- 按下 **CLEAR** 可清除輸入值。

### 3 從指定時間開始播放。

按下 **ENTER**。

## 播放指定標題、章節、曲目或檔案 (搜尋)

### 1 選擇 Title 或 Chapter (曲目/檔案)。

使用 **▲/▼** 選擇，然後按 **ENTER**。

### 2 輸入標題或章節(曲目/檔案)編號。

使用數字按鍵(0至9)或 **▲/▼** 輸入數字。

- 若要搜尋標題 32，請輸入 **3** 和 **2**，然後按 **ENTER**。
- 按下 **CLEAR** 可清除輸入值。

### 3 從指定的標題、章節或曲目開始播放。

按下 **ENTER**。

## 以隨機順序播放指定範圍的碟片、標題或章節（曲目／檔案）

您可選擇 2 種隨機播放類型。

### 1 選擇 Mode。

使用 ▲/▼ 選擇，然後按 ENTER。

### 2 選擇播放模式。

使用 ▲/▼ 選擇，然後按 ENTER。

#### ❖ Random play（隨機播放）

以隨機順序播放指定範圍的碟片、標題或章節（曲目／檔案）。相同項目可連續播放。

#### ❖ Shuffle play（隨機播放）

以隨機順序播放指定範圍的碟片、標題或章節（曲目／檔案）。各項目播放一次。

## 從指定位置繼續播放（繼續檢視播放）

此功能允許您從指定下次播放的位置繼續播放，即使在關閉電源後也有效。

#### ❖ 設定

▶ 在播放期間，在要開始繼續檢視播放位置按下 CONTINUED。

指定位置的經過播放時間會顯示在電視螢幕上。

#### ❖ 播放

1 按下 ▶ 以播放已設定繼續檢視播放的標題。

將出現繼續檢視播放確認畫面。

2 使用 ◀/▶ 選擇 Yes，然後按 ENTER。

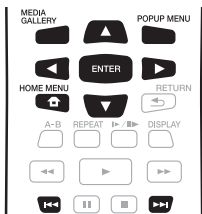
從指定位置開始播放。



附註

- 按下 ▲ OPEN/CLOSE 後，將取消繼續檢視播放設定。
- 繼續檢視播放可能無法正確配合部分碟片。

# 從 Home Media Gallery 中播放



4 選擇您要播放的標題／曲目或檔案。使用 ▲/▼ 選擇，然後按 **ENTER**。

從選擇的標題／曲目或檔案開始播放。

- 若您要播放的檔案在資料夾中，請先選擇包含檔案的資料夾。

## 播放影像檔案

### ❖ 關於幻燈片

在碟片或資料夾中自動切換的檔案顯示。

#### 附註

- 播放音訊 CD (CD-DA/DTS-CD) 時，顯示 Now Playing 畫面。
- 有些 BD-R/RE 碟片有播放保護。若要取消保護，請輸入碟片的密碼。
- 開始播放前需要花費數秒的時間。這是正常情況。
- 本播放機可能無法正常播放某些檔案。
- 觀賞次數可能受到限制。
- 視連接的裝置及狀況而定，有時可能需要一些時間才會開始播放及切換影像。

## 關於 Home Media Gallery



- Home Media Gallery 可讓您顯示錄在碟片上的標題、曲目或檔案清單。可從 Home Media Gallery 播放的碟片如下所示（另請參閱第 6 頁）。
  - BD-R/RE 碟片
  - DVD-R/-RW (VR 格式) 碟片
  - 音訊 CD (CD-DA 和 DTS-CD)
  - 只錄有視訊、影像或音訊檔等資料檔案的 DVD/CD。

#### 附註

- 視連接的裝置及狀況而定，有時可能需要一些時間才會開始播放及切換影像。

## Disc/USB 播放

1 按 **HOME MEDIA GALLERY** 以顯示 Home Media Gallery。

從 Home Menu 選擇 Home Media Gallery，然後按 **ENTER** 也可以顯示 Home Media Gallery。

2 選擇碟片或 USB。

使用 ▲/▼ 選擇，然後按 **ENTER**。

3 選擇 Photo/Music/Video/AVCHD。

使用 ▲/▼ 選擇，然後按 **ENTER**。

- 此步驟不供以 BDAV/VR/AVCREC 格式錄製的碟片使用。
- 若要在 USB 裝置上播放 AVCHD 格式的檔案，請在 USB 裝置上建立名為「AVCHD」的資料夾，然後再複製內含播放檔案的「BDMV」資料夾到「AVCHD」資料夾中。

## 依想要的順序播放 ( Playlist )

可新增曲目和檔案至 **Playlist** 的碟片如下所示。

- 可燒錄音訊檔的 DVD/CD/USB 裝置

### 新增曲目／檔案

使用此程序新增曲目和檔案，然後建立 **Playlist**。

**1 按 HOME MEDIA GALLERY 以顯示 Home Media Gallery。**

從 Home Menu 選擇 Home Media Gallery，然後按 **ENTER** 也可以顯示 Home Media Gallery。

**2 選擇碟片或 USB。**

預先載入碟片。

使用 **▲/▼** 選擇，然後按 **ENTER**。

**3 選擇要新增的曲目／檔案。**

使用 **▶** 選擇。

**4 按下 POP UP MENU 以顯示 POP UP MENU 選單。**

**5 選擇 Add to Playlist 以新增至 Playlist。**

使用 **▲/▼** 選擇，然後按 **ENTER**。

在步驟 3 中選擇的曲目或檔案已新增至 **Playlist** 中。

- 若要新增更多曲目或檔案，請重複步驟 3 至 5。

### 播放 Playlist

**1 按 HOME MEDIA GALLERY 以顯示 Home Media Gallery。**

從 Home Menu 選擇 Home Media Gallery，然後按 **ENTER** 也可以顯示 Home Media Gallery。

**2 選擇 Playlist。**

使用 **▲/▼** 選擇，然後按 **ENTER**。

**3 選擇要播放的曲目／檔案。**

使用 **▲/▼** 選擇，然後按 **ENTER**。

從選擇的曲目／檔案開始播放，然後繼續到清單結束為止。使用 **◀◀/▶▶** 播放上一個或下一個曲目／檔案。顯示 Now Playing 畫面。

### 從 Playlist 中刪除曲目／檔案

**1 選擇要刪除的曲目／檔案，然後按 POP UP MENU 以顯示 POP UP MENU 選單。**

**2 使用 ▲/▼ 選擇 Remove from Playlist，然後按 ENTER。**

# 卡拉 OK

## 歡唱卡拉 OK

### 1 按下遙控器上的 KARAOKE。

Initial Setup 下的 Karaoke Setup 將顯示在電視機螢幕上。

### 2 開啟 Karaoke Switch 電源。

使用游標 ▲/▼/◀/▶ 選擇 [Karaoke Setup] → [Karaoke Switch] → [On] 並按下 ENTER。

### 3 調整麥克風音量。

使用前面板上的音量調整麥克風音量。

### 4 調整麥克風回音。

使用游標 ▲/▼/◀/▶ 選擇 [Karaoke Setup] → [MICECHO] 並按下 ENTER。

使用 ◀/▶ 調整麥克風回音。

按下 RETURN 完成。

### 5 調整按鍵控制。

選擇 [Karaoke Setup] → [Key Control] → [Next screen] 並按下 ENTER。

使用 ◀/▶ 調整按鍵控制。

按下 RETURN 完成。

### 6 開啟或關閉語音取消。

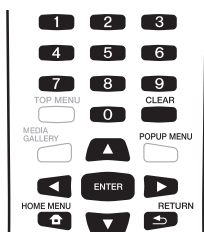
使用游標 ▲/▼/◀/▶ 選擇 [Karaoke Setup] → [Vocal Cancel] → [On] 或 [Off]，然後按 ENTER。



#### 附註

- 卡拉 OK 只能搭配碟片播放或 USB 播放使用。
- 視歌曲而定，語音取消可能沒有效果。
- 插入 MIC 端子後，請用手固定裝置上方以防止脫落。
- 若您關閉卡拉 OK 開關，按鍵控制與語音取消也會關閉。
- 若麥克風音量太高，聲音可能會失真。
- 如果發出嗶嗶的聲音，請將麥克風移向遠離揚聲器的位置。另請降低音量和回音音量。
- 視連線狀況及播放碟片而定，可能不會輸出麥克風的聲音。在此情況下，將 **HDMI Audio Out** 或 **Digital Output** 設為 **PCM**。當碟片中錄製的音訊訊號不是 PCM (Dolby、DTS 等) 的格式且 HDMI 音訊輸出或數位音訊輸出設定設為 PCM 以外的項目時，麥克風不會輸出聲音。

## 第 7 章 進階設定 變更設定



### 操作 Initial Setup 畫面

- 1 停止播放時，顯示 Home Menu 畫面。  
按下 **HOME MENU**。
  - 2 選擇並設定 Initial Setup。  
使用 **▲/▼** 選擇，然後按 **ENTER**。
  - 3 選擇項目與變更設定。  
使用 **▲/▼/◀/▶** 選擇，然後按 **ENTER**。
- ❖ **關閉 Initial Setup 畫面**  
按下 **HOME MENU** 或 **RETURN**。



#### 附註

- 項目是否可以選擇視播放機狀態而定。
- 在選項中，原廠預設值以粗體顯示。

設定	選項	說明	
Display Setting	TV Screen	16:9 Full <b>16:9 Normal</b> 4:3 Pan&Scan 4:3 Letterbox	連接至寬螢幕（16:9）電視機時，選擇此選項。 連接至寬螢幕（16:9）電視機時，選擇此選項。顯示 4:3 影像，且側面有垂直的黑色邊條。 連接至 4:3 電視螢幕並播放 16:9 視訊時，請選擇此項目。在 4:3 螢幕上播放影像左右側遭截除的視訊。（本功能只有在碟片標示為 4:3PS 時才有作用。） 連接至 4:3 電視螢幕並播放 16:9 視訊時，請選擇此項目。播放有上下方黑色橫條的視訊。
	Video Adjust	您可以根據您使用的電視機來調整播放畫質（第 33 頁）。	
	Sharpness	High Middle <b>Low</b>	選擇銳利度的程度。
	Video Mode	<b>Standard</b> Vivid Cinema Custom	選擇視訊輸出模式。
		• CTI (邊緣色彩增強)：呈現更清晰色彩輪廓的影像。	
Noise Reduction	0 1 2 3	選擇減少雜訊的程度。	

設定	選項	說明
Audio Output Digital Output	Bitstream	選擇此設置可直接輸出數位音訊訊號。
	<b>PCM</b>	選擇此設置可輸出轉換為 2 聲道音訊訊號的數位音訊訊號。
	Reencode	播放含有第二音訊及互動式音訊的 BD 時，會混合兩種音訊訊號並轉換為 Dolby Digital 音訊或 DTS 音訊輸出。
	Off	選擇此設置可輸出非數位音訊訊號的音訊訊號。
使用卡拉 OK 功能時，視連線狀況及播放碟片而定，可能不會輸出麥克風的聲音。在此情況下，請將 <b>Digital Output</b> 設定設為 <b>PCM</b> 。		
Downmix	<b>Stereo</b>	轉換成線性 PCM 音訊訊號的 Surround 音訊訊號轉換成用於輸出的雙聲道（立體聲）訊號。
	Lt/Rt	轉換成線性 PCM 音訊訊號的 Surround 音訊訊號轉換成用於輸出的 Dolby Surround 相容雙聲道訊號（連接的影音接收器或擴大器等裝置與 Dolby Pro Logic 相容時，影音接收器或擴大器以環繞聲音訊訊號輸出線性 PCM 音訊訊號）。
Downsampling	<b>48k</b>	輸出音訊訊號限制在低於 <b>DIGITAL OUT</b> 端子設定的取樣頻率。根據連接裝置的效能選擇。
	96k	
	192k	
<ul style="list-style-type: none"> <li>無法播放取樣頻率超過 192 kHz 的來源。</li> <li>播放受版權保護的光碟或檔案時，不論此設定為何，都會限制取樣頻率在 48 kHz 或以下輸出訊號。</li> </ul>		
DRC (Dynamic Range Control)	<b>Off</b>	選擇此設置可不使用 DRC 功能即輸出音訊訊號。
	On	選擇此設置在最吵雜與最輕柔聲音（動態範圍）間調整範圍，並以平均音量進行播放。難以聽清楚對話或在深夜觀看電影時，請使用此設置。
	Auto	選擇此項目以依據碟片的輸入音訊訊號自動開啟／關閉 DRC 設定。這只會影響 Dolby TrueHD 訊號。
<ul style="list-style-type: none"> <li>這會影響如 Dolby Digital、Dolby TrueHD 及 Dolby Digital Plus 等音訊訊號。</li> <li>DRC 會影響從下列音訊輸出端子輸出的音訊訊號： <ul style="list-style-type: none"> <li>從 <b>AUDIO OUT</b> 端子輸出的類比音訊訊號</li> <li>從 <b>DIGITAL OUT</b> 或 <b>HDMI OUT</b> 端子輸出的線性 PCM 音訊訊號。</li> </ul> </li> <li>視碟片而定，音效可能會變弱。</li> <li>音效可能因揚聲器、AV 擴大機設定而異。</li> </ul>		



設定	選項	說明	
HDMI Color Space	RGB	選擇此項目以 RGB 訊號來輸出視訊訊號。如果顏色暗淡且黑色太亮時，請選擇此選項。	
	YCbCr	輸出視訊訊號為 YCbCr 4:4:4 訊號時，選擇此選項。	
	<b>YCbCr 422</b>	輸出視訊訊號為 YCbCr 4:2:2 訊號時，選擇此選項。	
	Full RGB	選擇此項目以 RGB 訊號來輸出視訊訊號。如果顏色太濃，且所有暗色呈現一致的黑色，請選擇此項目。	
Resolution	<b>Auto</b>	選擇此設置可選擇從 <b>HDMI OUT</b> 端子自動輸出的視訊訊號解析度。	
	480V/576I	從含所選解析度的 <b>HDMI OUT</b> 端子輸出視訊訊號。	
	480P/576P	按下 <b>HDMI</b> 可變更解析度，但無法選擇 <b>Auto</b> 。	
	720P		
	1080I		
	1080P		
HDMI Audio Out	Bitstream	選擇此設置可直接輸出 HDMI 音訊訊號。	
	<b>PCM</b>	選擇此設置可輸出轉換為 PCM 音訊訊號的 HDMI 音訊訊號。	
	Reencode	播放含有第二音訊及互動式音訊的 BD 時，會混合兩種音訊訊號並轉換為 Dolby Digital 音訊或 DTS 音訊輸出。	
	Off	當您不想從 <b>HDMI</b> 輸出端子輸出音訊訊號時，請選擇此設置。	
使用卡拉 OK 功能時，視連線狀況及播放碟片而定，可能不會輸出麥克風的聲音。在此情況下，請將 <b>HDMI Audio Out</b> 設定設為 <b>PCM</b> 。			
Control	<b>On</b>	使用 HDMI 連接線以所連接影音裝置的遙控器控制播放機時，選擇此選項。另請參閱第 13 頁。	
	Off	當您不想要使用 HDMI 連接線以所連接影音裝置的遙控器控制播放機時，選擇此選項。	
HDMI Deep Color	30bits	輸出擁有 30 位元色彩的視訊訊號時，請選擇此設置。	
	36bits	輸出擁有 36 位元色彩的視訊訊號時，請選擇此設置。	
	<b>Off</b>	輸出擁有一般 24 位元色彩的視訊訊號時，請選擇此設置。	
選擇 [30bits] 或 [36bits] 後，請將色彩空間（第 41 頁）設為 <b>YCbCr 422</b> 以外的設定。			
HDMI 1080P 24Hz	<b>On</b>	解析度設為 <b>Auto</b> 或 1080P 且輸出 1080p/24 視訊訊號至相容 1080p/24 的電視時，請選擇此設置。	
	Off	解析度設為 1080P 且輸出 1080p/60 視訊訊號至相容 1080p/60 的電視時，請選擇此設置。	
HDMI 3D	<b>Auto</b>	載入 3D 碟片時，會以 3D 影像方式來播放碟片。	
3D Notice	<b>Off</b>	3D 影像不會播放。	
	<b>Yes</b>	可設定播放 3D 影像時是否顯示 3D 通知。	
	No		
Network IP Setting	選擇此設置以設定播放機和 DNS 伺服器的 IP 位址（第 33 頁）。		
	Proxy Server	請只在您的網際網路服務供應商指示這樣做時，設定代理伺服器（第 33 頁）。	
	Information	顯示 MAC 位址、IP 位址、子網路遮罩、預設閘道、DNS 伺服器（主要）及 DNS 伺服器（次要）的數值。	
	Connection Test	選擇此以測試網路連線（第 34 頁）。	
	Internet Connection	<b>Enable</b>	連接至網際網路時，請選擇此設置。
		Disable	不連接至網際網路時，請選擇此設置。
	BD-Live Connection	<b>Permitted</b>	允許所有碟片連接至 BD-LIVE。
		Partial Permitted	唯有經確認為安全的碟片才允許連接至 BD-LIVE。
Prohibited		不允許任何碟片連接至 BD-LIVE。	

設定	選項	說明
Language	OSD	可用語言 從列出的語言中選擇螢幕功能選單的語言。
	Audio	可用語言 從列出的語言中選擇語言，以設定 BD-ROM 和 DVD-Video 播放的預設音訊語言。 * 使用某些碟片時，無法切換至所選擇的語言。 如果設定 BD/DVD 上未錄製的語言，則自動選擇其中一個錄製的語言進行播放。
	Subtitle	可用語言 從列出的語言中選擇語言，以設定 BD-ROM 和 DVD-Video 播放的預設字幕語言。 * 使用某些碟片時，無法切換至所選擇的語言。 如果設定 BD/DVD 上未錄製的語言，則自動選擇其中一個錄製的語言進行播放。
	Menu	可用語言 從列出的語言中選擇語言，以設定 BD-ROM 和 DVD-Video 選單的預設語言。 * 使用某些碟片時，無法切換至所選擇的語言。 如果設定 BD/DVD 上未錄製的語言，則自動選擇其中一個錄製的語言進行播放。
	Angle Mark	<b>On</b> 選擇此設置，將角度標記顯示在電視螢幕上（第 21 頁）。 <b>Off</b> 若您不要將角度標記顯示在電視螢幕上，請選擇此設置。
	PIP Mark	<b>On</b> 選擇此設置，將 PIP 標記顯示在電視螢幕上。 <b>Off</b> 若您不要將 PIP 標記顯示在電視螢幕上，請選擇此設置。
Secondary Audio Mark	<b>On</b> 選擇此設置，將第二音訊標記顯示在電視螢幕上（第 24 頁）。 <b>Off</b> 若您不想在電視螢幕上顯示第二音訊標記，請選擇此設置。	
	DivX® VOD DRM	Registration Code 選擇播放 DivX VOD 檔案所需的播放機登錄碼（第 9 頁）。
Disc Auto Playback	<b>On</b> 碟片在載入後會自動播放。 <b>Off</b> 載入碟片不會自動開始播放。	
	Last Memory	<b>On</b> 選擇此項目可儲存您上次停止播放的時間點，即使在開啟碟盤或切換至待機模式後也能儲存。 <b>Off</b> 當您只想使用繼續檢視播放（第 25 頁）時請選擇此項目。
PBC (Play Back Control)	<b>On</b> 選擇此項目以利用碟片選單播放相容於 PBC 的 VCD（版本 2.0）。 <b>Off</b> 選擇此項目可不用碟片選單就能播放相容於 PBC 的 VCD（版本 2.0）。	
	Setup Navigator	開始使用 Setup Navigator 選單進行設定。如需詳細資料，請參閱第 18 頁。
Security	Change Password	登錄（變更）成人鎖定設定的密碼，或解除成人鎖定功能以播放具有成人鎖定功能的 DVD-Video（第 34 頁）。預設密碼為「0000」。
	Parental Control	變更播放機的成人鎖定等級（第 34 頁）。
	Country Code	變更國家代碼／區碼（第 35 頁）。
Karaoke Setup	Karaoke Switch	<b>Off</b> 在不使用卡拉 OK 時選擇。 <b>On</b> 在使用卡拉 OK 時選擇。
	Mic Echo	選擇調整麥克風回音的音量。 使用 ◀▶ 執行麥克風回音調整畫面上的數值調整。
	Key Control	選擇調整按鍵控制的音量。 使用 ◀▶ 執行按鍵控制調整畫面上的數值調整。
	Vocal Cancel	<b>Off</b> 在想要關閉語音取消時選擇。 <b>On</b> 在想要開啟語音取消時選擇。

設定	選項	說明
Options Screen Saver	Off	螢幕保護程式未啟動。
	1 min	若超過一分鐘／兩分鐘／三分鐘沒有執行任何操作，將啟動螢幕保護程式。
	2 min	操作遙控器會停用螢幕保護程式。
	3 min	
Auto Power Off	Off	如果不要電源自動關閉，請選擇此選項。此為歐規以外機型的預設設定值。
	10 min	若超過 10 分鐘 / 20 分鐘 / 30 分鐘沒有執行任何操作，電源將自動關閉。歐規機型的預設設定值為 30 分鐘。
	20 min	
	30 min	
Quick Start	On	選擇縮短開機所需的時間。
	Off	選擇執行正常開機。
Update	USB Storage	選擇軟體更新的方式。(第 35 頁)
Load Default		還原設定為原廠預設值。
System Information		檢查系統版本號碼。
BUDA	BUDA Information	在連接的 USB 裝置上顯示及設定 BUDA 資料。
	BUDA Setup	

## ❖ 調整視訊

### 1 選擇及設定 Display Setting → Video Adjust → Next Screen。

使用 ▲/▼ 選擇，然後按 ENTER。

### 2 選擇項目與變更設定。

使用 ▲/▼ 選擇項目，然後使用 ◀/▶ 變更設定。一完成設定後，請按 ↵ RETURN 以關閉設定畫面。

項目	說明
Brightness	選擇此設置可調整電視螢幕的亮度。
Contrast	選擇此設置可調整電視螢幕的對比。
Hue	選擇此設置可調整電視螢幕的色彩（綠色及紅色）平衡。
Saturation	選擇此設置可調整電視螢幕的飽和度。

## ❖ 設定 IP 位址

### 1 選擇並設定 Network → IP Setting → Next Screen。

使用 ▲/▼ 選擇，然後按 ENTER。

### 2 設定 IP 位址。

使用 ▲/▼/◀/▶ 設定播放機或 DNS 伺服器的 IP 位址，然後按 ENTER。

#### • Auto Set IP Address

**On** – 自動取得播放機的 IP 位址。使用的是具有 DHCP（動態主機設定通訊協定）伺服器功能的寬頻路由器或寬頻數據機時，請選擇。DHCP 伺服器將自動分配本播放機的 IP 位址。

**Off** – 必須手動設定播放機的 IP 位址。使用數字按鍵（0 至 9）輸入 IP 位址、子網路遮罩和預設閘道。

#### 附註

- 有關 DHCP 伺服器功能的資訊，請參閱網路裝置的操作手冊。
- 當您手動輸入 IP 位址時，可能需要與網際網路服務供應商或網路管理員聯絡。

## ❖ 設定代理伺服器

請只在您的網際網路服務供應商指示這樣做時，設定代理伺服器。

### 1 選擇並設定 Network → Proxy Server → Next Screen。

使用 ▲/▼ 選擇，然後按 ENTER。

### 2 在 Proxy Server 選擇並設定 Use 或 Not use。

使用 ◀/▶ 切換，然後按 ▼。

- **Use** – 使用代理伺服器時，請選擇。
- **Not use** – 不使用代理伺服器時，請選擇。

如果您選擇 **Use**，請繼續執行步驟 3。

### 3 選擇並設定 Server Select Method。

使用 ◀/▶ 切換，然後按 ▼。

- **IP Address** – 輸入 IP 位址。
- **Server Name** – 輸入伺服器名稱。

### 4 輸入 IP 位址或伺服器名稱。

如果您依步驟 3 選擇 IP 位址，請使用數字按鍵 (0 至 9) 輸入數字。使用 ◀/▶ 移動游標。

在步驟 3 選擇伺服器名稱時，請使用數字鍵 (0 至 9) 以啟動軟體鍵盤。現在使用 ▲/▼/◀/▶ 來選擇字元及項目，然後按 **ENTER** 輸入。

### 5 輸入 Port Number。

按 ▼，然後使用數字按鍵 (0 至 9) 輸入數字。

### 6 按 **ENTER** 以設定。

## ❖ 顯示網路設定

### ▶ 選擇並設定 **Network** → **Information** → **Next Screen**。

使用 ▲/▼ 選擇，然後按 **ENTER**。

顯示 MAC 位址、IP 位址、子網路遮罩、預設閘道和 DNS 伺服器 (主要和次要) 設定。

當 **Auto Set IP Address** 設定為 **On** 時，顯示自動取得的值。



附註

- 未設定每個 IP 位址時，顯示「0.0.0.0」。

## ❖ 測試網路連線

### ▶ 選擇並設定 **Network** → **Connection Test** → **Start**。

使用 ▲/▼ 選擇，然後按 **ENTER**。  
一完成測試後，即顯示「Network is OK.」。如果顯示任何其他訊息，請檢查連線和/或設定 (第 17 和 33 頁)。

## ❖ 在語言設定中切換至其他語言

### 1 選擇並設定 **Language**。

使用 ▲/▼ 選擇，然後按 **ENTER**。

### 2 選擇並設定 **OSD, Audio, Subtitle** 或 **Menu**。

使用 ▲/▼ 選擇，然後按 **ENTER**。

### 3 請選擇及設定所需語言。

使用 ▲/▼ 選擇，然後按 **ENTER**。



附註

- 如果設定 BD/DVD 上未錄製的語言，則自動選擇其中一個錄製的語言並播放。

## ❖ 刪除已新增至 BD 的資料與應用程式資料

使用此程序刪除已新增至 BD 中的資料 (使用 BD-LIVE 功能下載的資料和搭配 **BONUSVIEW** 功能使用的資料) 與應用程式資料。



小心

- 刪除資料需要一些時間。
- 刪除資料時不可拔除電源線。

### 1 選擇並設定 **BUDA** → **BUDA Setup**。

使用 ▲/▼ 選擇，然後按 **ENTER**。

### 2 選擇並設定 **Fmt buda**。

按下 **ENTER**。

## ❖ 登錄或變更密碼

使用此程序登錄或變更成人鎖定設定所需的代碼。

### 關於本機預設密碼

預設密碼為「0000」。

- 變更密碼後，本機可能會要求您輸入密碼。
- 若您重設本機，您的密碼會同時變回預設設定。

### 1 選擇並設定 **Security** → **Change Password** → **Next Screen**。

使用 ▲/▼ 選擇，然後按 **ENTER**。

### 2 輸入密碼。

使用數字按鍵 (0 至 9) 輸入數字，然後按 **ENTER** 確定。

使用 ◀/▶ 移動游標。

### 3 重新輸入密碼。

使用數字按鍵 (0 至 9) 輸入數字，然後按 **ENTER** 確定。

使用 ◀/▶ 移動游標。

- 若要變更密碼，請輸入之前註冊的密碼，然後輸入新密碼。



附註

- 建議您將密碼抄寫下來。
- 如果忘記密碼，請將播放機重設為原廠預設值，然後重新登錄密碼 (第 36 頁)。

## ❖ 變更觀賞 DVD/BD-ROM 的成人鎖定等級

有些含有暴力場景等不宜場景的 DVD-Video 碟片有成人鎖定等級 (查看碟片封套或其他位置上的指示)。若要限制觀賞這些碟片，請將播放機的成人鎖定等級設定為低於碟片的等級。

### 1 選擇並設定 Security → Parental Control → Next Screen。

使用 ▲/▼ 選擇，然後按 ENTER。

### 2 輸入密碼。

使用數字按鍵（0 至 9）輸入數字，然後按 ENTER 確定。

使用 ◀/▶ 移動游標。

### 3 變更等級。

使用 ◀/▶ 變更，然後按 ENTER 確定。



#### 附註

- 等級可設定為 Off，或介於 Level1 和 Level8 之間。設定為 Off 時，觀看不受限制。

## ❖ 變更國家代碼／區碼

### 1 選擇並設定 Security → Country Code → Next Screen。

使用 ▲/▼ 選擇，然後按 ENTER。

### 2 輸入密碼。

使用數字按鍵（0 至 9）輸入數字，然後按 ENTER 確定。

使用 ◀/▶ 移動游標。

### 3 變更國家代碼／區碼。

使用 ◀/▶ 變更，然後按 ENTER 確定。請參閱第 38 頁。

## 軟體更新

播放機的軟體可使用以下方式更新。

- 使用 USB 隨身碟。

先鋒網站附有本播放機的產品資訊。請檢查第 5 頁的網站是否有本 Blu-ray disc 播放機的更新及服務資訊。



#### 小心

- 在軟體更新期間，請勿拔下電源線或移除 USB 隨身碟。此外，請勿在更新時按下重設按鍵。否則更新將會中止，而且播放機可能會發生故障。
- 軟體更新程序可能需要一段特定時間。
- 其他操作功能在更新軟體期間無法使用。而且也不能取消更新程序。

## ❖ 使用 USB 隨身碟進行更新



#### 附註

- 先鋒網站上提供更新檔案時，請使用電腦下載至 USB 隨身碟。請詳閱關於先鋒網站提供下載更新檔案的指示。
- 將更新檔案儲存在 USB 隨身碟的根目錄中。請勿儲存在資料夾中。
- 請勿將更新檔案以外的檔案放在 USB 隨身碟上。
- 本機支援格式為 FAT32、FAT16 或 NTFS 的 USB 隨身碟。格式化電腦上的 USB 隨身碟時，請搭配以下的設定。
  - 檔案系統：FAT32
  - 配置裝置大小：預設配置大小
- USB 隨身碟上僅儲存最新更新過的檔案。
- 請勿使用 USB 延長線來連接 USB 隨身碟與播放機。使用 USB 延長線可能會妨礙播放機正確執行。
- 步驟 1 至 4 是由使用者執行的操作。
- 步驟 5 是由播放機（自動）執行的操作（想要更新軟體）。

### 1 插入儲存更新檔案的 USB 隨身碟。

### 2 停止播放時，顯示 Home Menu 畫面。

按下 HOME MENU。

### 3 選擇並設定 Initial Setup。

使用 ▲/▼ 選擇，然後按 ENTER。

### 4 選擇並設定 Options → Update → USB Storage → Start。


使用 ▲/▼/◀/▶ 選擇，然後按 ENTER。

### 5 更新開始。

按下 ENTER。

- 軟體更新可能需要一段特定時間。
- 完成更新後，主機將自動重新啟動。

## 07 將所有設定還原成原廠預設值

- 1 檢查播放機的電源是否開啟。
- 2 停止播放時，顯示 **Home Menu** 畫面。  
按下  **HOME MENU**。
- 3 選擇並設定 **Initial Setup**。  
使用 ▲/▼ 選擇，然後按 **ENTER**。
- 4 選擇並設定 **Options → Load Default → Next Screen**。  
使用 ▲/▼ 選擇，然後按 **ENTER**。
- 5 選擇並設定 **OK**。  
使用 ◀/▶ 選擇，然後按 **ENTER**。



### 附註

- 將所有設定還原成原廠預設值後，使用 **Setup Navigator** 重設播放機（第 18 頁）。

# 關於輸出數位音訊格式的方式

設定	Bitstream		PCM		Re-encode		
轉換方式	只輸出主要音訊（電影的主要聲音）。第二音訊及互動式音訊皆不會輸出。		主要音訊、第二音訊及互動式音訊都會轉換為 PCM 音訊，然後再同時輸出。		主要音訊、第二音訊及互動式音訊都會先轉換為 PCM 音訊，然後再重新轉換為 Dolby Digital 音訊或 DTS 音訊並同時輸出。 <sup>1</sup>		
輸出端子	HDMI OUT 端子	DIGITAL OUT 端子	HDMI OUT 端子	DIGITAL OUT 端子	HDMI OUT 端子	DIGITAL OUT 端子	AUDIO OUTPUT 端子
音訊類型							
<b>Dolby Digital</b>	Dolby Digital	Dolby Digital	PCM 5.1ch				
<b>Dolby Digital Plus</b>	Dolby Digital Plus	Dolby Digital	PCM 7.1ch		Dolby Digital	Dolby Digital	
<b>Dolby TrueHD</b>	Dolby TrueHD	Dolby Digital	PCM 7.1ch				
<b>DTS Digital Surround</b>	DTS Digital Surround	DTS Digital Surround	PCM 5.1ch				
<b>DTS-HD High Resolution Audio</b>	DTS-HD High Resolution Audio	DTS ES 6.1 ch	PCM 7.1ch		PCM 2 ch <sup>2</sup>		2 ch <sup>2</sup>
<b>DTS-HD Master Audio</b>	DTS-HD Master Audio	DTS ES 6.1 ch	PCM 7.1ch			DTS 5.1ch	DTS 5.1ch
<b>PCM</b>	PCM 7.1ch	PCM 2 ch <sup>2</sup>	PCM 7.1ch			Dolby Digital	Dolby Digital

1. 視碟片而定，若沒有第二音訊或互動式音訊，可能會不重新編碼就輸出訊號。

2. 如為多重聲道音訊，聲音會轉換為 2 聲道音訊輸出。



## 附註

- 視碟片而定，聲道數量可能不同。
- 視連接的 HDMI 裝置而定，HDMI 輸出音訊及聲道數量可能不同。
- 若連接裝置僅支援 480i/480p，**Resolution** 設為 **480i** 或 **480P** 和 **Auto** 時，HDMI 輸出音訊及聲道數量可能不同。
- 在 BD 視訊碟片上可錄製三種音訊類型。
  - 主要音訊：主要聲音。
  - 第二音訊：新增額外的聲音，如導演、演員等人的評論。
  - 互動式音訊：執行操作時聽見卡嗒聲。碟片間的互動音訊各有不同。

## 語言代碼表和國家代碼／區碼表

## 語言代碼表

語言名稱、語言代碼、輸入代碼

Abkhazian, **ab/abk**, 0102  
 Afar, **aa/aar**, 0101  
 Afrikaans, **af/af**, 0106  
 Albanian, **sq/sqi**, 0117  
 Amharic, **am/amh**, 0113  
 Arabic, **ar/ara**, 0118  
 Armenian, **hy/hye**, 0825  
 Assamese, **as/asm**, 0119  
 Aymara, **ay/aym**, 0125  
 Azerbaijani, **az/aze**, 0126  
 Bashkir, **ba/bak**, 0201  
 Basque, **eu/eus**, 0521  
 Belarusian, **be/bel**, 0205  
 Bengali, **bn/ben**, 0214  
 Bihari, **bh/bih**, 0208  
 Bislama, **bi/bis**, 0209  
 Breton, **br/br**, 0218  
 Bulgarian, **bg/bul**, 0207  
 Burmese, **my/mya**, 1325  
 Catalan, **ca/cat**, 0301  
 Central Khmer, **km/khm**, 1113  
 Chinese, **zh/zho**, 2608  
 Corsican, **co/cos**, 0315  
 Croatian, **hr/hrv**, 0818  
 Czech, **cs/ces**, 0319  
 Danish, **da/dan**, 0401  
 Dutch, **nl/nld**, 1412  
 Dzongkha, **dz/dzo**, 0426  
 English, **en/eng**, 0514  
 Esperanto, **eo/epo**, 0515  
 Estonian, **et/est**, 0520  
 Finnish, **fi/fin**, 0609  
 Fijian, **fj/fj**, 0610  
 Faroese, **fo/fao**, 0615

French, **fr/fra**, 0618  
 Galician, **gl/glg**, 0712  
 Georgian, **ka/kat**, 1101  
 German, **de/deu**, 0405  
 Greek, **el/ell**, 0512  
 Guarani, **gn/grn**, 0714  
 Gujarati, **gu/guj**, 0721  
 Hausa, **ha/ha**, 0801  
 Hebrew, **iw/heb**, 0923  
 Hindi, **hi/hin**, 0809  
 Hungarian, **hu/hun**, 0821  
 Icelandic, **is/isl**, 0919  
 Indonesian, **in/ind**, 0914  
 Interlingua, **ia/ina**, 0901  
 Interlingue, **ie/ile**, 0905  
 Inupiaq, **ik/ikp**, 0911  
 Irish, **ga/gae**, 0701  
 Italian, **it/ita**, 0920  
 Japanese, **ja/jpn**, 1001  
 Javanese, **iw/jav**, 1023  
 Kalaallisut, **kl/kal**, 1112  
 Kannada, **kn/kan**, 1114  
 Kashmiri, **ks/kas**, 1119  
 Kazakh, **kk/kaz**, 1111  
 Kinyarwanda, **rw/kin**, 1823  
 Kirghiz, **ky/kir**, 1125  
 Korean, **ko/kor**, 1115  
 Kurdish, **ku/kur**, 1121  
 Lao, **lo/lao**, 1215  
 Latin, **la/lat**, 1201  
 Latvian, **lv/lav**, 1222  
 Lingala, **ln/lin**, 1214  
 Lithuanian, **lv/lt**, 1220  
 Lithuanian, **mk/mkd**, 1311

Malagasy, **mg/mlg**, 1307  
 Malay, **ms/msa**, 1319  
 Malayalam, **ml/mal**, 1312  
 Maltese, **mt/mlt**, 1320  
 Maori, **mi/mri**, 1309  
 Marathi, **mr/mar**, 1318  
 Mongolian, **mn/mon**, 1314  
 Moldavian, **mo/mol**, 1315  
 Nauru, **na/nau**, 1401  
 Nepali, **ne/nep**, 1405  
 Norwegian, **no/nor**, 1415  
 Occitan, **oc/oci**, 1503  
 Oriya, **or/ori**, 1518  
 Oromo, **om/orm**, 1513  
 Persian, **fa/fas**, 0601  
 Polish, **pl/pol**, 1612  
 Portuguese, **pt/por**, 1620  
 Pushto, **ps/psp**, 1619  
 Quechua, **qu/que**, 1721  
 Romanian, **ro/ron**, 1815  
 Romansch, **rm/roh**, 1813  
 Rundi, **rn/run**, 1814  
 Russian, **ru/rus**, 1821  
 Samoan, **sm/smo**, 1913  
 Sango, **sg/sag**, 1907  
 Sanskrit, **sa/san**, 1901  
 Scottish Gaelic, **gd/gla**, 0704  
 Serbian, **sr/srp**, 1918  
 Serbo-Croatian, **sh/—**, 1908  
 Shona, **sn/sna**, 1914  
 Sindhi, **sd/snd**, 1904  
 Sinhalese, **si/sin**, 1909  
 Slovak, **sk/slk**, 1911

Slovenian, **sl/slv**, 1912  
 Somali, **so/som**, 1915  
 Sotho, Southern, **st/sot**, 1920  
 Spanish, **es/spa**, 0519  
 Sundanese, **su/sun**, 1921  
 Swahili, **sw/swa**, 1923  
 Swati, **ss/ssw**, 1919  
 Swedish, **sv/swe**, 1922  
 Tagalog, **tl/tgl**, 2012  
 Tajik, **tg/tgk**, 2007  
 Tamil, **ta/tam**, 2001  
 Tatar, **tt/tat**, 2020  
 Telugu, **te/tel**, 2005  
 Thai, **th/tha**, 2008  
 Tibetan, **bo/bod**, 0215  
 Tigrinya, **ti/tir**, 2009  
 Tonga (Tongalands), **to/ton**, 2015  
 Tsonga, **ts/tso**, 2019  
 Tswana, **tn/tsn**, 2014  
 Turkish, **tk/tuk**, 2011  
 Turkish, **tr/trk**, 2012  
 Twi, **tw/twi**, 2023  
 Ukrainian, **uk/ukr**, 2111  
 Urdu, **ur/urd**, 2118  
 Uzbek, **uz/uzb**, 2126  
 Vietnamese, **vi/vie**, 2209  
 Volapük, **vo/vol**, 2215  
 Welsh, **cy/cym**, 0325  
 Western Frisian, **fy/fry**, 0625  
 Wolof, **wo/wol**, 2315  
 Xhosa, **xh/xho**, 2408  
 Yiddish, **yi/yid**, 1009  
 Yoruba, **yo/yor**, 2515  
 Zulu, **zu/zul**, 2621

## 國家代碼／區碼表

國家／地區名稱、國家代碼／區碼、輸入代碼

Anguilla, **ai**, 0109  
 Antigua and Barbuda, **ag**, 0107  
 Argentina, **ar**, 0118  
 Armenia, **am**, 0113  
 Australia, **au**, 0121  
 Austria, **at**, 0120  
 Azerbaijani, **az**, 0126  
 Bahamas, **bs**, 0219  
 Barbados, **bb**, 0202  
 Belarus, **by**, 0225  
 Belgium, **be**, 0205  
 Belize, **bz**, 0226  
 Bermuda, **bm**, 0213  
 Brazil, **br**, 0218  
 Bulgaria, **bg**, 0207  
 Canada, **ca**, 0301  
 Cayman Islands, **ky**, 1125  
 Chile, **cl**, 0312  
 China, **cn**, 0314  
 Colombia, **co**, 0315  
 Croatia, **hr**, 0818  
 Cyprus, **cy**, 0325  
 Czech Republic, **cz**, 0326  
 Denmark, **dk**, 0411  
 Dominica, **dm**, 0413  
 Dominican Republic, **do**, 0415

Estonia, **ee**, 0505  
 Finland, **fi**, 0609  
 France, **fr**, 0618  
 Georgia, **ge**, 0705  
 Germany, **de**, 0405  
 Greece, **gr**, 0718  
 Greenland, **gl**, 0712  
 Grenada, **gd**, 0704  
 Guyana, **gy**, 0725  
 Haiti, **ht**, 0820  
 Hong Kong, **hk**, 0811  
 Hungary, **hu**, 0821  
 Iceland, **is**, 0919  
 India, **in**, 0914  
 Indonesia, **id**, 0904  
 Ireland, **ie**, 0905  
 Israel, **il**, 0912  
 Italy, **it**, 0920  
 Jamaica, **jm**, 1013  
 Japan, **jp**, 1016  
 Kazakhstan, **kz**, 1126  
 Korea, Republic of, **kr**, 1118  
 Kyrgyzstan, **kg**, 1107  
 Latvia, **lv**, 1222  
 Liechtenstein, **li**, 1209  
 Lithuania, **lt**, 1220

Luxembourg, **lu**, 1221  
 Macedonia, the Former Yugoslav Republic of, **mk**, 1311  
 Malaysia, **my**, 1325  
 Malta, **mt**, 1320  
 Mexico, **mx**, 1324  
 Moldova, Republic of, **md**, 1304  
 Monaco, **mc**, 1303  
 Montserrat, **ms**, 1319  
 Netherlands, **nl**, 1412  
 New Zealand, **nz**, 1426  
 Norway, **no**, 1415  
 Pakistan, **pk**, 1611  
 Peru, **pe**, 1605  
 Philippines, **ph**, 1608  
 Poland, **pl**, 1612  
 Portugal, **pt**, 1620  
 Puerto Rico, **pr**, 1618  
 Romania, **ro**, 1815  
 Russian Federation, **ru**, 1821  
 Saint Kitts and Nevis, **kn**, 1114  
 Saint Lucia, **lc**, 1203  
 Saint Vincent and the  
 Grenadines, **vc**, 2203  
 San Marino, **sm**, 1913  
 Singapore, **sg**, 1907

Slovakia, **sk**, 1911  
 Slovenia, **si**, 1909  
 Spain, **es**, 0519  
 Suriname, **sr**, 1918  
 Sweden, **se**, 1905  
 Switzerland, **ch**, 0308  
 Taiwan, Province of China, **tw**, 2023  
 Tajikistan, **tj**, 2010  
 Thailand, **th**, 2008  
 Trinidad and Tobago, **tt**, 2020  
 Tunisia, **tn**, 2014  
 Turkey, **tr**, 2018  
 Turkmenistan, **tm**, 2013  
 Turks and Caicos Islands, **tc**, 2003  
 Ukraine, **ua**, 2101  
 United Kingdom, **gb**, 0702  
 United States, **us**, 2119  
 Uruguay, **uy**, 2125  
 Uzbekistan, **uz**, 2126  
 Venezuela, **ve**, 2205  
 Virgin Islands, British, **vg**, 2207



## 第 8 章

## 其他資訊

## 使用注意事項

## 搬動本播放機時

如需搬動本裝置，若已置入碟片，請先取出碟片，並關閉碟盤。然後按 **STANDBY/ON** 將電源切換為待機，確認前面板顯示幕的 **POWER OFF** 指示燈已熄滅。至少等待 10 秒。最後請拔掉電源線。

播放時切勿抬起或搬動本播放機 — 高速旋轉的碟片可能受損。

## 安裝位置

選擇靠近裝置連接的電視機與影音系統的穩定位置。

不可將播放機放在電視機或彩色顯示器的上方。請將它放置在遠離容易受磁性影響的錄音帶卡座或其他設備的位置。

避免放在下列類型的位置：

- 陽光直射的位置
- 潮溼或通風不良的位置
- 極高溫或極低溫的位置
- 容易受震動的位置
- 有很多灰塵或香菸煙霧的位置
- 容易沾到油煙、蒸氣或熱氣的位置（例如在廚房）

## ❖ 不可在頂端放置物品

不可在本播放機的頂端放置物品。

## ❖ 不可堵塞通風孔

不可在有毛的地毯、床或沙發上使用本播放機，或以布等物品蓋住播放機。這樣做會阻礙散熱而導致損壞。

## ❖ 遠離高溫位置

不可將本播放機放置在擴大器或其他會散熱的裝置上。安裝在架子中時，若要避開擴大器或其他裝置散發的熱量，請儘可能將它放在擴大器底下的架子上。

## 不使用播放機時，請關閉電源

播放機的電源開啟時，此時若開啟電視機的電源，螢幕上是否會出現條紋視電視機播送訊號的情況而定。這種情況並非播放機或電視機發生故障。如果發生這種情況，請關閉播放機的電源。同樣的，聽收音機時也可能會聽到雜音。

## 凝結現象

如果突然將播放機從寒冷的位置移到溫暖的室內（例如冬天時），或如果安裝播放機所在的室內溫度因為有暖氣而突然上升，播放機內部（操作零件和鏡頭上）可能會產生水滴（凝結水）。產生凝結水時，播放機無法正常作用和播放。將播放機電源開啟並放置在室溫下約 1 或 2 個小時（時間視凝結情況而定）。水滴將會蒸發，然後播放機將可以開始播放。

如果播放機放在空調設備直接吹出的風中，這樣即使是夏天也可能發生凝結的現象。如果發生這種情況，請將播放機移到其他位置。

## 清潔播放機

一般請使用軟布擦拭播放機。對於頑垢，請用一些中性清潔劑，加入五至六倍的水稀釋，用柔布沾水後徹底擰乾，擦拭頑垢，然後再用乾布擦拭一次。

請注意，播放機沾到酒精、稀釋劑、甲苯或殺蟲劑可能導致印字和表層剝落。此外，避免讓橡膠或塑膠產品長時間接觸到播放機，否則可能導致播放機機殼損壞。

使用化學品擦拭時，請詳讀擦拭的注意事項。

清潔播放機時，請從電源插座上拔下電源線插頭。

## 本機安裝在有玻璃門的架子中時，請小心使用

玻璃門關閉時，不可按下遙控器上的 **▲ OPEN/CLOSE** 來開啟碟盤。由於玻璃門會防礙碟盤的移動，因此可能造成本機損壞。

本播放機讀取頭在正常使用情況下，應不致髒汙，但有時可能因沾附灰塵而故障，這時請洽您所在地附近的先鋒授權服務中心。雖然市面上不乏播放機的讀寫頭清潔工具，但其中部分產品可能導致讀寫頭受損，因此本公司不建議您使用。

## 處理碟片

不可使用損壞（破裂或翹曲）的碟片。

不可刮傷碟片的訊號表面或讓它變髒。

在播放機內，請勿一次置入多張碟片。

請勿將紙張或貼紙黏貼在碟片上，或使用鉛筆、原子筆或其他尖銳的書寫工具刻畫碟片。以免碟片受損。



### ❖ 保存碟片

務必將碟片存放在包裝盒中，並垂直放置包裝盒，避免高溫、潮溼、陽光直射或極低溫的位置。

請務必詳讀碟片的注意事項。

### ❖ 清潔碟片

碟片上如有指紋或灰塵，可能無法播放。此時請用清潔布輕輕由中央往外緣擦拭。不可使用骯髒的清潔布。



不可使用甲苯、稀釋劑或其他揮發性化學品。另外，請勿使用唱片噴霧劑或抗靜電劑。

對於頑垢，請用軟布沾上一些水，徹底擰乾，擦拭頑垢，然後再用乾布將潮溼地方擦拭一次。

### ❖ 特殊形狀碟片

本播放機無法使用特殊形狀（心形、六角形等）的碟片。不可使用這類會損壞播放機的碟片。



### ❖ 碟片上的凝結水

如果突然將播放機從寒冷的位置移到溫暖的室內（例如冬天時），碟片表面可能會形成水滴（凝結水）。碟片上有凝結水會導致無法正常播放碟片。使用碟片前，小心擦去碟片表面的水滴。

# 故障排除

不正確的操作方式，常被誤以為是系統問題或故障。如果您認為本元件有問題，請就以下各重點進行檢查。有時候問題可能出在其他元件上。仔細檢查其他使用的元件和電器設備。對照以下各點後，若仍無法修正問題，請洽詢您所在地附近的先鋒授權服務中心或經銷商以進行維修。

## 播放

問題	檢查	解決方法
<ul style="list-style-type: none"><li>• 碟片不播放。</li><li>• 碟盤自動打開。</li></ul>	碟片是否可以在本播放機上播放？	檢查碟片是否為可以在本播放機上播放的碟片（第 6 頁）。
	檔案是否可以在本播放機上播放？	<ul style="list-style-type: none"><li>• 檢查檔案是否為可以在本播放機播放的檔案（第 9 頁）。</li><li>• 檢查檔案是否損毀。</li></ul>
	碟片是否有刮傷？	本播放機無法播放刮傷的碟片。
	碟片是否髒污？	請清潔碟片（第 40 頁）。
	碟片上有貼紙張或貼紙嗎？	碟片可能翹曲且無法播放。
	是否正確設定碟盤中的碟片？	<ul style="list-style-type: none"><li>• 裝入碟片，印刷面朝上。</li><li>• 將碟盤正確裝入碟盤中的圓孔。</li></ul>
	區碼是否正確？	有關本播放機可播放的碟片區碼，請參閱第 8 頁。
未顯示影像，或影像顯示不正常。	視訊連接線的連接是否正確？	<ul style="list-style-type: none"><li>• 根據連接裝置正確連接連接線（第 13 頁）。</li><li>• 中斷連接線（視訊／音訊連接線或 HDMI 連接線），然後再重新確實且徹底插入。</li></ul>
	視訊連接線是否損壞？	如果連接線損壞，請換用新連接線。
	連接的電視機或影音接收器或擴大器的輸入設定是否正確？	請閱讀所連接設備的操作手冊並切換至正確輸入。
	輸出視訊解析度的設定是否正確？	<ul style="list-style-type: none"><li>• 按下 <b>HDMI</b> 可切換從 <b>HDMI OUT</b> 端子輸出的視訊解析度（第 11 頁）。</li></ul>
	<ul style="list-style-type: none"><li>• 播放機與 High Speed HDMI<sup>®/TM</sup> Cable 以外的連接線（與 Standard HDMI<sup>®/TM</sup> Cable）連接嗎？</li></ul>	使用 High Speed HDMI <sup>®/TM</sup> Cable 連接播放機與電視。
	是否已連接 DVI 裝置？	如果已連接 DVI 裝置，則無法顯示影像。
<b>Color Space</b> 的設定是否正確？	變更 <b>Color Space</b> 設定（第 31 頁）。	
播放停止。	<ul style="list-style-type: none"><li>• 若本機遭受振動或放置在不平坦的位置上，可能會停止播放。</li><li>• 在播放時連接或中斷連接 USB 裝置可能會停止播放。在播放時請勿連接或中斷連接 USB 裝置。</li></ul>	
影像凍結，前面板和遙控器按鍵停止作用。	<ul style="list-style-type: none"><li>• 按下 <b>■</b> 停止播放，然後重新啟動播放。</li><li>• 如果無法停止播放，按下播放機前面板的 <b>○</b> <b>STANDBY/ON</b> 以關閉電源，然後重新開啟電源。</li><li>• 若電源無法關閉（設為待機），請使用細桿壓下主機前面板上的重設按鍵。本機重新啟動，並重新自可操作的時間點執行。</li></ul>	
播放 BD 時未顯示影像或無法以高解析度輸出影像。	使用某些碟片時，可能無法從 <b>VIDEO</b> 輸出端子輸出視訊訊號。此時，請使用 HDMI 連接線連接（第 13 頁）。	

問題	檢查	解決方法
<ul style="list-style-type: none"> <li>影像在播放時受到干擾。</li> <li>影像陰暗。</li> </ul>		<ul style="list-style-type: none"> <li>本播放機支援 Rovi 類比防拷技術。有些電視機（例如有內建影音卡座的機型）在放防拷 DVD 標題時，影像無法正常顯示。這並非故障。</li> <li>如果以 DVD 錄影機／影音卡座連接播放機和電視機，影像會因為類比防拷技術而無法正常顯示。請直接連接播放機與電視機。</li> </ul>
<ul style="list-style-type: none"> <li>影像伸展。</li> <li>影像遭到裁切。</li> <li>無法切換畫面長寬比。</li> </ul>	<p>電視機畫面的長寬比設定是 否正確？</p> <p><b>TV Screen</b> 的設定是否正 確？</p>	<p>請閱讀電視機的操作手冊並正確設定電視機的畫面長寬比。</p> <p>正確地設定 <b>TV Screen</b>（第 29 頁）。</p>
影像中斷。		從 <b>HDMI OUT</b> 端子輸出 1080/50i、1080/50p、720/50p、1080/24p、1080/60i、1080/60p 或 720/60p 解析度的視訊訊號時，即使 <b>TV Screen</b> 已設定為 <b>4:3 Pan&amp;Scan</b> ，仍會以 16:9 的畫面長寬比輸出影像（第 29 頁）。
無法切換字幕。		切換錄製視訊訊號的解析度時，影像可能中斷。按 <b>HDMI</b> 選擇 <b>Auto</b> 以外的設定（第 31 頁）。
<ul style="list-style-type: none"> <li>沒有聲音。</li> <li>聲音輸出不正常。</li> </ul>	<p>是否以慢動作播放碟片？</p> <p>是否以快速前進或快速倒轉 播放碟片？</p> <p>音訊連接線的連接是否正 確？</p> <p>音訊連接線是否損壞？</p> <p><b>Audio Output</b> 的設定是否正 確？</p> <p>是否已正確設定連接的設備 （例如影音接收器或擴大器 等）？</p> <p><b>HDMI Audio Out</b> 的設定是 否正確？</p> <p>是否已連接 <b>DVI</b> 裝置？</p>	<p>慢動作播放和前進與倒轉掃描時，不會輸出任何聲音。</p> <ul style="list-style-type: none"> <li>根據連接裝置正確連接連接線（第 13 頁）。</li> <li>牢牢地插入連接線，並一直到底。</li> </ul> <p>如果連接線損壞，請換用新連接線。</p> <p>根據連接的裝置正確設置 <b>Audio Output</b>（第 30 頁）。</p> <p>請參閱所連接設備的操作手冊，然後檢查音量、輸入、揚聲器設定等。</p> <p>將 <b>HDMI Audio Out</b> 設定為 <b>Re-encode</b> 或 <b>PCM</b>（第 31 頁）。</p> <p>如果已連接 <b>DVI</b> 裝置，則不會從 <b>HDMI OUT</b> 端子輸出聲音。連接裝置至 <b>DIGITAL OUT</b> 端子或 <b>AUDIO OUT</b> 端子（第 15 頁）。</p> <p>對於某些 BD，只能從 <b>DIGITAL OUT</b> 端子或 <b>HDMI OUT</b> 端子輸出音訊訊號。</p>
不輸出多聲道聲音。	<p>所連接影音接收器或擴大器 的音訊輸出設定是否正確？</p> <p>是否有選擇多聲道聲音？</p>	<p>請參閱所連接影音接收器或擴大器的操作手冊，並檢查影音接收器或擴大器的音訊輸出設定。</p> <p>使用選單畫面或 <b>AUDIO</b> 將碟片聲音切換至多聲道。</p>
從 <b>DIGITAL OUT</b> 端子輸出 DTS Digital Audio 訊號時聽 到雜音。	<p>連接的影音接收器或擴大器 是否相容於 DTS Digital Surround？</p>	<p>如果與 DTS Digital Surround 不相容的影音接收器或擴大器連接至 <b>DIGITAL OUT</b> 端子，請將 <b>Digital Output</b> 設定為 <b>PCM</b>（第 30 頁）。</p>
從 <b>DIGITAL OUT</b> 端子無法輸 出 192 kHz 或 96 kHz 數位 音訊訊號。		<p>受版權保護的音訊會在輸出前轉換為 48 kHz 或以下。</p> <p>將 <b>96KHz</b> 設定為 <b>96KHz</b> 或 <b>192KHz</b>。</p>
未輸出第二音訊或互動音訊。	<p><b>HDMI Audio Out</b> 的設定是 否正確？</p> <p><b>Digital Output</b> 的設定是否 正確？</p>	<p>聆聽來自 <b>HDMI OUT</b> 端子的聲音時，將 <b>HDMI Audio Out</b> 設定為 <b>PCM</b>（第 31 頁）。</p> <p>聆聽來自 <b>DIGITAL OUT</b> 端子的聲音時，將 <b>Digital Output</b> 設定為 <b>Re-encode</b> 或 <b>PCM</b>（第 30 頁）。</p>
插入碟片後， <b>Loading</b> 持續 顯示但不播放。	<p>碟片上是否錄製太多檔案？</p>	<p>插入錄有檔案的碟片時，載入可能視碟片錄製的檔案數而要花數分鐘的時間。</p>
檔案名稱中顯示 ■。		<p>無法在本播放機上顯示的字元以 ■ 顯示。</p>
播放 BD-ROM 碟時，出現指 示記憶體不足的訊息。		<ul style="list-style-type: none"> <li>連接 <b>USB</b> 裝置（第 16 頁）。</li> <li>從 <b>BUDA Setup</b> 中清除儲存在連接 <b>USB</b> 裝置中的資料（第 34 頁）。</li> </ul>

## 控制功能

問題	檢查	解決方法
控制功能沒有作用。	HDMI 連接線的連接是否正確？	若要使用控制功能，請將平面電視和影音系統（影音接收器或擴大器等）連接至 <b>HDMI OUT</b> 端子（第 13 頁）。
	您正使用的 HDMI 連接線是否為 High Speed HDMI <sup>®</sup> /TM Cable？	使用 High Speed HDMI <sup>®</sup> /TM Cable。如果使用 High Speed HDMI <sup>®</sup> /TM Cable 以外的 HDMI 連接線，控制功能可能無法正常作用。
	是否使用 HDMI 連接線連接至電視機來觀看影像？	如果從 <b>HDMI OUT</b> 端子以外的端子輸出視訊訊號，控制功能不會作用。使用 HDMI 連接線連接電視機（第 13 頁）。
	播放機的 <b>Control</b> 是否已設定為 <b>On</b> ？	將播放機的 <b>Control</b> 設定為 <b>On</b> （第 31 頁）。
	連接的裝置是否支援控制功能？	<ul style="list-style-type: none"> <li>控制功能無法搭配不支援控制功能的其他品牌裝置使用，即使是以 HDMI 連接線連接。</li> <li>如果在控制相容裝置與播放機之間，連接不支援控制功能的裝置，則控制功能不會作用。</li> <li>請參閱第 13 頁。</li> <li>即使連接至與控制功能相容的先鋒產品時，有些功能可能無法作用。另請參閱所連接裝置的操作手冊。</li> </ul>
	所連接裝置上的控制是否設定為 <b>On</b> ？	將所連接裝置上的控制設定為 <b>On</b> 。控制功能在所有連接至 <b>HDMI OUT</b> 端子裝置的控制功能設為 <b>On</b> （開啟）時才有作用。完成所有裝置的接線和設定時，請務必檢查輸出至平面電視的播放機影像。（另請在切換連接裝置與連接和/或拔除 HDMI 連接線後檢查。）如果播放機的影像未輸出至平面電視，則控制功能無法正常作用。如需詳細資料，請參閱所連接裝置的操作手冊。
	是否連接多個播放機？	如果使用 HDMI 連接線來連接包括本播放機的三台或多台播放機，控制功能可能無法作用。

## 網路

問題	檢查	解決方法
<ul style="list-style-type: none"> <li>無法使用 BD-LIVE 功能（連線至網際網路）。</li> <li>當我嘗試更新軟體時，顯示「No valid id file found!」。</li> </ul>		執行 <b>Connection Test</b> （第 34 頁）。如果顯示「Network is OK.」，請檢查代理伺服器設定（第 33 頁）。網路連線可能也有問題。請聯絡您的網路服務供應商。
軟體更新緩慢。		視網路連線和其他情況而定，有時需要更新軟體。
執行 <b>Connection Test</b> 時，顯示除「Networks is OK.」以外的訊息。	是否顯示「Network is FAILED.」？	<ul style="list-style-type: none"> <li>檢查是否正確連接本播放機和乙太網路集線器（或有集線器功能的路由器）。</li> <li>如果使用 DHCP 伺服器功能取得 IP 位址，請檢查在 <b>Information</b> 的設定是否正確（第 31 頁）。如有有關 DHCP 伺服器功能的詳細資料，請參閱乙太網路集線器（或有集線器功能的路由器）的操作手冊。</li> <li>手動設定 IP 位址。</li> <li>檢查乙太網路集線器（或有集線器功能的路由器）的 DHCP 伺服器功能的操作與設定。如有有關 DHCP 伺服器功能的詳細資料，請參閱乙太網路集線器（或有集線器功能的路由器）的操作手冊。</li> <li>如果本播放機已經過手動設定，請重設本播放機或其他設備的 IP 位址。</li> </ul>
乙太網路集線器（或有集線器功能的路由器）操作正常嗎？		<ul style="list-style-type: none"> <li>檢查乙太網路集線器（或有集線器功能的路由器）的設定和操作。如需詳細資料，請參閱乙太網路集線器的操作手冊。</li> <li>重新啟動乙太網路集線器（或有集線器功能的路由器）。</li> </ul>

## 08 其他問題

問題	檢查	解決方法
電源沒有關閉。	電源線的連接是否正確？	<ul style="list-style-type: none"> <li>將電源線插頭穩固地插入電源插座（第 17 頁）。</li> <li>拔下電源線，稍等幾秒鐘後再插上電源線。</li> </ul>
電源自動關閉。	<b>Auto Power Off</b> 是否設定為 <b>10 min/20 min/30 min</b> ？	如果 <b>Auto Power Off</b> 已設定為 <b>10 min/20 min/30 min</b> ，播放機電源將在超過 30 分鐘未執行任何操作時自動關閉（第 33 頁）。
電源自動開啟。	<b>Control</b> 是否設定為 <b>On</b> ？	播放機的電源會隨著連接至 <b>HDMI OUT</b> 端子的電視機電源一起開啟。如果不需要播放機的電源隨著電視機的電源開啟，請將 <b>Control</b> 設定為 <b>Off</b> （第 31 頁）。
本機無法操作。		<ul style="list-style-type: none"> <li>在指定使用溫度範圍內（第 47 頁）使用。</li> <li>若電源無法關閉（設為待機），請使用細桿壓下主機前面板上的重設按鍵。本機重新啟動，並重新自可操作的時間點執行。</li> </ul>
使用遙控器無法操作播放機。	是否在離播放機太遠的位置操作遙控器？ 電池是否沒電？	請在離遙控感應器 7 m 內的距離操作。 請更換電池（第 5 頁）。
自動切換所連接的電視機與影音系統的輸入。	<b>Control</b> 是否設定為 <b>On</b> ？	播放機開始播放或顯示選單畫面（例如 Home Media Gallery）時，連接至 <b>HDMI OUT</b> 端子的電視機或影音系統（影音接收器或擴大器等）的輸入可能自動切換至播放機。如果不需要所連接電視機或影音系統（影音接收器或擴大器等）的輸入自動切換，請將 <b>Control</b> 設定為 <b>Off</b> （第 31 頁）。
您進行的設定已清除。	<ul style="list-style-type: none"> <li>您是否在播放機的電源開啟時拔下電源線？</li> <li>電源是否中斷？</li> </ul>	請務必按下播放機前面板上的 <b>⏻ STANDBY/ON</b> 或遙控器上的 <b>⏻ STANDBY/ON</b> ，並在拔下電源線之前，從播放機的前面板顯示幕中檢查是否已關閉 <b>POWER OFF</b> 。電源線連接至其他裝置的 AC 電源插座時要特別小心，因為播放機的電源可能與其這些裝置一起關閉。
USB（外部儲存）裝置無法正確搭配本播放機使用。	是否正確連接 USB 裝置？ 是否用延長連接線連接 USB 裝置？ 外部儲存裝置已透過記憶卡讀取器或 USB 集線器連接至 USB 連接埠嗎？ 外部儲存裝置包含多個分割磁碟嗎？ 外部儲存裝置有受到防寫保護嗎？ 外部儲存裝置的檔案系統是 FAT32、FAT16 或 NTFS 嗎？	<ul style="list-style-type: none"> <li>請關閉播放機的電源，然後重新開啟電源。</li> <li>請關閉播放機的電源，然後重新連接外部儲存裝置（第 16 頁）。</li> </ul> 請勿使用延長纜線。播放機可能無法正確搭配使用。 如果透過記憶卡讀取器或 USB 集線器連接至 USB 連接埠，外部儲存裝置可能不會作用。 如果外部儲存裝置包含多個分割磁碟，則無法識別出外部儲存裝置。 有些外部儲存裝置無法作用。 請關閉播放機的電源，然後停用防寫保護功能。 可使用的 USB 裝置檔案系統格式為 FAT32、FAT16 或 NTFS。
麥克風的聲音未輸出。		請關閉播放機的電源，然後重新開啟電源。 <ul style="list-style-type: none"> <li>將麥克風的插頭確實插入本機的麥克風插孔。</li> <li>開啟麥克風電源。</li> <li>在主機設定中，將卡拉 OK 開關設定設為「ON」。</li> <li>提高麥克風的音量。</li> <li>視連線狀況及播放媒體而定，可能不會輸出麥克風的聲音。將 <b>HDMI Audio Out</b> 或 <b>Digital Output</b> 設定設為 <b>PCM</b>（第 30、31 頁）。</li> </ul>

# 詞彙寶庫

## ❖ AVCHD (進階視訊轉碼高傳真)

請參閱第 8 頁。

## ❖ BDAV

根據 BD 格式，HD 數位廣播錄製的影音格式規格在本播放機和本操作手冊中稱為 BDAV。

## ❖ BD-J

請參閱第 8 頁。

## ❖ BD-LIVE

請參閱第 7 頁。

## ❖ BDMV

根據 BD 格式，針對預先封包的高傳真 (HD) 影片內容而設計的影音格式規格在本播放機和本操作手冊中稱為 BDMV。

## ❖ BONUSVIEW

請參閱第 7 頁。

## ❖ Deep Color

請參閱第 13 頁。

## ❖ Default Gateway (預設閘道)

預設閘道是在網路之間傳遞資料的通訊裝置，例如路由器等。它用於引導資料至未明確指定的目的地網路所在的網路。

## ❖ DHCP (動態主機設定通訊協定)

此通訊協定提供電腦與連接至網路的其他裝置的設定參數 (IP 位址等)。

## ❖ DivX

請參閱第 9 頁。

## ❖ DNS (網域名稱系統)

這是一個關聯網路主機名稱與 IP 位址的系統。

## ❖ Dolby Digital

Dolby Digital 是以多達 5.1 聲道錄音的音訊格式，其中有一部分與線性 PCM 音訊訊號對照的資料量。

## ❖ Dolby Digital Plus

Dolby Digital Plus 是用於高傳真媒體的音訊格式。根據 Dolby Digital 建立，結合了效率和彈性以提供高品質的多聲道音訊。使用 BD-ROM 碟片可以錄製最多 7.1 聲道的數位聲音。

## ❖ Dolby TrueHD

Dolby TrueHD 是使用無損失編碼的音訊格式。在 BD-ROM 上可以錄製最多八個 96 kHz/24 bit 聲道，或六個 192 kHz/24 bit 聲道。

## ❖ DRM (數位版權管理)

保護有版權數位資料的技術。數位化的視訊、影像和音訊即使被重複拷貝或傳輸也能保有同樣的品質。DRM 是用於限制在沒有版權持有者授權情況下散佈或播放這類數位資料的技術。

## ❖ DTS Digital Surround

DTS Digital Surround 是用於以 5.1 聲道錄製 48 kHz/24 bit 音訊訊號的音訊格式。

## ❖ DTS-HD High Resolution Audio

DTS-HD High Resolution Audio 是使用無損失編碼的音訊格式。這種格式可以錄製 7.1 聲道為 96 kHz/24 bit。

## ❖ DTS-HD Master Audio

DTS-HD Master Audio 是使用無損失編碼的音訊格式。在 BD-ROM 上可以錄製 7.1 聲道為 96 kHz/24 bit，或 5.1 聲道為 192 kHz/24 bit。

## ❖ Ethernet (乙太網路)

區域網路 (LAN) 的標準用於連接在相同位置的多台電腦等。本播放機支援 100BASE-TX。

## ❖ HDMI (高傳真多媒體介面)

請參閱第 13 頁。

## ❖ IP 位址

識別連接至網路或區域網路的電腦或其他裝置的位址。代表方式是四段的數字。

## ❖ MAC (媒體存取控制) 位址

特別指定給網路裝置 (LAN 卡等) 的硬體識別號碼。

## ❖ MPEG (動態影像專家小組)

用於以數位壓縮格式將視訊與音訊訊號解碼的一系列標準的名稱。視訊編碼標準包括 MPEG-1 Video、MPEG-2 Video、MPEG-4 Visual、MPEG-4 AVC 等。音訊編碼標準則包括 MPEG-1 Audio、MPEG-2 Audio、MPEG-2 AAC 等。

## ❖ Port number (連接埠號碼)

這是 IP 位址之下提供的子位址，可在網際網路通訊期間同時連線至多方。

## ❖ Proxy 伺服器

這是中繼伺服器，確保從內部網路連線至網際網路時，快速存取並安全地通訊。

## ❖ Subnet mask (子網路遮罩)

這是用於識別 IP 位址的哪個部分對應子網路 (個別管理的網路)。子網路遮罩可表示為「255.255.255.0」。

## ❖ USB (通用序列匯流排)

USB 是用於將周邊設備連接 PC 的業界標準。

## ❖ VC-1

由 Microsoft 開發與美國電影電視工程師協會 (SMPTE) 標準化的視訊轉碼器。有些 BD 包括以此轉碼器編碼的視訊。

## ❖ x.v.Color

請參閱第 13 頁。

## ❖ 子母畫面 (P-in-P)

這是在主要影像上疊上次要影像的功能。有些 BD-ROM 包括可疊在主要視訊上的第二視訊。

## ❖ 互動式音訊 (Interactive audio)

音訊訊號錄製在 BD-ROM 的標題中。其中包括操作選單畫面時的按鍵聲音等範例。

## ❖ 成人鎖定 (Parental Lock)

請參閱第 34 頁。

## ❖ 交錯掃描 (Interlaced scan)

使用此方法掃描影像兩次就能顯示該影像。奇數行顯示在第一次掃描中，偶數行顯示在第二次掃描中，組合成為單一影像（畫格）。隔行掃描在此播放機和操作手冊中以絕對值之後的「i」（例如 576i）標示。

## ❖ 角度 (多角度)

BD-ROM 或 DVD-Video 碟片可同時錄製最多九個拍攝角度，讓您可以從不同角度觀賞相同的場景。

## ❖ 第二音訊 (Secondary audio)

有些 BD-ROM 包括與主要音訊串流混合的子音訊串流。這些子音訊串流號稱為「第二音訊」。在有些碟片上，錄製的第二音訊就是第二視訊的聲音。

## ❖ 第二視訊 (Secondary video)

有些 BD-ROM 包含使用子母畫面功能在主視訊上疊上的子視訊。這些子視訊號稱為「第二視訊」。

## ❖ 逐行掃描 (Progressive scan)

這個方法以一個影像組成一個圖片，不需要將它分成兩個圖片。逐行掃描提供無閃爍的清晰影像，特別是含有很多文字、圖案或水平線條的影像。逐行掃描在此播放機和操作手冊中以絕對值之後的「p」（例如 576p）標示。

## ❖ 區碼

請參閱第 8 頁。

## ❖ 畫格與圖場

畫格是組成動態影片的其中一種靜態影像格式。一個畫格由稱為圖場的一個奇數行影像和一個偶數行影像所組成，使用隔行掃描方法的視訊訊號（576i、1080i 等）。

## ❖ 線性 PCM

這也和未壓縮的音訊訊號有關。



# 規格

型號	BDP-3220K			
類型	Blu-ray 3D™ 播放機			
額定電壓	AC 110 V 至 240 V			
額定頻率	50 Hz/60 Hz			
消耗功率	13 W			
消耗功率（待機）	0.3 W			
重量	1.2 kg			
外部尺寸（包括投影零件）	360 mm（寬）x 39 mm（高）x 218 mm（深）			
容許操作溫度	+5 °C 至 +35 °C			
容許操作溼度	5 % 至 85 %（無水氣凝結）			
 <b>HDMI</b> 視訊輸出 音訊輸出	HDMI	1 個，19 針；5 V，250 mA		
	視訊輸出	1 個，RCA 插孔；1.0 Vp-p (75 Ω)		
	音訊輸出	雙聲道（左/右）	1 個，RCA 插孔	
		音訊輸出位準	200 mVrms (1 kHz，-20 dB)	
		頻率響應	4 Hz 至 88 kHz（192 kHz 取樣）	
	數位音訊輸出	同軸	1 個，RCA 插孔	
LAN	1 個，乙太網路插孔（10BASE-T/100BASE-TX）			
USB	1 個，A 型			



## 附註

- 本產品規格及設計如有變更，恕不另行通知。
- 此項目包含獲美國專利保護的防拷技術及其他 Rovi Corporation 的智慧財產權。禁止反向工程及反組譯碼。
- 此處提及之公司及產品名稱皆為各公司的商標或註冊商標。





如需有關韌體更新與本產品的維修資訊，請參考我們的網站。

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