

**Pioneer**

**BDP-LX55**  
**BDP-440**  
**BDP-140**

Blu-ray 3D™ PLAYER



For customers in Europe:

Discover the benefits of registering your product online at

**<http://www.pioneer.co.uk>** (or **<http://www.pioneer.eu>**)

Download an electronic version of this manual from our website.

Operating Instructions

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.

## IMPORTANT



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

### CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

**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.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

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

### CAUTION

This product is a class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007.

CLASS 1 LASER PRODUCT

D58-5-2-2a\_A1\_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

### 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

### WARNING

*Before plugging in for the first time, read the following section carefully.*

**The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit will be used meets the required voltage (e.g., 230 V or 120 V) written on the rear panel.**

D3-4-2-1-4\*\_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

If the AC plug of this unit does not match the AC outlet you want to use, the plug must be removed and appropriate one fitted. Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel. If connected to an AC outlet, the cut-off plug can cause severe electrical shock. Make sure it is properly disposed of after removal.

The equipment should be disconnected by removing the mains plug from the wall socket when left unused for a long period of time (for example, when on vacation).

D3-4-2-2-1a\_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

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

**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.

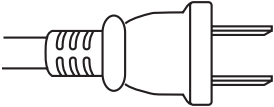
S002\*\_A1\_En

**WARNING**

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

**For Taiwan exclusively**  
Taiwanese two pin flat-bladed plug



K056\_A1\_En

**Information for users on collection and disposal of old equipment and used batteries**

(Symbol for  
equipment)



(Symbol examples)  
for batteries



Pb

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

**These symbols are only valid in the European Union.**

**For countries outside the European Union:**

If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

K058a\_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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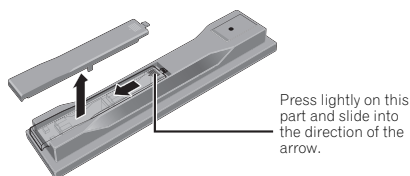
# Before you start

## 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
- Warranty card (European and Russian models only)
- Power cord
- Operating instructions (this document)

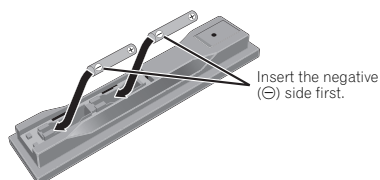
## Putting the batteries in the remote control

### 1 Open the rear cover.



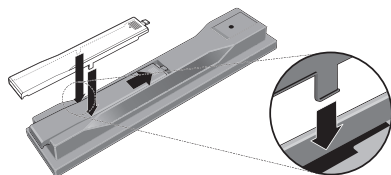
### 2 Insert the batteries (AAA/R03 x 2).

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 ⊖).
- 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

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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 Europe:*

**<http://www.pioneer.eu/>**

*IN U.K.:*

**<http://www.pioneer.eu/>**

**<http://www.pioneer.co.uk/>**

*IN Russia:*

**<http://www.pioneer.eu/>**

**<http://www.pioneer-rus.ru/>**

*IN Hong Kong:*

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

*IN Singapore:*

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

*IN Australia*

**<http://www.pioneer.com.au/>**

## About operation of this player from a mobile device (iPod, iPhone, iPad etc.)

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The player can be controlled from a mobile device by installing the special application onto the mobile device.

For details, see the product information on the Pioneer website.

This special application may be changed or discontinued without notice.

# Types of discs/files that can be played

01



## 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-Video	DVD-Video	DVD-Audio	DVD VR	CD-DA DTS-CD	DATA-DISC <sup>1</sup>
BD <sup>2</sup>	BD-ROM	✓	✓	✗	✗	✗	✗	✗
	BD-R	✓	✓	✗	✗	✗	✗	✗
	BD-RE	✓	✓	✗	✗	✗	✗	✗
DVD								
	DVD-ROM	✓	✗	✓	✓ <sup>3</sup>	✗	✗	✓
								
	DVD-R <sup>2,4,5</sup>	✓ <sup>6</sup>	✓ <sup>7</sup>	✓	✗	✓	✗	✓
	DVD-RW <sup>4,8</sup>	✓ <sup>6</sup>	✓ <sup>7</sup>	✓	✗	✓	✗	✓
	DVD+R <sup>2,4</sup>	✓	✗	✓	✗	✗	✗	✓
	DVD+RW <sup>4</sup>	✓	✗	✓	✗	✗	✗	✓
	CD-DA (Audio CD) <sup>9</sup>	✗	✗	✗	✗	✗	✓	✗
								
	CD-R <sup>4</sup>	✗	✗	✗	✗	✗	✓	✓
CD	CD-RW <sup>4</sup>	✗	✗	✗	✗	✗	✓	✓
	CD-ROM	✗	✗	✗	✗	✗	✓	✓

- Discs on which video, image or audio files are recorded. This player does not support multisession discs or multiborder recording.
- Including dual-layered discs.
- BDP-LX55 and BDP-440 only.
- Finalize them before playing them on this player.
- DVD-R for Authoring discs (3.95 and 4.7 GB) cannot be played.
- Including the AVCHD format.
- Including the AVCREC format.
- Version 1.0 DVD-RW discs cannot be played.
- 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.
- Corporation and product names mentioned herein are trademarks or registered trademarks of the respective corporations.

## ❖ 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 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:
  - Europe, Australia and New Zealand models: B
  - Russia models: C
  - Others: A
- DVD-Video:
  - Europe models: 2
  - Australia and New Zealand models: 4
  - Russia models: 5
  - Others: 3

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

- BDs:
  - Europe, Australia and New Zealand models: B (including B) and ALL
  - Russia models: C (including C) and ALL
  - Others: A (including A) and ALL
- DVDs:
  - U.K. models: 2 (including 2) and ALL
  - Australia and New Zealand models: 4 (including 4) and ALL
  - Russia models: 5 (including 5) and ALL
  - Others: 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.

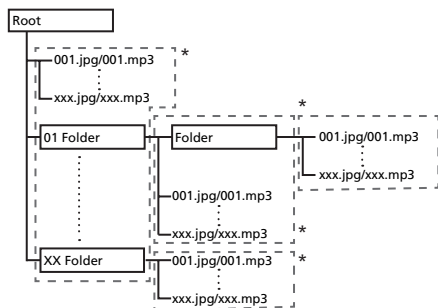
## ❖ Playing discs created on computers or BD/DVD recorders

- 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 memory 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 DVDs and CDs can be played.



### Caution

- In DVD, only the one recorded by the ISO 9660 file system can be played.
- Some files may not be playable.
- For some files, it may not be possible to use certain functions during playback.
- It may not be possible to play some files, even if they have the extension of a file playable on this player.
- Files protected by DRM (Digital Rights Management) cannot be played (not including DivX VOD files).

## ❖ Supported video file formats

### • 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, Inc. 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 video.

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 DivX, Inc. 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(R) VOD DRM → Registration Code** (page 42).
  - 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).

## • MKV

MKV files can be played.

- MKV is a file format allowing multiple audio and video files to be held in a single file.
- The files that can be played are as follows:  
Resolution: Up to 1 280 x 720  
Extension: ".mkv" or ".MKV"

## • Windows Media™ Video (WMV)

Windows Media™ Video (WMV) files can be played.

- The files that can be played are as follows:  
Resolution: Up to 1 280 x 720  
Extension: "wmv" or "WMV"
- Files encoded using the Windows Media™ Encoder 9 series are supported.
- Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- This product includes technology owned by Microsoft Corporation and cannot be used or distributed without a license from Microsoft Licensing, Inc.

## ❖ Supported image file formats

### • JPEG

### • Progressive JPEG

File format: JFIF Ver. 1.02/Exif Ver. 2.2  
Resolution: Up to 4 096 x 4 096 pixels

## ❖ Supported audio file formats

### • Windows Media™ Audio 9 (WMA9)

Bit rate: Up to 192 kbps  
Sampling frequencies: 22.05 kHz, 32 kHz, 44.1 kHz and 48 kHz

### • MPEG-1 Audio Layer 3 (MP3)

Bit rate: Up to 320 kbps  
Sampling frequencies: 8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz and 48 kHz

### • Free Lossless Audio Codec (FLAC) (Only for BDP-LX55)

Sampling frequencies: 96 kHz to 192 kHz  
Quantization bitrate: 16 bit, 24 bit  
Channel: 2ch

## ❖ Playable file extensions

### • Video files

.divx, .mkv, .wmv and .avi

### • Image files

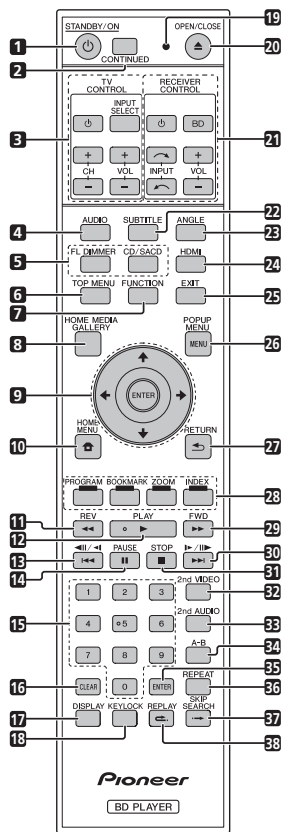
.jpg and .jpeg

### • Audio files

.wma and .mp3  
.flac (BDP-LX55 only)

# Part Names and Functions

## Remote Control



- 1 **STANDBY/ON** – Press to turn the power on and off.
- 2 **CONTINUED** – Use to continue playback from a specified position. (page 33)
- 3 **TV CONTROL** – (page 24)
- 4 **AUDIO** – (page 29)

## 5 FL DIMMER

**BDP-LX55, BDP-440** – Each time this is pressed, the brightness of the front panel display changes and/or the lighting status of the indicators on the front panel switches as shown in the table below.

Front panel display	Indicators		
	Blu-ray (BDP-LX55 only)	PQLS	FL OFF
Bright	Lights	Lights	Off
Middle	Lights	Lights	Off
Dark	Lights	Lights	Off
Off	Off	Off	Lights

**BDP-140** – Each time this is pressed, the brightness of the front panel display switches (in 4 levels).

### CD/SACD

For hybrid discs, press to switch between the CD and SACD layers.

- 6 **TOP MENU** – Press to display the top menu of the BD-ROM or DVD-Video.

- 7 **FUNCTION** – (page 32)

- 8 **HOME MEDIA GALLERY** – (page 34)

- 9 – 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.

- 10 **HOME MENU** – (page 39)

- 11 **REV** – (page 27)

- 12 **PLAY** – (page 26)

- 13 – (page 27)

- 14 **PAUSE** – (page 26)

- 15 **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.

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

- 17 **DISPLAY** – (page 29)

- 18 **KEYLOCK** – (page 12)

- 19 **Remote control LED** – Lights when a command is sent from the remote control. Flashes while the TV band code is being set.

- 20 **OPEN/CLOSE** – Press to open and close the disc tray.

- 21 **RECEIVER CONTROL**

- 22 **SUBTITLE** – (page 29)

- 23 **ANGLE** – (page 28)

## 24 HDMI

**BDP-LX55** – Use to switch **HDMI Mode** alternately (pages 16 and 41).

**BDP-440/BDP-140** – Use to switch the resolution of the video signals output from the **HDMI OUT** terminal (page 41).

- 25 **EXIT** – (page 38)

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

- 27 **RETURN** – Press to return to the previous screen.

- 28 **Color buttons** – Use these to navigate BD-ROM menus.

**PROGRAM** – (page 28)

**BOOK MARK** – (page 28)

**ZOOM** – (page 28)

**INDEX** – (page 28)

- 29 **FWD** – (page 27)

- 30 – (page 27)

- 31 **STOP** – (page 26)

- 32 **2nd VIDEO** – (page 30)

- 33 **2nd AUDIO** – (page 29)

- 34 **A-B** – (page 27)

- 35 **ENTER** – Press to execute the selected item or enter a setting that has been changed, etc.

- 36 **REPEAT** – (page 27)

- 37 **SKIP SEARCH** – Press to skip 30 seconds ahead when **SKIP SEARCH** is pressed during playback.

- 38 **REPLAY** – Press to jump back 10 seconds when **REPLAY** is pressed during playback.

## ❖ Keylock function

You can set the keylock to prevent accidental operations.

This function allows TVs compatible with control function with HDMI to also perform a Key Lock on the player.

Press and hold **KEYLOCK** for more than 2 seconds.

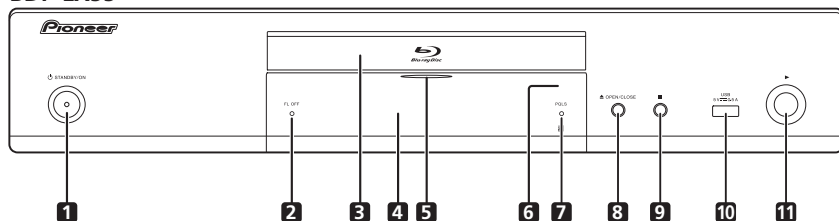
- Each time you perform this operation, the function is activated or deactivated.
- If you try to operate the player while the keylock function is set, **LOCK** lights on the front panel display.



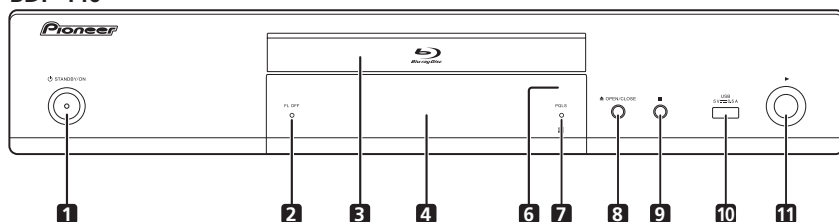
### Note

- This remote control unit is equipped with two **ENTER** buttons (9 and 35 listed above).
- To operate an AV receiver equipped with a remote control mode setting using the **RECEIVER CONTROL** buttons, set the AV receiver's remote control mode to "1". For details, see the AV receiver's operating instructions.

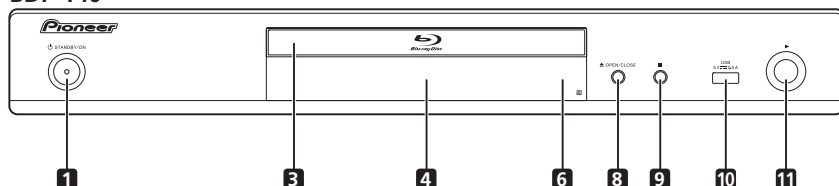
## BDP-LX55



## BDP-440

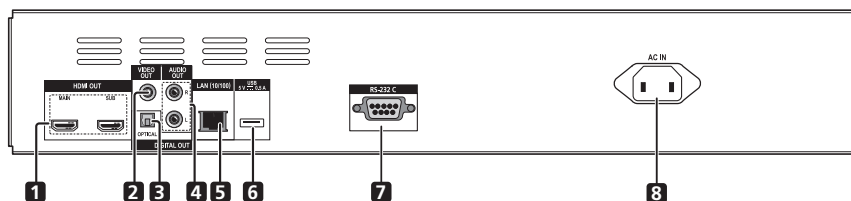


## BDP-140



- 1** **STANDBY/ON** – Press to turn the power on and off.
- 2** **FL OFF indicator** (BDP-LX55 and BDP-440 only) – (page 12)
- 3** **Disc tray**
- 4** **Front panel display**
- 5** **Blu-ray indicator** (BDP-LX55 only) – (page 12)
- 6** **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.
- 7** **PQLS indicator** (BDP-LX55 and BDP-440 only) – (page 17)
- 8** **OPEN/CLOSE** – Press to open and close the disc tray.
- 9** – Press to stop playback.
- 10** **USB port** – (page 20)
- 11** – Press to start playback.

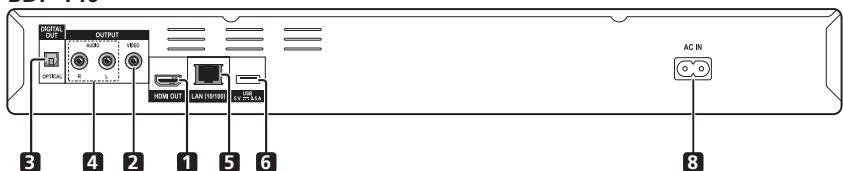
## BDP-LX55



## BDP-440



## BDP-140



1 **HDMI OUT terminal(s)** – (below and page 15)

2 **VIDEO OUTPUT terminals** – (page 20)

3 **DIGITAL OUT (OPTICAL) terminal** – (page 20)

4 **AUDIO OUTPUT terminals** – (page 20)

5 **LAN (10/100) terminal** – (page 21)

6 **USB port** – (page 20)

7 **RS-232C terminal** (BDP-LX55 only) – This terminal is not used.

8 **AC IN** – (page 22)

### ❖ About the HDMI terminals on the BDP-LX55

**MAIN** – Connect with an HDMI-compatible TV or/and AV receiver or amplifier. This is the terminal that is used mainly.

**SUB** – Connect with an HDMI compatible AV receiver or amplifier. This terminal is only for outputting audio signals.



#### Note

- No video signal can be output through the **SUB** terminal. Make sure to connect your TV to the **MAIN** terminal.

## 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 23).

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



### Note

- The illustrations used here are mainly of the BDP-LX55.

## 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

- For the BDP-LX55, make the **HDMI Mode** setting at the **Initial Setup** menu according to the connection of the devices to the player (pages 16 and 41).
- Make the settings at the **Setup Navigator** menu according to the connected HDMI-compatible device (page 23).
- 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®) technology.

# HDMI

*HDMI, the HDMI Logo and High-Definition Multimedia Interface 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
- MPEG-2 AAC
- 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.

## 02 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.

### ❖ Setting the HDMI Mode (Only for BDP-LX55)

The BDP-LX55 has two **HDMI OUT (MAIN, SUB)** terminals. See page 14 for the details on these terminals.

The **HDMI Mode** needs to be selected before playback to use the control function appropriately.

To make the setting, press **HOME MENU** to display the Home Menu, select **Initial Setup → Audio Output → HDMI Mode**.

See the table below and set up the **HDMI Mode** according to your connection style.

HDMI Mode	HDMI OUT MAIN			HDMI OUT SUB		
	Video	Audio	Control	Video	Audio	Control
Single	✓	✓	✓	✗	✗	✗
Separate	✓	✗	✗	✗	✓	✓
Pure Audio	✗	✗	✗	✗	✓	✓



#### Caution

- No video signal is output through the **SUB** terminal. This terminal is only for audio signals.

### ❖ Sound Retriever Link

#### About Sound Retriever Link

Sound Retriever Link is a sound quality correction control technology that automatically adjusts the compressed sound quality for the connected AV receiver using HDMI control function.

Sound Retriever Link function allows you to enjoy higher quality audio by setting the connected AV receiver's Sound Retriever function automatically.

Sound Retriever Link function on this player works exclusively with the following situations.

- PC Audio Stream that is played by USB devices or via network.
- The Pioneer AV receiver compatible with Sound Retriever Link function is connected to this player through an HDMI cable and the player's setting is set as shown below (page 41).

#### Control: On

- Also refer to the instructions of the AV receiver.
- See Pioneer website about AV receivers compatible with Sound Retriever Link function.



### **Caution**

- Connect the player directly to the Pioneer AV receiver compatible with Sound Retriever Link function. Interrupting a direct connection with an amplifier or AV converter (such as an HDMI switch) can cause malfunction.

### ❖ **Stream Smoother (only for the BDP-LX55)**

Stream Smoother is a function that automatically improves picture quality when playing network video contents by using a built-in high picture quality circuit to reduce mosquito noise, block noise, etc.



#### **Note**

- On the BDP-LX55, this function is activated even when no AV receiver is connected.

### ❖ **Stream Smoother Link (Only for BDP-440 and BDP-140)**

#### **About Stream Smoother Link**

Stream Smoother Link is a function that improves picture quality of network video contents using the control function with HDMI. Stream Smoother Link function allows you to enjoy a high quality picture with less noise by setting the connected AV receiver's Stream Smoother function automatically.

Stream Smoother Link function on this player works exclusively with the following situations.

- Playback of PC contents stored on discs and USB devices.
- The Pioneer AV receiver with Stream Smoother Link function is connected to this player through an HDMI cable and the player's setting is set as shown below (page 41).

#### **Control: On**

- Also refer to the instructions for the AV receiver.
- See Pioneer website about AV receivers compatible with Stream Smoother Link function.

### **Caution**

- Connect the player directly to the Pioneer AV receiver compatible with Stream smoother Link function. Interrupting a direct connection with an amplifier or AV converter (such as HDMI switch) can cause malfunction.

### ❖ **About the PQLS function (Only for BDP-LX55 and BDP-440)**

PQLS (Precision Quartz Lock System) is a digital audio transfer control technology using the HDMI control function. The player's output signals are controlled from the AV receiver to achieve high sound quality playback using the receiver's quartz oscillator. This eliminates the influence of the jitter generated during signal transfer which can adversely affect the sound quality.

- This player supports the functions below.
  - The "PQLS 2ch Audio" function that is only activated when playing music CDs (CD-DAs)
  - The "PQLS Multi Surround" function that is activated when playing all discs (BDs, DVDs, etc.) with linear PCM audio output
  - The "PQLS Bitstream" function that is activated when playing with bitstream audio output
- The various PQLS functions are activated when a Pioneer AV receiver supporting the PQLS functions is connected directly to the **HDMI OUT** terminal with an HDMI cable and the player's settings are set as shown below (page 41).

#### **Control: On**

- Also refer to the AV receiver's operating instructions.
- See the Pioneer website for AV receivers supporting the PQLS function.



#### **Caution**

- The PQLS function may stop working when the video output resolution is switched. The PQLS function will start working again once playback is stopped then restarted.
- When the PQLS 2ch function is activated, the output from the player's **VIDEO OUTPUT** jacks may not have the proper colors. If this happens, connect the TV and AV receiver's HDMI terminals to view the picture.
- Turn on the power of the AV receiver connected to the **HDMI OUT** terminal, then start playback of the disc.



#### **Note**

- PQLS indicator on the player's front panel display lights when the PQLS function is activated (page 13).

## Connecting a TV

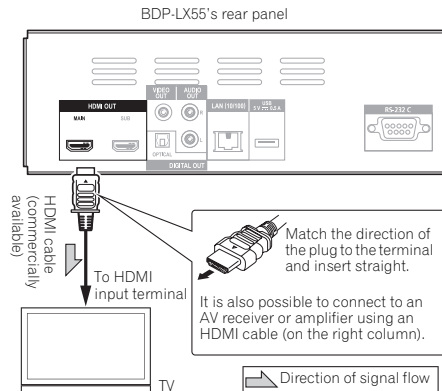
See *Connecting an AV receiver or amplifier* on the right column to connect an AV receiver or amplifier using an HDMI cable.

### ! 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.

### ❖ BDP-LX55

Connect a TV to the **HDMI OUT (MAIN)** terminal.

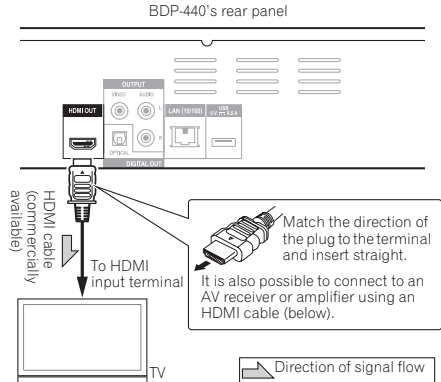


It is also possible to connect a TV via AV receiver or amplifier to **HDMI OUT (MAIN)** terminal. See *Connecting an AV receiver or amplifier* on the right column.

### ! Caution

- Make sure to connect a TV to **HDMI OUT (MAIN)** terminal, video signals cannot be output from **HDMI OUT (SUB)** terminal.
- Make sure to set **HDMI Mode** to **Single** (page 41).

### ❖ BDP-440/BDP-140



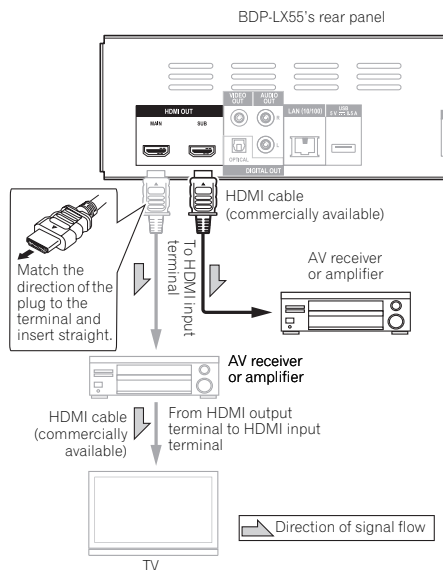
## Connecting an AV receiver or amplifier

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

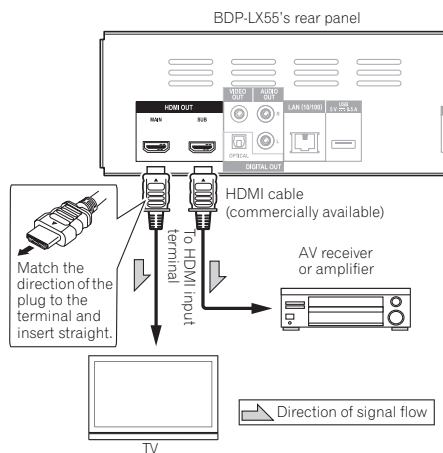
- Hold the plug when connecting and disconnecting the cable.
- Placing a load on the plug could result in faulty contact and no video signals being output.

## ❖ BDP-LX55



### Achieving better video and sound quality

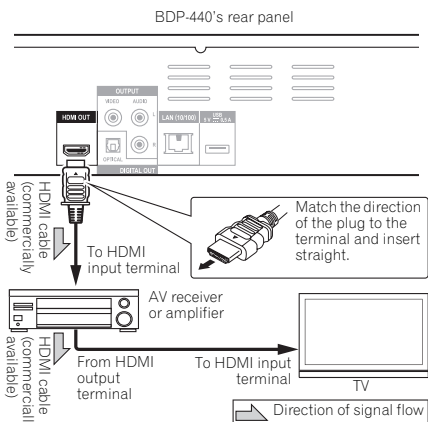
When connecting one TV (or projector) and AV amplifier to the player, connect in such a way that the video and audio signals are transferred separately in order to achieve higher quality video and sound.



## ⚠ Caution

- Make sure to connect a TV to **HDMI OUT (MAIN)** terminal. video signals cannot be output from **HDMI OUT (SUB)** terminal.
- Make sure to set **HDMI Mode** to **Separate** (page 41).
- If the AV amplifier connected to the **HDMI OUT (SUB)** terminal is also connected to a TV, the TV's input may switch automatically. If this happens, turn off the control function with HDMI on the TV.

## ❖ BDP-440/BDP-140



## 02 Connecting video and audio cables

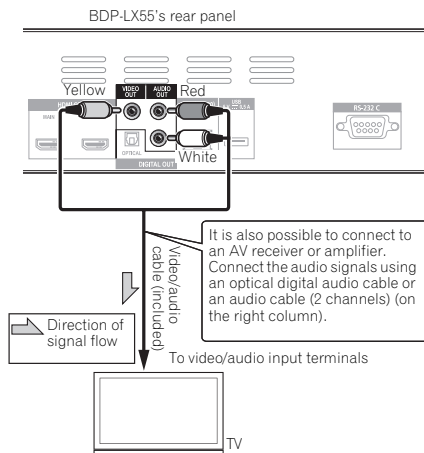
### Note

- Make the settings in the **Setup Navigator** menu according to the type of cable connected (page 23).
- 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

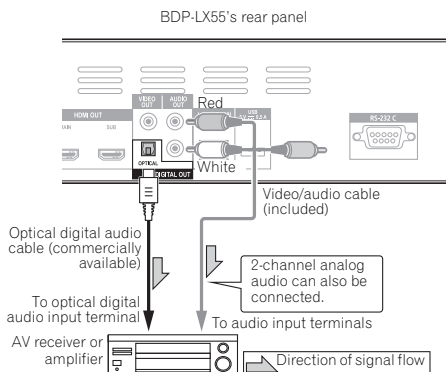
- **Connect the player's video output directly to your TV.**  
This player supports the analog copy protection technology. Therefore, the picture may not be displayed properly if this player is connected to a TV via a DVD recorder/video deck or when playing the player's output material that is recorded 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

- Video signals are output with a resolution of 480/576i or 480/576P when this player is connected using a video cable.
- Depending on the output video resolution setting, the picture may not be output.

## Connecting an AV receiver or amplifier using an optical 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

The data downloaded with the BD-LIVE function and the data used with the BONUSVIEW function when playing BD-ROMs can be stored on a device connected to the **USB** port (USB memory).

## About USB memory devices

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

- USB 2.0-compatible memory devices
- FAT16 or FAT32 file system, minimum 1 GB capacity (2 GB or more recommended)

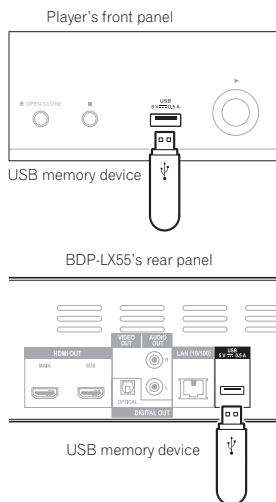
### Note

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

## Connecting the USB memory device

### ⚠ Caution

- Be sure to turn the player's power off before connecting or disconnecting USB memory devices.
- Use empty USB memory devices (on which nothing is stored).
- If the USB memory device is write-protected, be sure to disable the write-protection.
- Placing excessive loads on the plug may result in poor contact, making it impossible to write data on the USB memory device.
- When a USB memory device is connected and the player's power is turned on, do not unplug the power cord.
- USB external hard disks cannot be connected to the player.



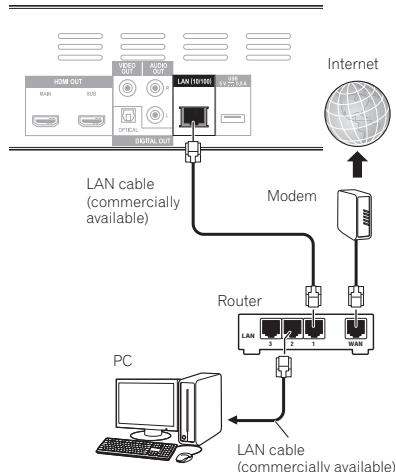
### 📝 Note

- Devices may not work if connected to the **USB** port via a memory card reader or USB hub.

## Connecting to the network through LAN interface

By connecting this player to the network via the LAN terminal, you can play audio files stored on the components on the network, including your computer, using HOME MEDIA GALLERY inputs.

BDP-LX55's rear panel



Connect the LAN terminal on this receiver to the LAN terminal on your router (with or without the built-in DHCP server function) with a straight LAN cable (CAT 5 or higher).

Turn on the DHCP server function of your router. In case your router does not have the built-in DHCP server function, it is necessary to set up the network manually. For details, see *Setting the IP address* on page 44.

### ❖ LAN terminal specifications

LAN terminal: Ethernet jack (10BASE-T/100BASE-TX)

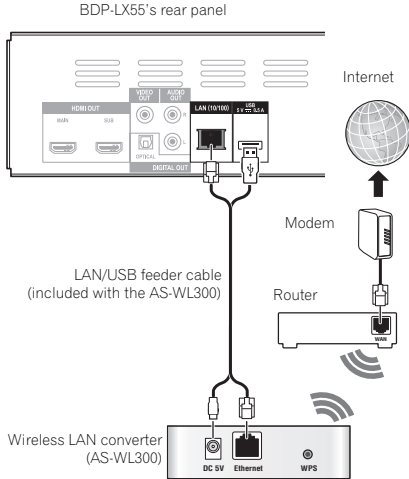
### 📝 Note

- Refer to the operation manual of the equipment you have as the connected equipment and connection method may differ depending on your Internet environment.
- When using a broadband Internet connection, a contract with an Internet service provider is required. For more details, contact your nearest Internet service provider.

## Connecting to a wireless LAN

Wireless connection to the network is possible through a wireless LAN connection. Use the separately sold AS-WL300 for connection.

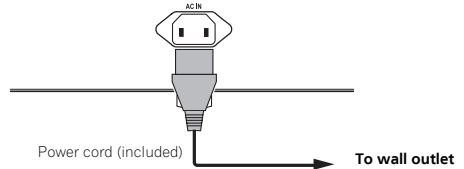
- Refer to the operating instructions of AS-WL300 for the setting details.



## Connecting the power cord

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

BDP-LX55's rear panel



## Chapter 3

## Getting Started

## Making settings using the Setup Navigator menu

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

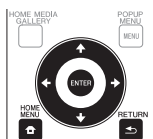
- When you use the player for the first time.
- After **Initial Setup** format.
- After updating the player's software.

**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.

**Note**

- When a Pioneer Flat Screen TV or front projector compatible with the Control function is connected to the player using an HDMI cable, the player is automatically set to the optimum picture quality for the connected device.

**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**.

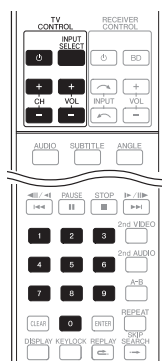
- **Setup Navigator** finishes and the setting is stored.
- Press **↶** **RETURN** to go back to the previous screen.

## Operating the TV with the player's remote control

When the manufacturer code for your brand of TV is set from the player's remote control, the TV can be operated using the player's remote control.

### ! Caution

- For some models it may not be possible to operate the TV with the player's remote control, even for TVs of brands listed on the manufacturer code list.
- The setting may be restored to the default after the batteries are replaced. If this happens, reset it.



### 1 Input the 2-digit manufacturer code.

Press the number buttons (0 to 9) to input the code while pressing **TV CONTROL** .

### Note

- The factory default setting is 00 (PIONEER).
- If you make a mistake when inputting the code, release **TV CONTROL** then start over from the beginning.
- When there are multiple codes for a manufacturer, try inputting them in the indicated order until the TV can be operated.

### 2 Check that the TV can be operated.

Operate the TV using **TV CONTROL**.

– Press to turn the TV's power on and off.

**INPUT SELECT** – Press to switch the TV's input.

**CH +/-** – Press to select the TV channel.

**VOL +/-** – Press to adjust the volume.

## TV Preset code list

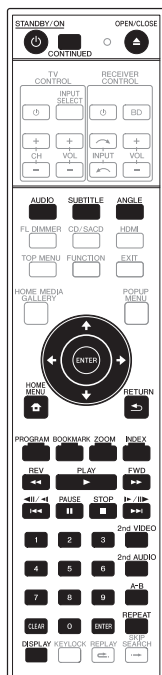
### Manufacturer Code(s)

PIONEER 00, 31, 32, 07, 36, 42, 51, 22	GPM 41
ACURA 44	GRAETZ 31, 42
ADMIRAL 31	GRANADA 07, 35, 42, 43, 48
AIWA 60	GRADIENTE 30, 57
AKAI 32, 35, 42	GRANDIN 18
AKURA 41	GRUNDIG 31, 53
ALBA 07, 39, 41, 44	HANSEATIC 07, 42
AMSTRAD 42, 44, 47	HCM 18, 44
ANITECH 44	HINARI 07, 41, 44
ASA 45	HISAWA 18
ASUKA 41	HITACHI 31, 33, 34, 36, 42, 43, 54, 06, 10, 24, 25, 18
AUDIOGONIC 07, 36	HUANYU 56
BASIC LINE 41, 44	HYPSON 07, 18, 46
BAUR 31, 07, 42	ICE 46, 47
BEKO 38	IMPERIAL 38, 42
BEON 07	INDIANA 07
BLAUPUNKT 31	INGELN 31
BLUE SKY 41	INTERFUNK 31, 32, 07, 42
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BPL 18	ISUKAI 41
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## Chapter 4 Playback



- 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 ► **PLAY** to play the disc.

- To pause, press **II PAUSE** during playback.
- To stop, press **■ STOP** during playback.



#### Note

- Some discs start playing automatically when the disc tray is closed.
- 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 46.

### ❖ 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 **■ STOP** is pressed during playback, the point at which the disc stopped is stored in the memory. When ► **PLAY** is pressed after that, playback resumes from that point.
- To cancel the resume playback function, press **■ STOP** 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 33.
- The resume playback function cannot be used for some discs.

## 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 7. Video, image and audio files recorded on discs are played with the Home Media Gallery (page 34).

### 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.



## Forward and reverse scanning

- ▶ During playback, press ◀◀REV or ▶▶FWD.
  - 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 ▶ PLAY.

## Playing specific chapters or tracks

- ▶ Input the number of the title, chapter or track you want to play.
  - 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 I◀◀ or ▶▶I.
  - When ▶▶I is pressed, the playback skips ahead to the beginning of the next chapter/track/file.
  - When I◀◀ 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 I◀◀ is pressed while an image file is playing, playback returns to the previous file.

## Playing in slow motion

- ▶ While playback is paused, press and hold ◀II/◀I or II/▶I or ▶II/▶I.
  - The speed switches each time the button is pressed (the speed is displayed on the TV screen).

### ❖ To resume normal playback

- ▶ Press ▶ PLAY.

## Step forward and step reverse

- ▶ While playback is paused, press ◀II/◀I or II/▶I.
  - The picture moves a step forward or reverse each time the button is pressed.

### ❖ To resume normal playback

- ▶ Press ▶ PLAY.

## 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 titles

### ❖ 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 **▶ PLAY**.

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



#### Note

- This function does not work with some discs.

## Displaying thumbnail images

Displaying the thumbnails of the image files on the disc.

### ▶ 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.

## 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.

.srt, .sub, .txt, .smi, .ssa, .ass

If the language code is specified for the external subtitle file, the subtitles are displayed with the font corresponding to that language code. If no language code is specified, the subtitles are displayed with the font corresponding to the language code set at Subtitle Language (page 42). The same font is used for all the languages in each of the groups below.

<b>Group 1</b>	Afrikaans(af/af), Basque(eu/eus), Catalan(ca/cat), Danish(da/dan), Dutch(nl/nld), English(en/eng), Faroese(fo/fao), Finnish(fi/fin), French(fr/fra), Galician(gl/glg), German(de/deu), Guarani(gn/grn), Icelandic(is/isl), Irish(ga/gle), Italian(it/ita), Latin(la/lat), Norwegian(no/nor), Portuguese(pt/por), Rhaeto-Romance(rm/roh), Scots-Gaelic(gd/gla), Spanish(es/spa), Swahili(sw/swa), Swedish(sv/swe), Zulu(zu/zul)
<b>Group 2</b>	Albanian(sq/sqi), Croatian(hr/hrv), Czech(cs/ces), Hungarian(hu/hun), Polish(pl/pol), Romanian(ro/ron), Slovak(sk/slk), Slovenian(sl/slv)

<b>Group 3</b>	Belarusian(be/bel), Bulgarian(bg/bul), Macedonian(mk/mkd), Moldavian(mo/mol), Russian(ru/rus), Serbian(sr/srp), Ukrainian(uk/ukr)
<b>Group 4</b>	Greek(el/ell)
<b>Group 5</b>	Estonian(et/est), Kurdish(ku/kur), Turkish(tr/tur)



### Note

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

## 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.

## Switching the audio and secondary audio

For discs or files on which multiple audio streams/channels are recorded, audio streams/channels can be switched during playback. Also use this procedure to switch the secondary audio for BD-ROMs on which secondary audio is recorded.

### ▶ During playback, press AUDIO/2nd AUDIO.

- The current audio and total number of recorded audio streams are displayed on the TV screen. To switch the audio, press **AUDIO/2nd AUDIO** again.
- The audio/secondary audio can also be switched by selecting **Audio** or **Secondary Audio** from the **FUNCTION** menu.
- If the audio/secondary audio is not switched when **AUDIO/2nd AUDIO** is pressed, switch it from the disc menu screen.

### ❖ Turning the Secondary Audio off

- ▶ **Press 2nd AUDIO several times or select Secondary Audio from the FUNCTION menu to switch the setting to Off.**

## Switching the secondary video

Use the procedure below to switch the secondary video (Picture-in-Picture) recorded on the BD-ROM.

### ► During playback, press 2nd VIDEO.

- The current secondary video and total number of recorded secondary video streams are displayed on the TV screen.

To switch the secondary video, press **2nd VIDEO** again.



Primary audio/video      Secondary audio/video

- The secondary video can also be switched by selecting **Secondary Video** from the **FUNCTION** menu.
- If the secondary video is not switched when **2nd VIDEO** is pressed, switch it from the disc menu screen.

### ❖ Turning the Secondary Video off

► Press **2nd VIDEO** several times or select **Secondary Video** from the **FUNCTION** menu to switch the setting to Off.

## 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) (above) and secondary audio (page 29). 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 memory device (external memory). To enjoy these functions, connect a USB memory device (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 memory device, be sure to turn the player's power off.
- To recall data stored in the USB memory device, 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 memory device cannot be played).

- If a USB memory device containing other data (previously recorded) is used, the video and audio may not play back properly.
- Do not disconnect the USB memory device 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 memory device. In this case, refer to *Erasing data that has been added to BDs and application data* on page 45 for erasing the Virtual Package data and the BD-LIVE data in the USB memory device.



### Note

- Operation of USB memory devices 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 21 and 44).
- 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-Audio <sup>2</sup>	DVD-R /-RW (VR format)	AVCREC	AVCHD	Video file	Image file	Audio file	Audio CD
Forward and reverse scanning <sup>3</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>	✗	✓ <sup>5</sup>	✓ <sup>5</sup>
Playing specific titles, chapters or tracks	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✓
Skipping content	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Slow motion play <sup>3,6</sup>	✓	✓	✓	✗	✓	✓	✓	✓ <sup>7</sup>	✗	✗	✗
Step forward and step reverse <sup>3</sup>	✓	✓	✓	✗	✓	✓	✓	✓ <sup>8</sup>	✗	✗	✗
A-B Repeat play <sup>3</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓
Repeat Play	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zoom	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✗
Angle <sup>9</sup>	✓	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗
Subtitle <sup>10</sup>	✓	✓	✓	✗	✓	✓	✓	✓	✗	✗	✗
Audio <sup>11</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
Secondary audio <sup>12</sup>	✓ <sup>13</sup>	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Secondary video <sup>14</sup>	✓ <sup>15</sup>	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Disc information	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1. Some functions may not work for some discs or files, even if indicated [✓] on the table.

2. Except BDP-140.

3. For some discs, normal playback resumes automatically when the chapter switches.

4. No sound is produced during forward and reverse scanning.

5. Sound is produced during forward and reverse scanning.

6. • No sound is output during slow motion playback.

• It is not possible to switch the speed during reverse slow motion playback.

7. Reverse slow motion playback is not possible.

8. Reverse step playback is not possible.

9. Angle mark is displayed for scenes at which multiple angles are recorded if **Angle Mark** is set to **On** (page 42).

10. • 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.

11. The types of recorded audio streams depend on the disc and file.

12. • The types of recorded secondary audio streams depend on the disc and file.

• In some cases, the secondary audio may switch or the switching screen provided on the disc may be displayed immediately, without the current secondary audio or the total number of secondary audio streams recorded on the disc being displayed.

• Secondary audio mark is displayed for scenes at which secondary audio is recorded if **Secondary Audio Mark** is set to **On** (page 42).

13. Some discs do not include secondary audio.

14. • In some cases, the secondary video may switch or the switching screen provided on the disc may be displayed immediately, without the current secondary video or the total number of secondary video streams recorded on the disc being displayed.

• Secondary video mark is displayed for scenes at which secondary video is recorded if **PIP Mark** is set to **On** (page 42).

15. Some discs do not include secondary video.

## 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
Video Adjust (BDP-LX55)	Display the picture quality adjustment screen (page 44).
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)	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.)
Play Mode	Switch the play mode (page 33).
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.
Second Video	Switch the BD-ROM's secondary video (Picture-in-Picture) (page 30).
Second Audio	Switch the BD-ROM's secondary audio (page 29).
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.

Item	Description
Ins Replay	Skip backward 10 seconds.
Slide Show	Switch the playback speed while playing the picture slide show.
Transition	Change the style of the slide show while playing the picture slide show.

\* The items shown on the **FUNCTION** menu depend on the type of the disc.



#### Note

- Selectable items depend on the type of disc.

## 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 or track (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 2 types of random playback.

### 1 Select Play 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 **► PLAY** to play the title for which you have set continued viewing playback.

The **FUNCTION** menu screen appears automatically to show the point (time) when you pressed **CONTINUED**.

- The Function control screen can also be displayed by pressing **FUNCTION** during playback.

#### 2 Press **ENTER**, then select the specified continued viewing playback time.

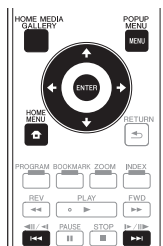
Playback starts from the specified position.



### 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



This player's Home Media Gallery function allows you to display a list of input sources and start playback. This chapter describes setup and playback procedures required to enjoy these features. When you play the files stored on your computer or the components on the network, it is advisory that you also refer to the operation manual supplied with your network component.

The input sources that can be played from Home Media Gallery are as shown below.

- BD-R/RE (BD-RE format) discs
- DVD-R/RW (VR format) discs
- Audio CDs (CD-DA, SACD and DTS CDs)
- DVD/CDs on which only data files of video, image or audio files, etc. are recorded.
- USB memory device
- Files on the network servers (on the PCs or components connected to the player via LAN interface.)



### Note

- The Home Media Gallery allows you to play files on media servers connected on an identical Local Area Network (LAN) as the receiver.

- The following files are allowed to be played from Home Media Gallery:
  - PCs running Microsoft Windows Vista or XP with Windows Media Player 11 installed
  - PCs running Microsoft Windows 7 with Windows Media Player 12 installed
  - DLNA-compatible digital media servers (on PCs or other components)
  - Files stored in a PC or DMS (Digital Media Server) as described above can be played by Digital Media Player (DMP).  
The player supports the use of such DMP.

- To play back audio files stored on components on the network, you must turn on the DHCP server function of your router. In case your router does not have the built-in DHCP server function, it is necessary to set up the network manually. Otherwise, you cannot play back files stored on components on the network. See page 44.

## About network playback

The network playback function of this unit uses the following technologies:

### ❖ Windows Media Player

See Windows Media Player 11/Windows Media Player 12 above for more on this.

### ❖ Windows Media DRM

Microsoft Windows Media Digital Rights Management (WMDRM) is a platform to protect and securely deliver content for playback on computers, portable devices and network devices. Home Media Gallery functions as a WMDRM 10 for networked devices. WMDRM protected content can only be played on media servers supporting WMDRM.

Content owners use WMDRM technology to protect their intellectual property, including copyrights. This device uses WMDRM software to access WMDRM protected content. If the WMDRM software fails to protect the content, content owners may ask Microsoft to revoke the software's ability to use WMDRM to play or copy protected content. Revocation does not affect unprotected content. When you download licenses for protected content, you agree that Microsoft may include a revocation list with the licenses. Content owners may require you to upgrade WMDRM to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade. This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

## ❖ DLNA



### *DLNA CERTIFIED® Audio Player*

The Digital Living Network Alliance (DLNA) is a cross-industry organization of consumer electronics, computing industry and mobile device companies. Digital Living provides consumers with easy sharing of digital media through a wired or wireless network in the home.

The DLNA certification logo makes it easy to find products that comply with the DLNA Interoperability Guidelines. This unit complies with DLNA Interoperability Guidelines v1.5. When a PC running DLNA server software or a DLNA compatible device is connected to this player, some setting changes of software or other devices may be required. Please refer to the operating instructions for the software or device for more information.

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## ❖ Content playable over a network

- Even when encoded in a compatible format, some files may not play correctly.
- Some functions may not be supported depending on the server type or version used.
- Supported file formats vary by server. As such, files not supported by your server are not displayed on this unit. For more information check with the manufacturer of your server.

## ❖ Disclaimer for Third Party Content

Access to content provided by third parties requires a high speed Internet connection and may also require account registration and a paid subscription.

Third party content services may be changed, suspended, interrupted, or discontinued at any time without notice, and Pioneer disclaims any liability in connection with such occurrences.

Pioneer does not represent or warrant that content services will continue to be provided or available for a particular period of time, and any such warranty, express or implied, is disclaimed.

## ❖ About playback behavior over a network

- Playback may stall when the PC is switched off or any media files stored on it are deleted while playing content.
- If there are problems within the network environment (heavy network traffic, etc.) content may not be displayed or played properly (playback may be interrupted or stalled). For best performance, a 10BASE-T/100BASE-TX connection between the player and the PC is recommended.
- If several clients are playing simultaneously, as the case may be, playback is interrupted or stalled.
- Depending on the security software installed on a connected PC and the setting of such software, network connection may be blocked.

Pioneer is not responsible for any malfunction of the player and/or the Home Media Gallery features due to communication errors/malfunctions associated with your network connection and/or your PC, or other connected equipment. Please contact your PC manufacturer or Internet service provider.

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## DLNA Search

Playing back the files stored on the components connected to the player via network.

### 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 DLNA Search.

Use **↑/↓** to select, then press **ENTER**.

### 3 Select the server which contains the file you want to play.

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

Use **↑/↓** to select, then press **ENTER**.



#### Note

- This player does not support DTCP-IP. Recorded files and contents that are protected by digital copyright protection cannot be played via LAN interface.

## 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 memory device, create a folder named "AVCHD" on the USB memory 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/SACD/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.

## Playing in the desired order (Playlist)

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

- DVDs/CDs/USB memory 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

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### 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

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

### 2 Use **↑/↓** to select Delete from Playlist, then press **ENTER**.

# Playing the web contents

You can enjoy some streaming contents on the Internet with the player.

## Available web contents

- YouTube (MPEG4 AVC H.264)
- Picasa



### Note

#### About YouTube

- YouTube videos of the following sizes can be played.
  - Standard quality (400 x 226 pixels, 200 kbps)
  - Medium quality (480 x 360 pixels, 512 kbps)
  - High quality (854 x 480 pixels, 900 kbps)
  - HD (720p) (1280 x 720 pixels, 2 Mbps)
  - HD (1080p) (1920 x 1080 pixels, 4 Mbps)
- This player supports the YouTube Leanback service. The Youtube Leanback service is only available in English for now. Refer to YouTube Help at <http://www.google.com/support/youtube/> for further information.
- YouTube videos for mobile phones cannot be played.
- Some YouTube videos cannot be played.

#### About Picasa

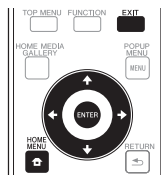
- Picasa is available only in English. Refer to instructions at <http://picasa.google.com/support/> for details.
  - Register your user name and password on the PC before you use Picasa Web Albums.
  - When you access Picasa from this player for the first time, select the New User icon and enter your registered user name and password.
- Depending on the Internet connection environment, it may not be possible to play web contents properly.
- To access to web contents, this player requires a broadband Internet connection. A contract with an Internet provider is required for a broadband Internet connection.

- Access to content provided by third parties requires a high speed Internet connection and may also require account registration and a paid subscription.

Third party content services may be changed, suspended, interrupted, or discontinued at any time without notice, and Pioneer disclaims any liability in connection with such occurrences.

Pioneer does not represent or warrant that content services will continue to be provided or available for a particular period of time, and any such warranty, express or implied, is disclaimed.

## Playing the items



### Caution

You must connect the player to the Internet beforehand. See *Connecting to the network through LAN interface* on page 21 for the details.

#### 1 Display the selection screen.

The selection screen can be selected by pressing

**HOME MENU** then selecting Web Contents → Desired web content.

#### 2 Select the type of web contents.

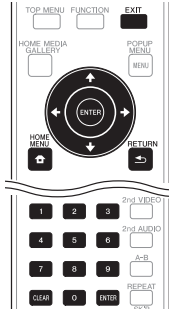
Use **↑/↓** to select, then press **ENTER**.

#### 3 Press **↑/↓** to select the item you want to play, then press **ENTER**.

To stop playback, press **EXIT**. Playback of the video stops and the Home Menu screen reappears.

## 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
TV Screen	<b>16:9 Full</b>	Select this when connecting to a wide (16:9) TV.
	16:9 Normal	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 44).	
Stream Smoother (BDP-LX55)	<b>Auto</b>	Select this to automatically correct compressed video files on the network, a disc or a USB memory device and play them with a more natural picture quality.
	Off	
Sharpness (Except BDP-LX55)	High	Choose the level of sharpness.
	Middle	
	<b>Low</b>	
Video Mode (Except BDP-LX55)	<b>Standard</b>	Choose the video output mode.
	Vivid	
	Cinema	
	Custom	
Noise Reduction (Except BDP-LX55)	<b>0</b>	Choose the level of noise reduction.
	1	
	2	
	3	

Setting	Options	Explanation
Audio Output	Digital Output	Bitstream Select this to output digital audio signals directly.
		<b>PCM</b> Select this to output digital audio signals converted to PCM audio signals.
		Re-encode Select this to output digital audio signals converted to DTS Digital Surround.
		Off Select this to output audio signals other than digital audio signals.
	DTS Downmix (BDP-LX55)	<b>Stereo</b> DTS-HD Master Audio signals, DTS-HD High Resolution Audio signals or DTS Digital Surround audio signals converted to linear PCM audio signals are converted into 2-channel (stereo) signals for output.
		Lt/Rt DTS-HD Master Audio signals, DTS-HD High Resolution Audio signals or DTS Digital 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> Select this when playing a disc recorded with a sampling frequency of 48 kHz.
		96k Select this when playing a disc recorded with a sampling frequency of 96 kHz.
		192k Select this when playing a disc recorded with a sampling frequency of 192 kHz.
	DRC (Dynamic Range Control)	<b>Off</b> Select this to output audio signals without using the DRC function.
* Only Dolby digital and analog audio signals are supported.		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.



Setting	Options	Explanation
HDMI	HDMI Mode (BDP-LX55)	<b>Single</b> Select this when an HDMI cable is connected to <b>HDMI OUT (MAIN)</b> terminal only.
		<b>Separate</b> Select this when HDMI cables are connected to both <b>HDMI OUT</b> terminals.
		<b>Pure Audio</b> Select this to enjoy music only with a better sound quality when devices are connected to both HDMI output terminals. With this setting, music is output from the <b>HDMI OUT (SUB)</b> terminal only, and video signals are only output from the <b>HDMI OUT (MAIN)</b> terminal when <b>DISPLAY</b> is pressed.
	Also refer to <i>Setting the HDMI Mode (Only for BDP-LX55)</i> on page 16.	
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 (Except BDP-LX55)	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 2-channel audio signals.
	Re-encode	Select this to choose the type of audio signals automatically.
	Off	Select this when you do not want to output the audio signal from the HDMI output terminal.
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 16.
	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.
To use Sound Retriever Link, Stream Smoother Link and PQLS (pages 16 and 17), Control must be set to <b>On</b> .		
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.
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	Even with 3D discs, the disc is played with 2D images.
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 44).
	Proxy Server	Only set the proxy server if so instructed by your Internet service provider (page 44).
	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 45).
	Internet Connection	<b>Enable</b> Select this when connecting to the Internet.
		<b>Disable</b> Select this when not connecting to the Internet.
	BD-Live connection	<b>Permitted</b> All discs are allowed to connect to BD-LIVE.
		<b>Partial Permitted</b> Only discs whose safety has been confirmed are allowed to connect to BD-LIVE.
		<b>Prohibited</b> No disc is allowed to connect to BD-LIVE.
	DLNA	<b>Enable</b> Select this when connecting to DLNA server.
		<b>Disable</b> Select this when not connecting to DLNA server.

	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.		
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.		
	Angle Mark	On	Select this to display the angle mark on the TV screen (page 28). This is the factory default setting for the BDP-440/BDP-140.
		Off	Select this if you do not want to display the angle mark on the TV screen. This is the factory default setting for the BDP-LX55.
	PIP Mark	On	Select this to display the PIP mark on the TV screen. This is the factory default setting for the BDP-440/BDP-140.
		Off	Select this if you do not want to display the PIP mark on the TV screen. This is the factory default setting for the BDP-LX55.
	Secondary Audio Mark	On	Select this to display the secondary audio mark on the TV screen (page 29). This is the factory default setting for the BDP-440/BDP-140.
		Off	Select this if you do not want to display the secondary audio mark on the TV screen. This is the factory default setting for the BDP-LX55.
	DivX(R) VOD DRM	Registration Code	Displays the player's registration code required to play DivX VOD files (page 10).
	DVD Playback	<b>DVD AUDIO</b>	Select this to play only the audio part on the DVD-Audio disc.
		DVD VIDEO	Select this to play only the video part on the DVD-Audio disc.
	* This setting is for DVD-Audio disc playback. (Except BDP-140)		
	Internet Setting	<b>Permitted</b>	Web contents can be watched without entering the password.
		Partial Permitted	The password must be entered to watch web contents.
		Prohibited	No web contents can be watched.
	Disc Auto Playback	<b>On</b>	Discs are played automatically after they are loaded.
		Off	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.
		Off	Select this when you want to use only Continue Viewing Play (page 33).
	PBC (Play Back Control)	<b>On</b>	Select this to play Video-CDs (version 2.0) compatible with PBC using the disc menu.
		Off	Select this to play Video-CDs (version 2.0) compatible with PBC without using the disc menu.
Security	Setup Navigator	Start making the settings using the Setup Navigator menu. For details, see page 23.	
	Change Password	Register (change) the password for parental lock settings or for unlocking to play DVD-Videos with the parental lock feature (page 45).	
	Parental Control	Change the player's parental lock level (page 46).	
	Country Code	Change the Country/Area code (page 46).	

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.
		10 min
		The power will be automatically turned off if no operation has been performed for more than 10 minutes/20 minutes/30 minutes.
		20 min
		<b>30 min</b>
	Quick Start	On
		Select to shorten the required time to boot up.
		<b>Off</b>
		Select to perform normal bootup.
Update		Disc
		Select the method of software updating. (page 46)
		USB Storage
		Network
	Load Default	Restore the settings to the factory default.
	System Information	Check the system version number.
Disc Auto Update	<b>On</b>	Display the software update screen when the disc with the player's update file is loaded.
	Off	The software update screen must be displayed manually. (page 46)
BUDA	BUDA Information	Display and set up the BUDA data on the connected USB memory 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.

#### List of BDP-LX55 setting items

Item	Description
Prog.Motion	Adjust according to the type of image (moving or still image). This is effective mainly when outputting video materials as progressive images.
Pure Cinema	This setting optimizes the operation of the progressive scanning circuit for playing film materials.
Black level	Adjusts the level of the black portions.
White level	Adjusts the level of the white portions.
Hue	Adjusts the balance between green and red.
Chroma Level	Adjusts the density of the colors.
Detail	Adjusts the picture's contours.
YNR	Reduces noise in the luminance (Y) signal.
CNR	Reduces noise in the chroma (C) signal.
MNR	Reduces the mosquito noise (distortion along the contours of the picture generated upon MPEG compression).
BNR	Reduces the block noise (block-shaped distortion generated upon MPEG compression).

#### List of BDP-440/BDP-140 setting items

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.



#### Note

- For the BDP-LX55, the **Video Adjust** settings do not affect Blu-ray 3D pictures or the pictures of the **VIDEO OUTPUT** terminals.

## ❖ 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 21 and 41).

### ❖ 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 47).

## ❖ 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 48.

## Software updating

The player's software can be updated using one of the methods shown below.

- Connecting to the Internet.
- Using a disc.
- Using a USB memory device.

Product information on this player is provided on the Pioneer website. Check the website shown on page 6 for update and service information on your Blu-ray disc player.



#### Caution

- Do not unplug the power cord or remove the USB memory device/disc during software updating. Otherwise, the updating will be aborted and malfunction may occur with the player.
- There are two processes for software updating, downloading and updating. Both processes may take a certain period of time.
- Other operations are defeated during software updating. Furthermore, updating process cannot be canceled.
- On the BDP-LX55/BDP-440, when the front panel display is off, turn it on with **FL DIMMER**. When updating the player's software with the front panel display off, do not unplug the power cord until the unit turns off.

## ❖ Updating connecting to the Internet



#### Note

- Depending on the Internet connection conditions, downloading may take a long time.
- Steps **1** to **5** are the operations performed by the user (they are intended to download the software from the Internet).
- Steps **6** to **8** are the operations performed (automatically) by the player (they are intended to update the software).

### 1 Connect to the Internet.

### 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 → Network → Start.

Use **↑/↓** to select, then press **ENTER**.

## 5 Select and set Start.

Press **ENTER**.

## 6 Downloading of the software start.

The software download status is displayed on the screen.

- Depending on the Internet connection conditions, software downloading may take a certain period of time.

## 7 Updating starts.

- Software updating may take a certain period of time.

## 8 Updating completes.

This unit automatically restarts.

## ❖ Updating using a USB memory device/disc



### Note

- When an update file is provided on the Pioneer website, use your computer to download it onto a USB memory device or disc. Carefully read the instructions on downloading update files provided on the Pioneer website.
- Store the update file in the root directory of the USB memory device or disc. Do not store it within a folder.
- Do not put any files other than the update file on the USB memory device or disc.
- To update using a disc, use a CD-R or CD-RW disc.
- The player supports USB memory devices formatted in FAT32/16. When formatting a USB memory device 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 memory device or disc.
- Do not use a USB extension cable to connect a USB memory device to the player. Using a USB extension cable may prevent the player from performing correctly.
- Steps **1** to **5** are the operations performed by the user.
- Steps **6** to **7** are the operations performed (automatically) by the player (they are intended to update the software).

## 1 Plug in the USB memory device or load the disc 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 → Disc or USB Storage → Start.

Use **↑/↓** to select, then press **ENTER**.

## 5 Select and set Yes.

Use **↑/↓/←/→** to select **Yes**, then press **ENTER**.

## 6 Updating starts.

- Software updating may take a certain period of time.

## 7 Updating completes.

# 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 23).
- When all the settings are restored to the factory defaults, all the data for the secondary video (Picture-in-Picture), secondary audio, bookmarks, etc., is erased.

# Language Code Table and Country/Area Code Table

## ❖ Language Code Table

Language name, language code, input code

Abkhazian, **ab/abk**, 0102  
 Afar, **aa/aar**, 0101  
 Afrikaans, **af/af**, 0106  
 Albanian, **sq/sqi**, 1917  
 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/bre**, 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/fij**, 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/gmn**, 0714  
 Gujarati, **gu/guj**, 0721  
 Hausa, **ha/hau**, 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/gle**, 0701  
 Italian, **it/ita**, 0920  
 Japanese, **ja/jpn**, 1001  
 Javanese, **iw/jav**, 1023  
 Kalaallisut, **kl/kl**, 1112  
 Kannada, **kn/kan**, 1114  
 Kashmiri, **ks/kas**, 1119  
 Kazakh, **kk/kaz**, 1111  
 Kinyarwanda, **rw/kin**, 1823  
 Kirghiz, **ky/kyr**, 1125  
 Korean, **ko/kor**, 1115  
 Kurdish, **ku/ku**, 1121  
 Lao, **lo/lao**, 1215  
 Latin, **la/lat**, 1201  
 Latvian, **lv/lav**, 1222  
 Lingala, **ln/lin**, 1214  
 Lithuanian, **lt/lt**, 1220  
 Macedonian, **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  
 Panjabi, **pa/pan**, 1601  
 Persian, **fa/fas**, 0601  
 Polish, **pl/pol**, 1612  
 Portuguese, **pt/por**, 1620  
 Pushto, **ps/pus**, 1619  
 Quechua, **qu/que**, 1721  
 Romanian, **ro/ron**, 1815  
 Romansh, **rm/roh**, 1813  
 Rundi, **rn/rnd**, 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  
 Polish (Tonga Islands), **to/ton**, 2015  
 Tsonga, **ts/tso**, 2019  
 Tswana, **tn/tsn**, 2014  
 Turkmen, **tk/tuk**, 2011  
 Turkish, **tr/tur**, 2018  
 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, **ji/yid**, 1009  
 Yoruba, **yo/yor**, 2515  
 Zulu, **zu/zul**, 2621

## ❖ Country/Area Code Table

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

Anguilla, **ai**, 0109  
 Antigua and Barbuda, **ag**, 0107  
 Argentina, **ar**, 0118  
 Armenia, **am**, 0113  
 Australia, **au**, 0121  
 Austria, **at**, 0120  
 Azerbaijan, **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  
 Dominican, **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  
 Uzbek, **uz**, 2126  
 Venezuela, **ve**, 2205  
 Virgin Islands, British, **vg**, 2207



## Chapter 8

## Additional information

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That's all there is to it!

## 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
- Dusty places
- 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.

### 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 7).
	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 10).</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 (above).
	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 9 for the region numbers of discs that can be played on this player.

Problem	Check	Remedy
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 15).</li> <li>• Disconnect the cable (video/audio cable or HDMI cable), then reinsert it firmly and all the way in.</li> <li>• For BDP-LX55, a TV or any other device which outputs video signals must be connected to the <b>HDMI OUT (MAIN)</b> terminal (page 18).</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>• On the BDP-LX55, switch the resolution at <b>Resolution</b> (page 41).</li> <li>• On the BDP-440/BDP-140, press <b>HDMI</b> to switch the video resolution output from the <b>HDMI OUT</b> terminal (page 12).</li> </ul>
	<ul style="list-style-type: none"> <li>• Is the player connected with an HDMI cable other than a High Speed HDMI® cable (with a Standard HDMI® cable)?</li> <li>• Are you using an HDMI cable with a built-in equalizer?</li> </ul>	1080p or Deep Color video signals may not be output properly, depending on the HDMI cable being used or the player's settings. If you wish to output the video signals with 1080p or Deep Color, connect the TV using a High Speed HDMI® cable without a built-in equalizer, then reset the player using the <b>Setup Navigator</b> (page 23).
	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 41).
	For the BDP-LX55: Is the <b>HDMI Mode</b> set appropriately?	Set the <b>HDMI Mode</b> to something other than <b>Pure Audio</b> (page 41).
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, unplug the power cord, wait several seconds, then plug the power cord back into the outlet.</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 15).
<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>	Is the TV's aspect ratio properly set?	Read the operating instructions for the TV and set the TV's aspect ratio properly.
	Is <b>TV Screen</b> properly set?	Set <b>TV Screen</b> properly (page 39).
		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 39).
Picture is interrupted.		The picture may be interrupted when the resolution of the recorded video signal switches. On the BDP-LX55, switch the resolution at <b>Resolution</b> (page 41). On the BDP-440/BDP-140, press <b>HDMI</b> to select a setting other than <b>Auto</b> (page 41).
The subtitles cannot be switched.		The subtitles cannot be switched for discs recorded on a DVD or BD recorder.



Problem	Check	Remedy
<ul style="list-style-type: none"> <li>No sound is output.</li> <li>Sound is not output properly.</li> </ul>	Is the disc played back in slow motion?	No sound is output during slow motion play and forward and reverse scanning.
	Is the disc played back in fast forward or fast reverse?	
	Are the audio cables properly connected?	<ul style="list-style-type: none"> <li>Connect the cable properly according to the connected devices (page 15).</li> <li>Insert the cable firmly and all the way in.</li> </ul>
	Is the audio cable damaged?	If the cable is damaged, replace it with a new one.
	Is <b>Audio Output</b> properly set?	Set <b>Audio Output</b> properly, according to the connected device (page 40).
	Are the connected components (AV receiver or amplifier, etc.) properly set?	Read the operating instructions for the connected components and check the volume, input, speaker settings, etc.
	Are you trying to listen to the sound of the <b>HDMI OUT</b> terminal while watching the picture from the <b>VIDEO</b> output terminals?	Audio signals are not output from the <b>HDMI OUT</b> terminal when video signals are being output from the <b>VIDEO</b> output terminals. When watching the picture of the <b>VIDEO</b> output terminals, connect an optical digital audio cable or regular audio cables to listen to the sound (page 20). Once connections are completed, use <b>Setup Navigator</b> to make the player's settings (page 23).
	Is <b>HDMI Audio Out</b> properly set?	Set <b>HDMI Audio Out</b> to <b>Re-encode</b> or <b>PCM</b> . (page 41).
	Is a DVI device connected?	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 20).
		For some BDs, audio signals are only output from <b>DIGITAL OUT</b> terminal or the <b>HDMI OUT</b> terminal.
	For the BDP-LX55: Is the <b>HDMI Mode</b> set appropriately?	Set the <b>HDMI Mode</b> properly, according to the connected device (page 41).
	Multi-channel sound is not output.	Read the operating instructions for the connected AV receiver or amplifier and check the audio output settings of the AV receiver or amplifier.
	Is multi-channel sound selected?	Use the menu screen or <b>AUDIO</b> to switch the disc's sound to multi-channel.
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 40).
192 kHz or 96 kHz digital audio signals cannot be output from the <b>DIGITAL OUT</b> terminal.		It is not possible to output 192 kHz or 96 kHz digital audio signals from this player's <b>DIGITAL OUT</b> terminal. The signals are automatically converted to 48 kHz or less for output.
Secondary audio or interactive audio is not output.	Is <b>HDMI Audio Out</b> properly set?	When listening to the sound from an <b>HDMI OUT</b> terminal, set <b>HDMI Audio Out</b> to <b>PCM</b> (page 41).
	Are <b>Digital Output</b> properly set?	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 40).
Sound is fast or slow. (Only for BDP-LX55 and BDP-440)	When an HDMI cable is connected, are audio signals being output from devices connected with cables other than HDMI cables?	When a Pioneer AV receiver or amplifier compatible with the PQLS function is connected directly to the player's <b>HDMI OUT</b> terminal using an HDMI cable, the PQLS function is activated when playing an audio CD (CD-DA). Because of this, the sound output from components other than the ones connected by an HDMI cable may be fast or slow. If this happens, set <b>Control</b> to <b>Off</b> (page 41).
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.
■ 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 memory device (page 21).</li> <li>Erase the data stored on the connected USB memory device from <b>BUDA Setup</b> (page 45).</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 15).
	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 15).
	For the BDP-LX55: Is the <b>HDMI Mode</b> set appropriately?	When both of the <b>HDMI OUT</b> terminals ( <b>MAIN</b> and <b>SUB</b> ) are used, the Control function only works for the <b>HDMI OUT (SUB)</b> terminal (page 16).
	Is <b>Control</b> set to <b>On</b> on the player?	Set <b>Control</b> to <b>On</b> on the player (page 41).
	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 16.</li> <li>• Even when connected to a Pioneer product compatible with the Control function, some of the functions may not work.</li> </ul> <p>Also refer to the operating instructions for the connected device.</p>
	Is Control set to On on the connected device?	<p>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.</p> <p>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.</p>
	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 45). If "Networks is OK." is displayed, check the proxy server settings (page 44). 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 41). 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
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 43).
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 41).
The player cannot be operated with the remote control.	Are you operating the remote control from a point too far away from the player?	Operate from within 7 m of the remote control sensor.
	Are the batteries dead?	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 41).
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 21).</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.
	Is the external storage device's file system FAT16 or FAT32?	Only external storage devices with a FAT16 or FAT32 file system can be used.
		Turn the player's power off, then turn the power back on.

## 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 9.

### ❖ AVCREC

See page 9.

### ❖ 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 9.

### ❖ 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 8.

### ❖ Deep Color

See page 15.

### ❖ 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 10.

### ❖ 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 15.

### ❖ **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 46.

### ❖ **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 9.

### ❖ **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 15.

# Specifications

<b>Model</b>		BDP-LX55 BDP-440 BDP-140
<b>Type</b>		Blu-ray 3D™ PLAYER
<b>Rated voltage</b>		AC 100 V to 240 V AC 110 V to 240 V (Duty-free model in Japan only)
<b>Rated frequency</b>		50 Hz/60 Hz
<b>Power consumption</b>		BDP-LX55: 25 W BDP-440, BDP-140: 23 W
<b>Power consumption (standby)</b>		BDP-LX55: 0.5 W BDP-440, BDP-140: 0.3 W
<b>Weight</b>		BDP-LX55: 3.5 kg BDP-440: 2.6 kg BDP-140: 2.1 kg
<b>External dimensions (including projecting parts)</b>		BDP-LX55: 435 mm (W) x 93 mm (H) x 252 mm (D) BDP-440: 435 mm (W) x 90 mm (H) x 252 mm (D) BDP-140: 435 mm (W) x 58 mm (H) x 249 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>	BDP-LX55: 2 set, 19-pin: 5 V, 250 mA BDP-440, BDP-140: 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>Optical</b> 1 set, Optical digital jack
<b>LAN</b>		1 set, Ethernet jack (10BASE-T/100BASE-TX)
<b>USB</b>		2 set, Type A



## Note

- The specifications and design of this product are subject to change without notice.



Please refer to our website for information regarding software updates and service to this product.

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