

SONY®

5-043-304-11(4)

Blu-ray Disc™ / DVD Player

Operating Instructions

Thank you for your purchase. Before using this player, please read these instructions carefully.

Getting Started

Playback

Settings and Adjustments

Additional Information



BDP-S1700/K
BDP-S1700/U

Model: YY0156D
Model: YY0158D

Owner's Record

The model and serial numbers are located at the bottom of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____

Serial No. _____

For customers in the USA

If this product is not working properly, please call 1-800-222-SONY(7669).

For Customers in Canada

If this product is not working properly, please contact our **Customer Information Service Center** at 1-877-899-7669 or write to us at: Customer Information Service 115 Gordon Baker Road, Toronto, Ontario, M2H 3R6

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

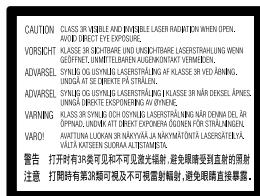
Do not expose batteries or appliances with battery-installed to excessive heat, such as sunshine and fire.

CAUTION

Risk of explosion if the battery is replaced by an incorrect type.

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

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.



This label is located on the laser protective housing inside the enclosure.



This symbol 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.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Precautions

- The nameplate is located on the bottom of the unit.
- To reduce the risk of fire or electric shock, do not expose this appliance to dripping or splashing, and do not place objects filled with liquids, such as vases, on the appliance.
- Install this unit so that the AC adaptor can be unplugged from the wall socket immediately in the event of trouble.

For United States customers. Not applicable in Canada, including in the province Of Quebec.

Pour les consommateurs Aux États-Unis. Non applicable au Canada, y compris la province de Québec.

FCC WARNING

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

If you have any questions about this product:

Visit: <https://www.sony.com/electronics/support>

Contact: Sony Customer Information Service Center at 1-800-222-7669

Supplier's Declaration of Conformity

Trade Name : SONY

Model : YY0156D / YY0158D

Responsible Party : Sony Electronics Inc.

Address : 16535 Via Esprillo, San Diego, CA 92127 U.S.A.

Telephone Number : 858-942-2230

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment must not be co-located or operated in conjunction with any other antenna or transmitter.

The shielded Interface cable (LAN cable) must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment

off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Precautions

This equipment has been tested and found to comply with the limits set out in the EMC Directive using a connection cable shorter than 3 metres.

On placement

- Place the player in a location with adequate ventilation to prevent heat build-up in the player.
- To reduce the risk of fire, do not cover the ventilation opening of the appliance with newspapers, tablecloths, curtains, etc.
- Do not expose the appliance to naked flame sources (for example, lighted candles).
- Do not install this player in a confined space, such as a bookshelf or similar unit.
- Do not place the player outdoors, in vehicles, on ships, or on other vessels.
- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the player. Should this occur, the player may not operate properly. In this case, remove the disc and leave the player turned on for about half an hour until the moisture evaporates.
- Do not install the player in an inclined position. It is designed to be operated in a horizontal position only.
- Do not place metal objects in front of the front panel. It may limit reception of radio waves.
- Do not place the player in a place where medical equipment is in use. It may cause a malfunction of medical instruments.
- Do not place heavy or unstable objects on the player.
- Do not place any objects other than discs on the disc tray. Doing so may cause damage to the player or the object.
- Take out any discs from the tray when you move the player. If you don't, the disc may be damaged.
- Disconnect the AC adaptor and all other cables from the player when you move the player.

On power sources

- The player is not disconnected from the AC power source as long as it is connected to the wall outlet, even if the player itself has been turned off.
- Disconnect the player from the wall outlet if you are not going to use the player for a long time. To disconnect the AC adaptor, grasp the plug itself; never pull the cord.
- Observe following points to prevent the AC adaptor being damaged. Do not use the AC adaptor if it is damaged, as doing so may result in an electric shock or fire.
 - Do not pinch the AC adaptor between the player and wall, shelf, etc.
 - Do not put anything heavy on the AC adaptor or pull on the AC adaptor itself.

On AC adaptor

- Use the supplied AC adaptor for this player, as other adaptors may cause a malfunction.
- Do not disassemble or reverse-engineer.
- Do not confine the AC adaptor in a closed place such as a bookshelf or an AV cabinet.
- Do not connect the AC adaptor to a traveler's electric transformer, which may generate heat and cause a malfunction.
- Do not drop or apply shock.

On adjusting volume

Do not turn up the volume while listening to a section with very low level inputs or no audio signals. Your ears and the speakers may be damaged when the sound level reaches the peak.

On cleaning

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

On cleaning discs, disc/lens cleaners

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

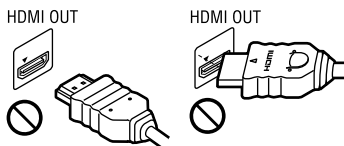
On replacement of parts

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

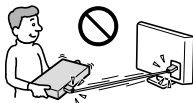
On connecting to the HDMI OUT jack

Observe the following as improper handling may damage the HDMI OUT jack and the connector.

- Carefully align the HDMI OUT jack on the rear of the player and the HDMI connector by checking their shapes. Make sure the connector is not upside down or tilted.



- Be sure to disconnect the HDMI cable when moving the player.



- Hold the HDMI connector straight when connecting or disconnecting the HDMI cable. Do not twist or force the HDMI connector into the HDMI OUT jack.

IMPORTANT NOTICE

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

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

Copy Protection

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

Cinavia Notice

This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. When a prohibited use of an unauthorized copy is detected, a message will be displayed and playback or copying will be interrupted.

More information about Cinavia technology is provided at the Cinavia Online Consumer Information Center at <http://www.cinavia.com>. To request additional information about Cinavia by mail, send a postcard with your mailing address to: Cinavia Consumer Information Center, P.O. Box 86851, San Diego, CA, 92138, USA.

Copyrights and Trademarks

- Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.
- Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.



- For DTS patents, see <http://xperi.com/dts-patents/>. Manufactured under license from DTS, Inc. and its affiliates. DTS, the DTS logo, Digital Surround, and DTS 2.0 + Digital Out are registered trademarks or trademarks of DTS, Inc. and its affiliates in the United States and/or other countries. © DTS, Inc. and its affiliates. ALL RIGHTS RESERVED.



- The terms HDMI™, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
- Blu-ray Disc™, Blu-ray™, BD-LIVE™, BONUSVIEW™, and the logos are trademarks of the Blu-ray Disc Association.
- "DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation.
- "DVD+RW," "DVD-RW," "DVD+R," "DVD-R," "DVD VIDEO," and "CD" logos are trademarks.
- "BRAVIA" is a trademark of Sony Corporation.
- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- This product incorporates proprietary technology under license from Verance Corporation and is protected by U.S. Patent 7,369,677 and other U.S. and worldwide patents issued and pending as well as copyright and trade secret protection for certain aspects of such technology. Cinavia is a trademark of Verance Corporation. Copyright 2004-2010 Verance Corporation. All rights reserved by Verance. Reverse engineering or disassembly is prohibited.

- Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary. Content owners use Microsoft PlayReady™ content access technology to protect their intellectual property, including copyrighted content. This device uses PlayReady technology to access PlayReady-protected content and/or WMDRM-protected content. If the device fails to properly enforce restrictions on content usage, content owners may require Microsoft to revoke the device's ability to consume PlayReady-protected content. Revocation should not affect unprotected content or content protected by other content access technologies. Content owners may require you to upgrade PlayReady to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade.
- Vewd® Core. Copyright 1995-2023 Vewd Software AS. All rights reserved. And right expression: This software is being provided on an <<as is>> basis.
Vewd and its suppliers disclaim all warranties regarding the software, either express or implied, statutory or otherwise, including without limitation warranties of functionality, fitness for a particular purpose or noninfringement.



- Other system and product names are generally trademarks or registered trademarks of the manufacturers.™ and ® marks are not indicated in this document.

Software License Information

For EULA (End User License Agreement), please refer to END USER LICENSE AGREEMENT sheet supplied with this player.
USING YOUR PRODUCT INDICATES YOUR ACCEPTANCE OF THIS AGREEMENT.

For details of the other software licenses, please select [Setup] and refer to [Software License Information] in [System Settings].

This product contains software that is subject to the GNU General Public License ("GPL") or GNU Lesser General Public License ("LGPL"). These licenses establish that customers have the right to acquire, modify, and redistribute the source code of said software in accordance with the terms of the GPL or the LGPL.

The source code for the software used in this product is subject to the GPL and LGPL, and is available on the Web. To download, please visit the following website:

<https://oss.sony.net/Products/Linux>
Please note that Sony cannot respond to any inquiries regarding the content of this source code.

Network, content and software of this product may be subject to individual terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information.

Contents

- 2 WARNING
- 4 Precautions

Getting Started

- 9 Guide to Parts and Controls
- 14 Step 1: Connecting the Player
- 15 Step 2: Network Connection (Only for Software Updates and BD-Live™ Service) (Wired Only)
- 15 Step 3: Easy Setup

Playback

- 17 Playing a Disc
- 18 Playing from a USB Device
- 19 Available Options

Settings and Adjustments

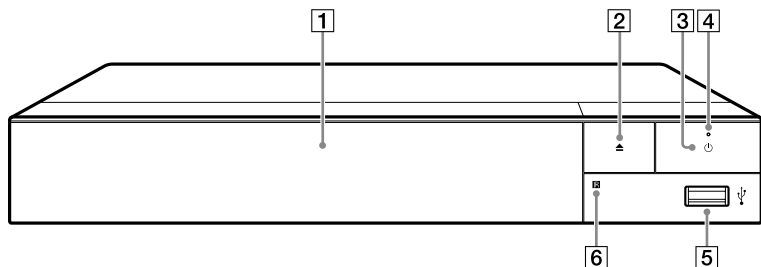
- 21 Using the Settings Displays
- 21 [Software Update]
- 21 [Accessibility Settings]
- 22 [Screen Settings]
- 23 [Audio Settings]
- 24 [BD/DVD Viewing Settings]
- 24 [Parental Control Settings]
- 25 [System Settings]
- 26 [Network Settings]
- 26 [Resetting]

Additional Information

- 27 Troubleshooting
- 30 Specifications

Guide to Parts and Controls

Front panel

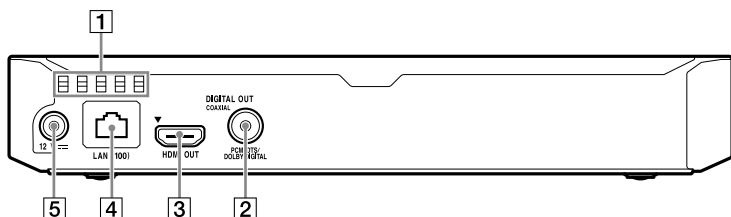


- 1 Door tray**
- 2 ▲ (open/close)**
- 3 ⏻ (on/standby)**
Turns on the player, or sets to standby mode.
- 4 Power indicator**
Lights up when the player is turned on.
- 5 USB (USB) jack**
Connect a USB device to this jack.
- 6 Remote sensor**

To lock the disc tray (Child Lock)

You can lock the disc tray to avoid accidental opening of the tray. While the player is turned on, press ■ STOP, HOME, and then TOP MENU button on the remote to lock or unlock the tray.

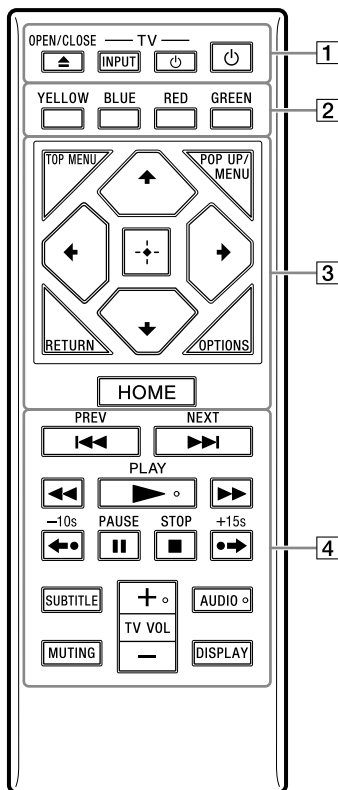
Rear panel



- 1 Ventilation holes**
- 2 DIGITAL OUT (COAXIAL) jack**
- 3 HDMI OUT jack**
- 4 LAN (100) terminal**
Use only when updating the software or when using the BD-Live™ service.
- 5 DC IN 12 V (AC adaptor input) jack**

Remote

The available functions of the remote are different depending on the disc or the situation.



► PLAY, TV VOL +, and AUDIO buttons have a tactile dot. Use the tactile dot as a reference when operating the player.

The player automatically returns to standby mode

If any button on the player or remote is not pressed for more than 20 minutes, the player automatically returns to standby mode.

1 ▲ OPEN/CLOSE

Opens or closes the disc tray.

-TV- INPUT

Switches between TV and other input sources.

-TV- ⏻ (on/standby)

Turns on the TV, or sets to standby mode.

⏻ (on/standby)

Turns on the player, or sets to standby mode.

2 Color buttons (YELLOW/BLUE/RED/GREEN)

Shortcut keys for interactive functions.

3 TOP MENU

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

POP UP/MENU

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

OPTIONS (page 19)

Displays the available options on the screen.

RETURN

Returns to the previous display.



Moves the highlight to select a displayed item.



- ↑/↓ as a shortcut key to launch track search window and input track number during music CD playback.
- ↑/↓ as a shortcut key to rotate photo clockwise/counterclockwise by 90 degrees.

- **↔** as a shortcut key to change still image when it is enabled to change.

(ENTER)

Enters the selected item.

HOME

Enters the player's home screen.

4 **◀◀ PREV/NEXT ▶▶**

Skips to the previous/next chapter, track, or file.

◀◀▶▶ (fast reverse/fast forward)

- Fast reverse/fast forward the disc when you press the button during playback. The search speed changes each time you press the button during video playback.
- Plays in slow motion, when pressed for more than one second in pause mode.
- Plays one frame at a time, when you press for a short time in pause mode.

▶ PLAY

Starts or re-starts playback.

◀◀ -10s/+15s ▶▶ (flash search)

Reverses or fast-forwards slightly during BD/DVD playback.

|| PAUSE

Pauses or re-starts playback.

■ STOP

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

SUBTITLE (page 24)

Selects the subtitle language when multi-lingual subtitles are recorded on BD-ROMs/DVD VIDEOS.

TV VOL +/-

Adjusts the TV volume.

AUDIO (page 24)

Selects the language track when multi-lingual tracks are recorded on BD-ROMs/DVD VIDEOS.

Selects the sound track on CDs.

MUTING

Turns off the sound temporarily.

DISPLAY (page 18)

Displays the playback information on the screen.

Code numbers of controllable TVs

Press and hold -TV- , and then press and hold the TV manufacturer's code using the remote button for more than 2 seconds. If more than one remote button is listed, try entering them one at a time until you find one that works with your TV.

Example: If your TV is Hitachi, press and hold -TV- , and then press and hold color button (BLUE) for more than 2 seconds.

Manufacturer	Remote Button
Sony (Default)	Color button (YELLOW)
Hitachi	Color button (BLUE)
LG/Goldstar/NEC	Color button (RED)
Toshiba	Color button (GREEN)
RCA	TOP MENU
Mitsubishi/MGA	
Pioneer	POP UP/MENU
Sharp	
Panasonic	 (ENTER)
Samsung	
Philips	RETURN
Vizio	 PLAY 



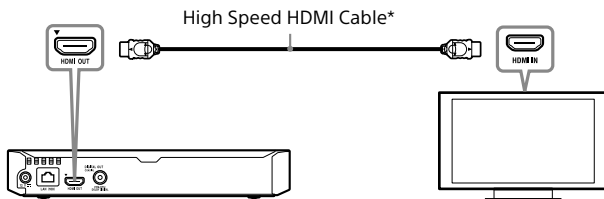
This player's remote may not work with your TV, depending on the model or model year of the TV. In such a case, use the remote supplied with your TV.

Step 1: Connecting the Player

Do not connect the AC adaptor until you have made all the connections.

Connecting to your TV

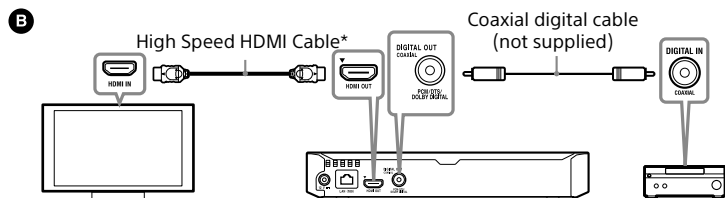
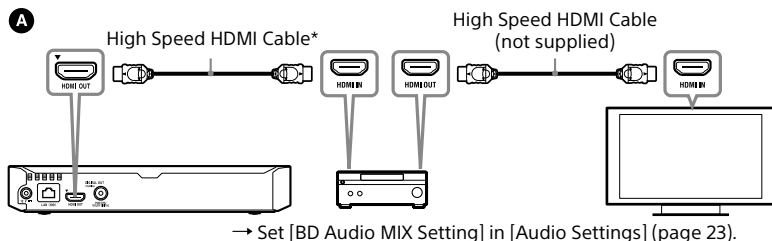
Connect the player to your TV with a High Speed HDMI Cable.



* For a High Speed HDMI Cable, see "Supplied accessories" (page 31).

Connecting to your AV amplifier (receiver)

Select one of the following connection methods according to the input jacks on your AV amplifier (receiver).

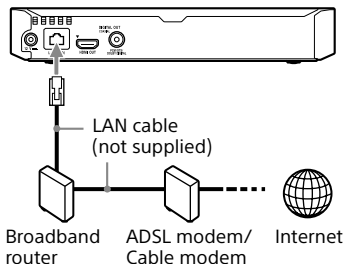


* For a High Speed HDMI Cable, see "Supplied accessories" (page 31).

Step 2: Network Connection (Only for Software Updates and BD-Live™ Service) (Wired Only)

If you are not going to connect the player to a network, proceed to "Step 3: Easy Setup" (page 15).

Use a LAN cable to connect to the LAN (100) terminal on the player.



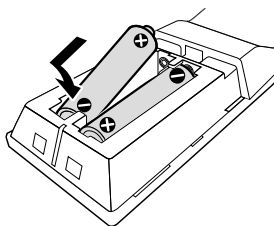
The use of a shielded and straight interface cable (LAN cable) is recommended.

Step 3: Easy Setup

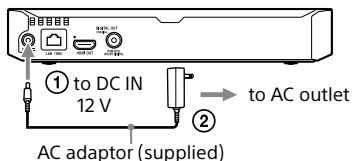
When turned on for the first time

Wait for a short while before the player turns on and starts [Easy Initial Settings].

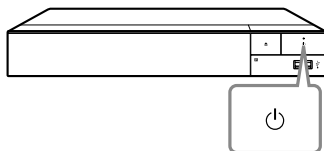
- 1 Insert two Size AAA (R03) batteries by matching the $\oplus$ and $\ominus$ ends on the batteries to the markings inside the battery compartment of the remote.**



- 2 Connect the supplied AC adaptor in the numeric order shown below. When removing them, do so in reverse order.**

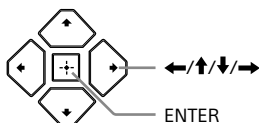


- 3 Press ⏻ to turn on the player.**



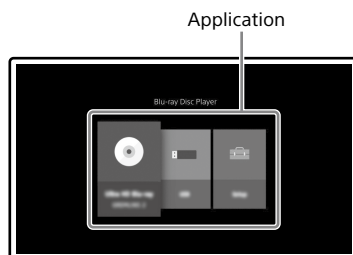
- 4** Turn on the TV and set the input selector on your TV by pressing **INPUT** button on the remote. This will show the signal from the player on your TV screen.

- 5** Perform [Easy Initial Settings]. Follow the on-screen instructions to make the basic settings using **←/↑/↓/→**, and **+** (ENTER) on the remote.



Home screen display

The home screen appears when you press HOME. Select an application using **←/→**, and press **+** (ENTER).



The following applications are displayed on the home screen.

● (Disc) (page 17)

Plays a disc.

■ [USB device] (page 18)

Plays content from a USB device.

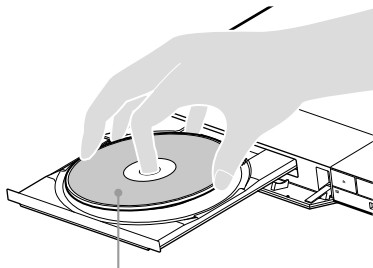
🧰 [Setup] (page 21)

Adjusts the player's settings.

Playing a Disc

For "Playable discs", see page 31.

- 1 **Switch the input selector on your TV so that the signal from the player appears on your TV screen.**
- 2 **Press $\triangle$ OPEN/CLOSE, and place a disc on the disc tray.**



Playing side facing down

- 3 **Press $\triangle$ OPEN/CLOSE to close the disc tray.**
Playback starts.
If playback does not start automatically, select [Video], [Music], or [Photo] category in $\bullet$ (Disc), and press $\square$ (ENTER).



$\bullet$ (Mixed disc) contains data contents. Press OPTIONS on the remote and select [Data Contents] to display any available contents.

Enjoying BONUSVIEW/ BD-LIVE

Some BD-ROMs with the "BD-LIVE" logo have bonus contents and other data that can be downloaded for your enjoyment.



- 1 **Connect a USB memory to the USB jack on the player (page 9).**
Use a 1 GB or larger USB memory as your local storage.
- 2 **Prepare for BD-LIVE (BD-LIVE only).**
 - Connect the player to a network (page 15).
 - Set [BD Internet Connection] in [BD/DVD Viewing Settings] to [Allow] (page 24).
- 3 **Insert a BD-ROM with BONUSVIEW/BD-LIVE.**
The operation method differs depending on the disc. Refer to the instruction manual supplied with the disc.

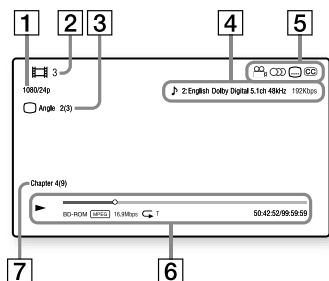


To delete data in the USB memory, select [Delete BD Data] in [BD/DVD Viewing Settings], and press $\square$ (ENTER). All data stored in the buda folder will be erased.

Displaying the play information

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

Example: when playing a BD-ROM



- 1 Output resolution/Video frequency
- 2 Title number or name
- 3 The currently selected angle
- 4 The currently selected audio and closed caption settings
- 5 Available functions (angle, audio, subtitle, closed caption)
- 6 Playback information
Displays the Play mode, Playing status bar, Disc type, Video codec, Bitrate, Repeat type, Elapsed time, and Total playing time.
- 7 Chapter number

Playing from a USB Device

For "Playable types of files", see page 33.

1 Connect the USB device to the USB jack on the player (page 9).

Refer to the instruction manual supplied with the USB device before connecting.

2 Select [USB device] using ←/→, and press + (ENTER).

3 Select [Video], [Music], or [Photo] category using ↑/↓, and press + (ENTER).

Available Options

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

Common options

- **[Repeat Setting]**: Sets the repeat mode.
- **[Play]/[Stop]**: Starts or stops the playback.
- **[Play from beginning]**: Plays the item from the beginning.
- **[Accessibility]^{*1,2}**:
 - [Screen Reader]
 - [Enlarge]
 - [Closed Captions]^{*3}



^{*1} [Accessibility] is only available when [Accessibility Shortcut] in [Accessibility Settings] is set to [On].

^{*2} [Accessibility] is not available during photo or music playback.

^{*3} [Closed Captions] is only available during video playback.

Video only

- **[A/V SYNC]**: Adjusts the gap between picture and sound, by delaying the sound output in relation to the picture output (0 to 120 milliseconds).
- **[Video Settings]**:
 - [Picture Quality Mode]: Selects the picture settings for different lighting environments.
 - [BNR]: Reduces the mosaic-like block noise in the picture.
 - [MNR]: Reduces minor noise around the picture outlines (mosquito noise).
- **[Pause]**: Pauses the playback.

- **[Top Menu]**: Displays the BD's or DVD's Top Menu.
- **[Menu]/[Popup Menu]**: Displays the BD-ROM's Pop-up Menu or DVD's menu.
- **[Title Search]**: Searches for a title on BD-ROMs/DVD VIDEOS and starts playback from the beginning.
- **[Chapter Search]**: Searches for a chapter and starts playback from the beginning.
- **[Audio]**: Switches the language track when multilingual tracks are recorded on BD-ROMs/DVD VIDEOS. Selects the sound track on CDs.
- **[Subtitle]**: Switches the subtitle language when multilingual subtitles are recorded on BD-ROMs/DVD VIDEOS.
- **[Closed Captions]**: Selects closed caption format when available.
- **[Angle]**: Switches to other viewing angles when multi-angles are recorded on BD-ROMs/DVD VIDEOS.
- **[Number Entry]**: Selects the number by using **←/↑/↓/→** key on the remote.

Music only

- **[Track Search]**: Searches the track number during music CD playback.
- **[Add Slideshow BGM]**: Registers music files in the USB memory as slideshow background music (BGM).
- **[Shuffle Setting]**: Set to [On] to playback music files in randomized order.

Photo only

- **[Slideshow Speed]**: Changes the slideshow speed.
- **[Slideshow Effect]**: Sets the effect for slideshows.
- **[Slideshow BGM]**:
 - [Off]: Turns off the function.
 - [My Music from USB]: Sets the music files registered in [Add Slideshow BGM].
 - [Play from Music CD]: Sets the tracks in CD-DAs.
- **[Change Display]**: Switches between [Grid View] and [List View].
- **[View Image]**: Displays the selected photo.
- **[Slideshow]**: Plays a slideshow.
- **[Rotate Left]**: Rotates the photo counterclockwise by 90 degrees.
- **[Rotate Right]**: Rotates the photo clockwise by 90 degrees.

Settings and Adjustments

Using the Settings Displays

Select  [Setup] on the home screen when you need to change the settings of the player.

The default settings are underlined.

- 1 Select  [Setup] on the home screen using  / .
- 2 Select the setup category icon using  / , and press  (ENTER).

[Software Update]

■ [Update via Internet]

Updates the player's software using available network. Make sure that the network is connected to the Internet. For details, see "Step 2: Network Connection (Only for Software Updates and BD-Live™ Service) (Wired Only)" (page 15).

■ [Update via USB Memory]

Updates the player's software using USB memory. Make sure that the Software Update Folder is correctly named as "UPDATE" and all the update files must be stored in this folder. The player can recognize up to 500 files/folders in a single layer including the update files/folders.



- We recommend performing the software update every 2 months or so.
- If your network condition is poor, visit <https://www.sony.com/bluraysupport/> to download the latest software version and update via USB memory.
You can also get information about update functions from the website.
- Make sure to operate the player using the supplied remote when updating.

[Accessibility Settings]

■ [Screen Reader Settings]

[Screen Reader]

[On]: Turns on the function.

[Off]: Turns off the function.

[Speech Rate]

[Very Fast] / [Fast] / [Normal] / [Slow] / [Very Slow]: Sets the reading speed.

[Speech Volume]

[High] / [Medium] / [Low]: Sets the reading volume.

[Prioritize Speech Audio]

[On]: Lowers the background sound volume when the sound overlaps with the read-out speech or the auditory signal.

[Off]: Turns off the function.

■ [Enlarge]

[On]: Text is displayed in large size.

[Off]: Text is displayed in normal size.

■ [Auto-Scroll Speed]

[Fast] / [Normal] / [Slow] / [Very Slow]: Sets the speed of automatic text scrolling.

■ [Accessibility Shortcut]

[On]: Turns on the shortcut in [Options] window.

[Off]: Turns off the shortcut.



[Screen Settings]

■ [TV Type]

[16:9]: Select this when connecting to a wide-screen TV or a TV with a wide mode function.

[4:3]: Select this when connecting to a 4:3 screen TV without a wide mode function.

■ [Screen Format]

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

[Normal]: Changes the picture size to fit the screen size with the original picture aspect ratio.

■ [DVD Aspect Ratio]

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

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

■ [Cinema Conversion Mode]

[Auto]: Normally select this. The player automatically detects whether the material is video-based or film-based, and switches to the appropriate conversion method.

[Video]: The conversion method suited for video-based material will always be selected regardless of the material.

■ [Output Video Resolution]

Normally select [Auto]. Select [Original Resolution] to output the resolution recorded on the disc. When the resolution is lower than the SD resolution, it is scaled up to the SD resolution.

■ [24p Output]

Outputs 24p video signals only when you connect a 1080/24p-compatible TV via an HDMI connection and the [Output Video Resolution] is set to [Auto] or [1080p].

[BD-ROM 24p Output]

[Auto]: Outputs 1920 × 1080p/24 Hz video signals only when connecting a 1080/24p-compatible TV using the HDMI OUT jack.

[On]: Turns on the function.

[Off]: Select this when your TV is not compatible with 1080/24p video signals.

[DVD-ROM 24p Output]

[Auto]: Outputs 1920 × 1080p/24 Hz video signals only when connecting a 1080/24p-compatible TV using the HDMI OUT jack.

[Off]: Select this when your TV is not compatible with 1080/24p video signals.

[Data content 24p Output]

This function is available for playback contents stored in USB memory or data disc.

[Auto]: Outputs 1920 × 1080p/24 Hz video signals only when connecting a 1080/24p-compatible TV using the HDMI OUT jack.

[Off]: Select this when your TV is not compatible with 1080/24p video signals.

■ [YCbCr/RGB (HDMI)]

[Auto]: Automatically detects the connected TV type, and switches to the matching color setting.

[YCbCr (4:2:2)]: Outputs YCbCr 4:2:2 video signals.

[YCbCr (4:4:4)]: Outputs YCbCr 4:4:4 video signals.

[RGB]: Outputs RGB video signals.

■ [HDMI Deep Color Output]

[Auto]: Normally select this.

[16bit]/[12bit]/[10bit]: Outputs 16bit/12bit/10bit video signals when the connected TV is compatible with Deep Color.

[Off]: Select this when the picture is unstable or colors appear unnatural.

■ [Pause Mode]

[Auto]: Normally select this. Dynamic moving pictures appear without blurring.

[Frame]: Displays static pictures at high resolution.

▶ [Audio Settings]

■ [Digital Audio Output]

[Auto]: Normally select this. Outputs audio signals according to the status of the connected devices.

[PCM]: Outputs PCM signals from the DIGITAL OUT (COAXIAL)/HDMI OUT jack.

■ [DSD Output Mode]

[Auto]: Outputs DSD signals from the HDMI OUT jack when playing DSD format file. Outputs LPCM signals instead if the HDMI connected device not support DSD.

[Off]: Outputs PCM signals from the HDMI OUT jack when playing DSD format file.

■ [BD Audio MIX Setting]

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

[Off]: Outputs the primary audio only. Select this to output HD audio signals to an AV amplifier (receiver).

■ [Dolby D Compatible Output]

[On]: Converts DTS audio source to Dolby Digital audio by using EDID (Extended Display Identification Data).

[Off]: Turns off the function.

■ [Audio DRC]

[Auto]: Performs playback at the dynamic range specified by the disc (BD-ROM only). Other discs are played back at the [On] level.

[On]: Performs playback at a standard compression level.

[Off]: No compression works. A more dynamic sound is produced.

■ [Downmix]

[Surround]: Outputs audio signals with surround effects. Select this when connecting an audio device that supports Dolby Surround (Pro Logic) or DTS Neo:6.

[Stereo]: Outputs audio signals without surround effects. Select this when connecting an audio device that does not support Dolby Surround (Pro Logic) or DTS Neo:6.

[BD/DVD Viewing Settings]

■ [BD/DVD Menu Language]

Selects the default menu language for BD-ROMs or DVD VIDEOS.

Select [Select Language Code], and enter the code for your language, referring to "Language code list" (page 35).

■ [Audio Language]

Selects the default audio language for BD-ROMs or DVD VIDEOS.

When you select [Original], the language given priority in the disc is selected.

Select [Select Language Code], and enter the code for your language, referring to "Language code list" (page 35).

■ [Subtitle Language]

Selects the default subtitle language for BD-ROMs or DVD VIDEOS.

Select [Select Language Code], and enter the code for your language, referring to "Language code list" (page 35).

■ [BD Hybrid Disc Playback Layer]

[BD]: Plays BD layer.

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

■ [BD Internet Connection]

[Allow]: Allows Internet connection from BD contents.

[Do not allow]: Prohibits Internet connection from BD contents.

■ [Delete BD Data]

Deletes data in the USB memory.

All data stored in the buda folder will be erased.

[Parental Control Settings]

■ [Password]

Sets or changes the password for the Parental Control function. A password allows you to set a restriction on BD-ROM or DVD VIDEO playback. If necessary, you can differentiate the restriction levels for BD-ROMs and DVD VIDEOS.

■ [Parental Control Area Code]

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

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

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

[System Settings]

■ [OSD Language]

Selects on-screen display language for your player.

■ [Closed Caption Settings]

Customizes the format of Closed Caption displayed.
Select [Original] in [Text Settings] setting to disable.

■ [HDMI Settings]

By connecting Sony components that are compatible with HDMI functions with a High Speed HDMI Cable, operation is simplified.

[Control for HDMI]

[On]: The following BRAVIA Sync features are available:

- One-Touch Play
- System Power-Off
- Language Follow

[Off]: Turns off the function.



For details, refer to the instruction manual supplied with the TV or components.

[Linked to TV-off]

[Valid]: Automatically turns off the player when the connected TV enters standby mode (BRAVIA Sync).

[Invalid]: Turns off the function.

■ [Quick Start Mode]

[On]: Shortens the startup time when turning on the player.

[Off]: Reduces standby power consumption.

■ [Auto Display]

[On]: Automatically displays information on the screen when changing the viewing titles, picture modes, audio signals, etc.

[Off]: Displays information only when you press DISPLAY.

■ [Software Update Notification]

[On]: Sets the player to inform you of newer software version information (page 21).

[Off]: Turns off the function.

■ [System Information]

Displays the player's software version information and the MAC address.

■ [Software License Information]

Displays information about the Software License.

[Network Settings]

■ [Internet Settings]

Connect the player to the network beforehand. For details, see "Step 2: Network Connection (Only for Software Updates and BD-Live™ Service) (Wired Only)" (page 15).



For further details, visit the following website and check the FAQ contents:
<https://www.sony.com/bluraysupport/>

■ [Network Connection Status]

Displays the current network status.

■ [Network Connection Diagnostics]

Checks for the proper network connection by running the network diagnostics.

■ [Remote Start]

[On]: Allows you to turn on the player by a device linked via a network.

[Off]: Turns off the function.

[Resetting]

■ [Reset to Factory Default Settings]

Resets the player settings to the factory default by selecting the group of settings. All the settings within the group will be reset.

■ [Initialize Personal Information]

Erases your personal information stored in the player.



If you dispose, transfer or resell this unit, please delete all Personal Information for security purposes.

Additional Information

Troubleshooting

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

Picture

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

- ➔ Check that all the connecting cables are securely connected (page 14).
- ➔ Switch the input selector on your TV to display the signal from the player.
- ➔ Reset the [Output Video Resolution] to the lowest resolution by pressing ■ STOP, HOME, and then POP UP/MENU button on the remote.
- ➔ Try the following: ①Turn the player off and on again. ②Turn the connected equipment off and on again. ③Disconnect and then reconnect the HDMI cable.
- ➔ The HDMI OUT jack is connected to a DVI device that does not support copyright protection technology.
- ➔ Check the [Output Video Resolution] settings in [Screen Settings] (page 22).
- ➔ For BD-ROMs/DVD-ROMs/Data content, check the [24p Output] settings in [Screen Settings] (page 22).

The display language on the screen switches automatically when connected to the HDMI OUT jack.

- ➔ When [Control for HDMI] in [HDMI Settings] is set to [On] (page 25), the display language on the screen automatically switches according to the language setting of the connected TV (if you change the setting on your TV, etc.).

Sound

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

- ➔ Check that all the connecting cables are securely connected (page 14).
- ➔ Switch the input selector on your AV amplifier (receiver) so that the audio signals of the player are output from your AV amplifier (receiver).
- ➔ If the audio signal does not come through the DIGITAL OUT (COAXIAL)/HDMI OUT jack, check the audio settings (page 23).
- ➔ For HDMI connections, try the following: ①Turn the player off and on again. ②Turn the connected equipment off and on again. ③Disconnect and then reconnect the HDMI cable.
- ➔ For HDMI connections, if the player is connected to a TV through an AV amplifier (receiver), try connecting the HDMI cable directly to the TV. Refer also to the instruction manual supplied with the AV amplifier (receiver).
- ➔ The HDMI OUT jack is connected to a DVI device (DVI jacks do not accept audio signals).
- ➔ The device connected to the HDMI OUT jack does not support the audio format of the player. Check the audio settings (page 23).

The HD Audio (Dolby Digital Plus, Dolby TrueHD, DTS-HD High Resolution Audio, and DTS-HD Master Audio) is not output by bitstream.

- ➔ Set [BD Audio MIX Setting] in [Audio Settings] to [Off] (page 23).
- ➔ Check that the connected AV amplifier (receiver) is compatible with each HD Audio format.

The interactive audio is not output.

- ➔ Set [BD Audio MIX Setting] in [Audio Settings] to [On] (page 23).

Message Code 3 [Audio outputs temporarily muted. Do not adjust the playback volume. The content being played is protected by Cinavia and is not authorized for playback on this device. For more information, see <http://www.cinavia.com>. Message Code 3] appears on the screen when playing a disc.

- ➔ The audio track of the video that you are playing contains a Cinavia code indicating that it is an unauthorized copy of professionally-produced content (page 6).

Disc

The disc does not play.

- ➔ The disc is dirty or skewed.
- ➔ The disc is upside down. Insert the disc with the playback side facing down.
- ➔ The disc has a format that cannot be played back by this player (page 31).
- ➔ The player cannot play a recorded disc that is not correctly finalized.
- ➔ The region code on the BD or DVD does not match the player.

USB device

The player does not detect a USB device connected to the player.

- ➔ Make sure that the USB device is securely connected to the USB jack.
- ➔ Check if the USB device or a cable is damaged.
- ➔ Check if the USB device is on.
- ➔ If the USB device is connected via a USB hub, connect the USB device directly to the player.

Network connection

The player cannot connect to the network.

- ➔ Check the network connection (page 15) and the network settings (page 26).

The message [A new software version is available. Please go to the "Setup" section of the menu and select "Software Update" to perform the update.] appears on the screen when turning the player on.

- ➔ See [Software Update] (page 21) to update the player to a newer software version.

Control for HDMI (BRAVIA Sync)

The [Control for HDMI] function does not work (BRAVIA Sync).

- ➔ Check that [Control for HDMI] in [HDMI Settings] is set to [On] (page 25).
- ➔ If you change the HDMI connection, turn the player off and on again.
- ➔ If power failure occurs, set [Control for HDMI] in [HDMI Settings] to [Off], then set [Control for HDMI] in [HDMI Settings] to [On] (page 25).
- ➔ Check the following and refer to the instruction manual supplied with the component.
 - the connected component is compatible with the [Control for HDMI] function.
 - the connected component's setting for the [Control for HDMI] function is correct.
- ➔ When you connect the player to a TV through an AV amplifier (receiver),
 - if the AV amplifier (receiver) is not compatible with the [Control for HDMI] function, you may be unable to control the TV from the player.
 - if you change the HDMI connection, disconnect and reconnect the AC adaptor, or a power failure occurs, try the following: ①Switch the input selector of the AV amplifier (receiver) so that the picture from the player appears on the TV screen. ②Set [Control for HDMI] in [HDMI Settings] to [Off], then set [Control for HDMI] in [HDMI Settings] to [On] (page 25). Refer to the instruction manual supplied with the AV amplifier (receiver).

The System Power-Off function does not work (BRAVIA Sync).

- ➔ Check that [Control for HDMI] and [Linked to TV-off] in [HDMI Settings] are set to [On] and [Valid] (page 25).

Others

Playback does not start from the beginning of content.

- ➔ Press OPTIONS, and select [Play from beginning].

Playback does not start from the resume point where you last stopped playing.

- ➔ The resume point may be cleared from memory depending on the disc when
 - you open the disc tray.
 - you disconnect the USB device.
 - you play other content.
 - you turn off the player.

Message Code 1 [Playback stopped. The content being played is protected by Cinavia and is not authorized for playback on this device. For more information, see <http://www.cinavia.com>. Message Code 1] appears on the screen when playing a disc.

- ➔ The audio track of the video that you are playing contains a Cinavia code indicating it was intended for presentation using professional equipment only and is not authorized for playback by consumers (page 6).

The disc tray does not open and you cannot remove the disc even after you press .

- ➔ While the player is turned on, press  STOP, HOME, and then TOP MENU button on the remote to unlock the tray and disable the Child Lock (page 9).
- ➔ Try the following: ①Turn the player off, and disconnect the AC adaptor. ②Reconnect the AC adaptor while pressing down  on the player. ③Keep pressing down  on the player until the tray opens. ④Remove the disc. ⑤Disconnect and reconnect the AC adaptor again to recover the player.

The message [[EJECT] Key is currently unavailable.] appears on the screen after is pressed.

- ➔ Contact your nearest Sony dealer or local authorized Sony service facility.

The player does not respond to any button.

- ➔ Moisture has condensed inside the player (page 4).

Specifications

Specifications and design are subject to change without notice.

System

Laser:

Semiconductor laser

Emission Duration:

Continuous

Wavelength:

400 - 410 nm (BD)

650 - 664 nm (DVD)

770 - 800 nm (CD)

Laser Output:

Less than 1 mW*

* This output is the value measurement at a distance of 100 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.

Inputs and outputs

(Jack name:

Jack type/Output level/Load impedance)

DIGITAL OUT (COAXIAL):

Phono jack/0.5 Vp-p/75 ohms

HDMI OUT:

HDMI 19-pin standard connector

LAN (100):

100BASE-TX Terminal

USB:

USB jack Type A (For connecting a USB memory, memory card reader, digital still camera, and digital video camera)*

* Do not use for power charging purposes.

DC IN:

12 V DC, 600 mA

General

Power requirements:

12 V DC with AC adaptor

Rating: Input 120 V AC, 60 Hz

Power consumption (when using AC adaptor):

8.5 W

Dimensions (approx.):

230 mm × 194 mm × 39 mm

(9 1/8 in. × 7 3/4 in. × 1 9/16 in.)

(width/depth/height)

incl. projecting parts

Mass (approx.): 0.8 kg (1 lb 13 oz)

Operating temperature:

5 °C to 35 °C (41 °F to 95 °F)

Operating humidity:

25 % to 80 %

Supplied accessories

- High Speed HDMI Cable (1)*
- AC adaptor (AC-M1210UC) (1)
- Remote commander (remote) (1)
- Size AAA (R03) batteries (2)
- Operating Instructions (1)
- END USER LICENSE AGREEMENT (1)

* Supplied for BDP-S1700/U

Playable discs

Blu-ray Disc^{*1}	BD-ROM BD-R ^{*2} /BD-RE ^{*2}
DVD^{*3}	DVD-ROM DVD-R/DVD-RW DVD+R/DVD+RW
CD^{*3}	CD-DA (Music CD) CD-ROM CD-R/CD-RW

^{*1} Since the Blu-ray Disc specifications are new and evolving, some discs may not be playable depending on the disc type and the version.

The audio output differs depending on the source, connected output jack, and selected audio settings.

^{*2} BD-RE: Ver.2.1

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

^{*3} A CD or DVD disc will not play if it has not been correctly finalized. For more information, refer to the instruction manual supplied with the recording device.

Discs that cannot be played

- BDs with cartridge
- BDXLs
- DVD-RAMs
- HD DVDs
- DVD Audio discs
- PHOTO CDs
- Data part of CD-Extras
- Super VCDs
- Audio material side on DualDiscs
- A disc recorded in a color system other than NTSC, such as PAL (this player conforms to the NTSC color system).

Note on Discs

This product is designed to playback discs that conform to the Compact Disc (CD) standard. DualDiscs and some of the music discs encoded with copyright protection technologies do not conform to the Compact Disc (CD) standard, therefore, these discs may not be playable by this product.

Note on playback operations of BDs/DVDs

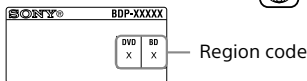
Some playback operations of BDs/DVDs may be intentionally set by software producers. Since this player plays BDs/DVDs according to the disc contents the software producers designed, some playback features may not be available.

Note about double-layer BDs/DVDs

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

Region code (BD-ROM/DVD VIDEO only)

Your player has a region code printed on the bottom of the unit and will only play BD-ROMs/DVD VIDEOS labeled with identical region codes or .



Playable types of files

Video

Codec	Container	Extension	With Audio
MPEG-1 Video	PS	.mpg, .mpeg	Dolby Digital, DTS, LPCM, MPEG
	MKV	.mkv	Dolby Digital, LPCM, AAC, MP3, Vorbis
MPEG-2 Video	PS	.mpg, .mpeg	Dolby Digital, DTS, LPCM, MPEG
	TS	.m2ts, .mts	Dolby Digital, DTS, LPCM, MPEG, AAC
	MKV	.mkv	Dolby Digital, LPCM, AAC, MP3, Vorbis
MPEG4/AVC ¹	MKV	.mkv	Dolby Digital, LPCM, AAC, MP3, Vorbis
	MP4	.mp4, .m4v	AAC
	TS	.m2ts, .mts	Dolby Digital, DTS, LPCM, MPEG, AAC
	Quick Time	.mov	Dolby Digital, LPCM, AAC, MP3
	FLV	.f4v	LPCM, AAC, MP3
	3gpp/ 3gpp2	.3gp, .3g2, .3gpp, .3gp2	AAC
VC1	TS	.m2ts, .mts	Dolby Digital, DTS, LPCM, MPEG, AAC
	MKV	.mkv	Dolby Digital, LPCM, AAC, MP3, Vorbis
WMV9 ²	ASF	.wmv, .asf	WMA9, WMA 10 Pro
	MKV	.mkv	Dolby Digital, LPCM, AAC, MP3, Vorbis
Motion JPEG	Quick Time	.mov	Dolby Digital, LPCM, AAC, MP3
	AVI	.avi	Dolby Digital, LPCM, AAC, MP3

Format

AVCHD (Ver.2.0)^{3*4}

Music

Codec	Extension
MP3 (MPEG-1 Audio Layer III) ^{*5}	.mp3
AAC/HE-AAC ^{*5}	.m4a, .aac
WMA9 Standard	.wma
WMA 10 Pro ^{*6}	.wma
LPCM ^{*5}	.wav
FLAC	.flac, .fla
Dolby Digital ^{*5}	.ac3
DSF	.dsf
DSDIFF ^{*7}	.dff
AIFF	.aiff, .aif
ALAC	.m4a
Vorbis	.ogg
Monkey's Audio	.ape

Photo

Format	Extension
JPEG	.jpeg, .jpg, .jpe
PNG	.png ^{*8}
GIF	.gif ^{*8}
BMP	.bmp ^{*9}

^{*1} The player can support AVC up to Level 4.1.

^{*2} The player can support WMV9 up to Advance Profile.

^{*3} The player can support frame rate up to 60 fps.

^{*4} The player plays AVCHD format files that are recorded on a digital video camera, etc. The AVCHD format disc will not play if it has not been correctly finalized.

^{*5} The player can play ".mka" files.

^{*6} The player does not play coded file such as Lossless.

^{*7} The player does not play DST encoded files.

^{*8} The player does not play animated PNG or animated GIF files.

^{*9} The player does not support 16bit BMP files.



- Some files may not play depending on the file format, file encoding, or recording condition.
- Some files edited on a PC may not play.
- Some files may not be able to perform fast forward or fast reverse function.
- The player does not play coded files such as DRM.
- The player can recognize the following files or folders in BDs, DVDs, CDs and USB devices:
 - up to folders in the 9th layer, including the root folder.
 - up to 500 files/folders in a single layer.
- The player can support frame rate:
 - up to 60 fps for AVCHD (MPEG4/AVC) only.
 - up to 30 fps for other video codecs.
- The player can support video bit rate up to 40 Mbps.
- Some USB devices may not work with this player.
- The player can recognize Mass Storage Class (MSC) devices (such as flash memory or an HDD), Still Image Capture Device (SICD) class devices and 101 keyboard.
- To avoid data corruption or damage to the USB memory or devices, turn off the player when connecting or removing the USB memory or devices.
- The player may not play high bit rate video files on DATA CDs smoothly. It is recommended to play such files using DATA DVDs or DATA BDs.

Notes About the Discs

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.  Dust, fingerprints, or scratches on the disc may cause it to malfunction.
- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerably inside the car.
- After playing, store the disc in its case.
- Clean the disc with a cleaning cloth. Wipe the disc from the center out. 
- Do not use solvents such as benzene, thinner, commercially available disc/lens cleaners, or anti-static spray intended for vinyl LPs.
- If you have printed the disc's label, dry the label before playing.
- Do not use the following discs.
 - A lens cleaning disc.
 - A disc that has a non-standard shape (e.g., card, heart).
 - A disc with a label or sticker on it.
 - A disc that has cellophane tape or sticker adhesive on it.
- Do not resurface the playing side of a disc to remove surface scratches.

Language code list

For details, see [BD/DVD Viewing Settings] (page 24).
The language spellings conform to the ISO 639: 1988 (E/F) standard.

Code Language

1027	Afar	1028	Abkhazian
1032	Afrikaans	1039	Amharic
1044	Arabic	1045	Assamese
1051	Aymara	1052	Azerbaijani
1053	Bashkir	1057	Byelorussian
1059	Bulgarian	1060	Bihari
1061	Bislama	1066	Bengali
1067	Tibetan	1070	Breton
1079	Catalan	1093	Corsican
1097	Czech	1103	Welsh
1105	Danish	1109	German
1130	Bhutani; Dzongkha	1142	Greek
1144	English	1145	Esperanto
1149	Spanish	1150	Estonian
1151	Basque	1157	Persian
1165	Finnish	1166	Fiji
1171	Faroese	1174	French
1181	Frisian	1183	Irish
1186	Scots Gaelic	1194	Galician
1196	Guarani	1203	Gujarati
1209	Hausa	1217	Hindi
1226	Croatian	1229	Hungarian
1233	Armenian	1235	Interlingua
1239	Interlingue	1245	Inupiak
1248	Indonesian	1253	Icelandic
1254	Italian	1257	Hebrew
1261	Japanese	1269	Yiddish
1283	Javanese	1287	Georgian
1297	Kazakh	1298	Greenlandic; Kalaallisut
1299	Cambodian; Khmer	1300	Kannada
1301	Korean	1305	Kashmiri
1307	Kurdish	1311	Kirghiz
1313	Latin	1326	Lingala
1327	Laotian; Lao	1332	Lithuanian
1334	Latvian	1345	Malagasy
1347	Maori	1349	Macedonian
1350	Malayalam	1352	Mongolian
1353	Moldavian	1356	Marathi

Code Language	
1357	Malay
1363	Burmese
1369	Nepali
1379	Norwegian
1403	Oromo
1417	Punjabi;
	Panjabi
1435	Pashto;
	Pushto
1463	Quechua
1482	Kirundi; Rundi
1489	Russian
1495	Sanskrit
1501	Sangho;
	Sango
1503	Singhalese;
	Sinhalese
1506	Slovenian
1508	Shona
1511	Albanian
1513	Siswati; Swati
1515	Sundanese
1517	Swahili
1525	Telugu
1528	Thai
1531	Turkmen
1534	Setswana;
	Tswana
1538	Turkish
1540	Tatar
1557	Ukrainian
1572	Uzbek
1587	Volapük
1632	Xhosa
1684	Chinese
1703	Not specified

Country/area code for parental control

For details, see [Parental Control Area Code] (page 24).

Code Country/area	
2044	Argentina
2046	Austria
2070	Brazil
2092	Mainland China
2115	Denmark
2174	France
2200	Greece
2248	India
2239	Ireland
2276	Japan
2333	Luxembourg
2362	Mexico
2390	New Zealand
2427	Pakistan
2428	Poland
2489	Russia
2149	Spain
2086	Switzerland
2528	Thailand
2586	Vietnam
2047	Australia
2057	Belgium
2090	Chile
2093	Colombia
2165	Finland
2109	Germany
2219	Hong Kong
2238	Indonesia
2254	Italy
2304	Korea
2363	Malaysia
2376	Netherlands
2379	Norway
2424	Philippines
2436	Portugal
2501	Singapore
2499	Sweden
2543	Taiwan
2184	United Kingdom

The software of this player may be updated in the future. To download any available updates and the Operating Instructions with advanced features, please visit the following website:

<https://www.sony.com/bluraysupport/>

Sony products can be returned for recycling to a number of locations throughout the United States and Canada. Visit www.sony.com/ecotrade for details.

Model: YY0156D/ YY0158D



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