SONY®

Blu-ray Disc™ /
DVD Player

Operating Instructions

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/

Blu-ray Disc™

BD LIVE™ DVD VIDEO™ COMPACT disc DIGITAL AUDIO HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE Java™ POWERED

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 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.
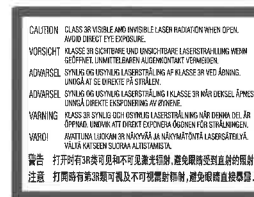
CAUTION

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.

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

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.

- 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.
- 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.
- 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 f lame sources (for example, lighted candles).
- Do not install this player in a confined space, such as a bookshelf or similar unit.
- 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.

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.

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.

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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.

Remote

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

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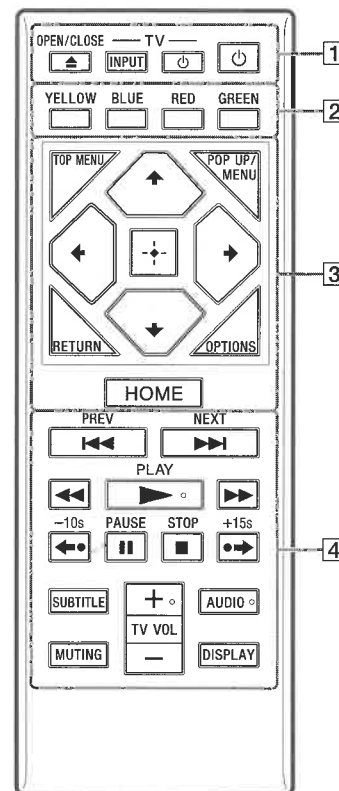
▶ PLAY, TV VOL +, and AUDIO buttons have a tactile dot. Use the tactile dot as a reference when operating the player.

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.

⑴ ▲ OPEN/CLOSE
Opens or closes the door 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
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 **I◀◀ PREV/NEXT ▶▶I**
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

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

TV VOL +/-

Adjusts the TV volume.

AUDIO

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

Displays the playback information on the screen.

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.

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.
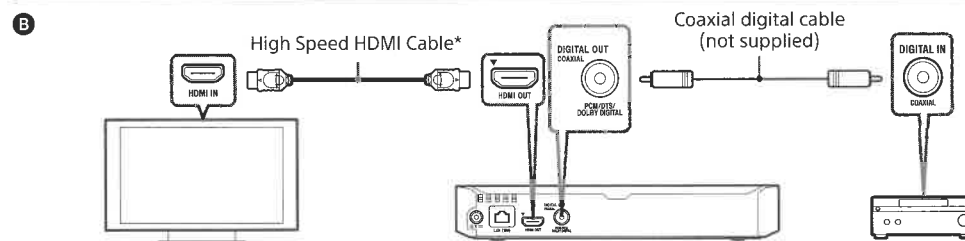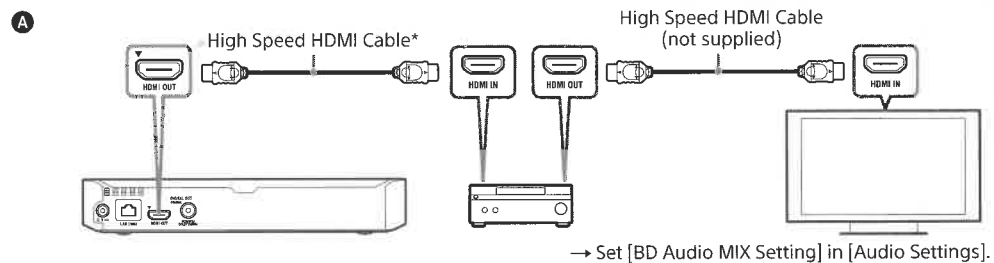
Connecting to your TV

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

High Speed HDMI Cable*
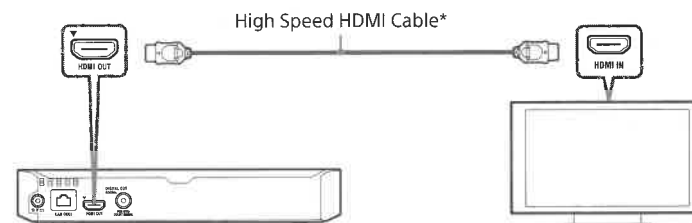
* For a High Speed HDMI Cable, see "Supplied accessories" (page 14).

Connecting to your AV amplifier (receiver)

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

A High Speed HDMI Cable*   High Speed HDMI Cable (not supplied)

→ Set [BD Audio MIX Setting] in [Audio Settings].

B High Speed HDMI Cable*   Coaxial digital cable (not supplied)

* For a High Speed HDMI Cable, see "Supplied accessories" (page 14).

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

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

LAN cable (not supplied)

Broadband router   ADSL modem/ Cable modem   Internet
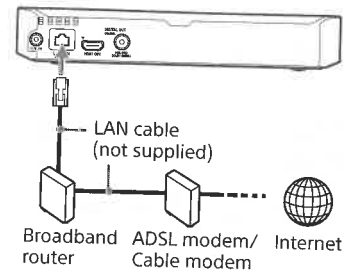
The use of a shielded and straight interface cable (LAN cable) is recommended.

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 ⊕ and ⊖ ends on the batteries to the markings inside the battery compartment of the remote.**
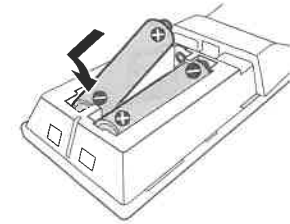
2 **Connect the supplied AC adaptor in the numeric order shown below. When removing them, do so in reverse order.**

① to DC IN 12 V   → to AC outlet
②

AC adaptor (supplied)
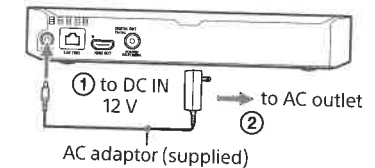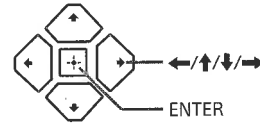
3 **Press ⏻ to turn on the player.**
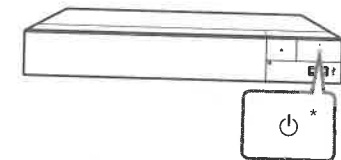
* Turns on the player, or sets to standby mode.

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.**
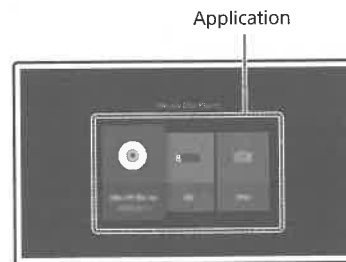
5 Perform [Easy Initial Settings].

Follow the on-screen instructions to make the basic settings using ←/↑/↓/→ and ⊞ (ENTER) on the remote.

←/↑/↓/→

ENTER

Home screen display

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

Application

The following applications are displayed on the home screen.

● (Disc)
Plays a disc.
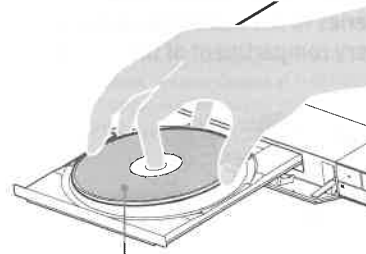**▣▬▬ [USB device]**
Plays content from a USB device.
▦ [Setup]
Adjusts the player's settings.

9

Playing a Disc

For "Playable discs", see page 11.

1 Press ▲ OPEN/CLOSE, and place a disc on the disc tray.

Playing side facing down

2 Press ▲ OPEN/CLOSE to close the disc tray.

Playback starts.
If playback does not start automatically, select [Video], [Music], or [Photo] category in ● (Disc), and press ⊞ (ENTER).

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

Enjoying BONUSVIEW/BD-LIVE

1 Connect a USB memory to the USB jack on the player.

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 8).
• Set [BD Internet Connection] in [BD/DVD Viewing Settings] to [Allow].

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.

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

Playing from a USB Device

For "Playable types of files", see page 12.

1 Connect the USB device to the USB jack on the player.

2 Select ▄ [USB device] using ◀/▶, and press ⊞ (ENTER).

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

Software Update

1 Select 🧰 [Setup] on the home screen using ⬅/➡.

2 Select ⟲ [Software Update] using ⬆/⬇, and press ⊞ (ENTER).

■ [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 8).

■ [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.

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.

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 🌐.

Region code

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.

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

DIGITAL OUT (COAXIAL) (Jack name)	Phono jack /0.5 Vp-p/75 ohms (Jack type/Output level/Load impedance)
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 x 194 mm x 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 (this document)
- END USER LICENSE AGREEMENT (1)

* Supplied for BDP-S1700/U