



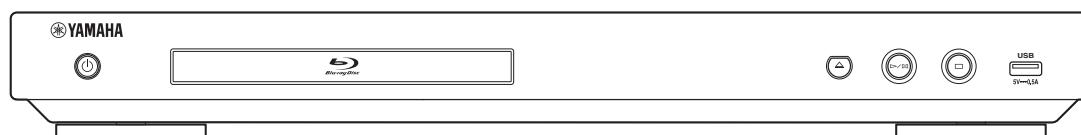
Blu-ray Disc Player

BD-S477

Owner's Manual
Manual de Instrucciones

English

Español



Caution: Read this before operating your unit.

- 1 To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
 - 2 Install this sound system in a well ventilated, cool, dry, clean place-away from direct sunlight, heat sources, vibration, dust, moisture, and/or cold. For proper ventilation, allow the following minimum clearances.
Top : 10 cm (4 in)
Rear: 10 cm (4 in)
Side: 10 cm (4 in)
 - 3 Locate this unit away from other electrical appliances, motors, or transformers to avoid humming sounds.
 - 4 Do not expose this unit to sudden temperature changes from cold to hot, and do not locate this unit in an environment with high humidity (i.e. a room with a humidifier) to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, and/or personal injury.
 - 5 Avoid installing this unit where foreign object may fall onto this unit and/or this unit may be exposed to liquid dripping or splashing. On the top of this unit, do not place:
 - Other components, as they may cause damage and/or discoloration on the surface of this unit.
 - Burning objects (i.e. candles), as they may cause fire, damage to this unit, and/or personal injury.
 - Containers with liquid in them, as they may fall and liquid may cause electrical shock to the user and/or damage to this unit.
 - 6 Do not cover this unit with a newspaper, tablecloth, curtain, etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, and/or personal injury.
 - 7 Do not plug in this unit to a wall outlet until all connections are complete.
 - 8 Do not operate this unit upside-down. It may overheat, possibly causing damage.
 - 9 Do not use force on switches, knobs and/or cords.
 - 10 When disconnecting the power cable from the wall outlet, grasp the plug; do not pull the cable.
 - 11 Do not clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.
 - 12 Only voltage specified on this unit must be used. Using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, and/or personal injury. Yamaha will not be held responsible for any damage resulting from use of this unit with a voltage other than specified.
 - 13 To prevent damage by lightning, keep the power cable disconnected from a wall outlet or this unit during a lightning storm.
 - 14 Do not attempt to modify or fix this unit. Contact qualified Yamaha service personnel when any service is needed. The cabinet should never be opened for any reasons.
 - 15 When not planning to use this unit for long periods of time (i.e. vacation), disconnect the AC power plug from the wall outlet.
 - 16 Be sure to read the “Troubleshooting” section on common operating errors before concluding that this unit is faulty.
 - 17 Before moving this unit, press  to set this unit to the standby mode, and disconnect the AC power plug from the wall outlet.
 - 18 Condensation will form when the surrounding temperature changes suddenly. Disconnect the power cable from the outlet, then leave this unit alone.
 - 19 When using this unit for a long time, this unit may become warm. Turn the power off, then leave this unit alone for cooling.
 - 20 Install this unit near the AC outlet and where the AC power plug can be reached easily.
 - 21 The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Do not use this unit within 22 cm (9 inches) of persons with a heart pacemaker implant or defibrillator implant.
- Radio waves may affect electro-medical devices. Do not use this unit near medical devices or inside medical facilities.
- This unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if this unit itself is turned off by . This state is called the standby mode. In this state, this unit is designed to consume a very small quantity of power.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- WARNING**
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
- LASER SAFETY**
This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.
- DANGER**
This unit emits visible laser radiation when open. Avoid direct eye exposure to beam. When this unit is plugged into the wall outlet, do not place your eyes close to the opening of the disc tray and other openings to look into inside.

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(at the end of this manual)

Information about third party software licenses...

New software that provides additional features or product improvements will be released as needed. We recommend upgrading the software of this Player to the latest version periodically. For details, refer to “Software upgrade” (p. 34).

About this manual

- This manual describes how to operate this Player using a remote control except when it is not available. Some of these operations are also available using the front panel buttons.
- Notes contain important information about safety and operating instructions. Hint(s) indicates a tip for your operation.
- This manual is printed prior to production. Design and specifications are subject to change in part as a result of improvements, etc. In case of differences between the manual and the product, the product has priority.

The icons used in this manual

Icons are used to indicate available buttons/functions for a particular format. For details on playable discs and formats, see page 3.

BD : BD-Video

DVD : DVD-Video, DVD-VR, DVD+VR

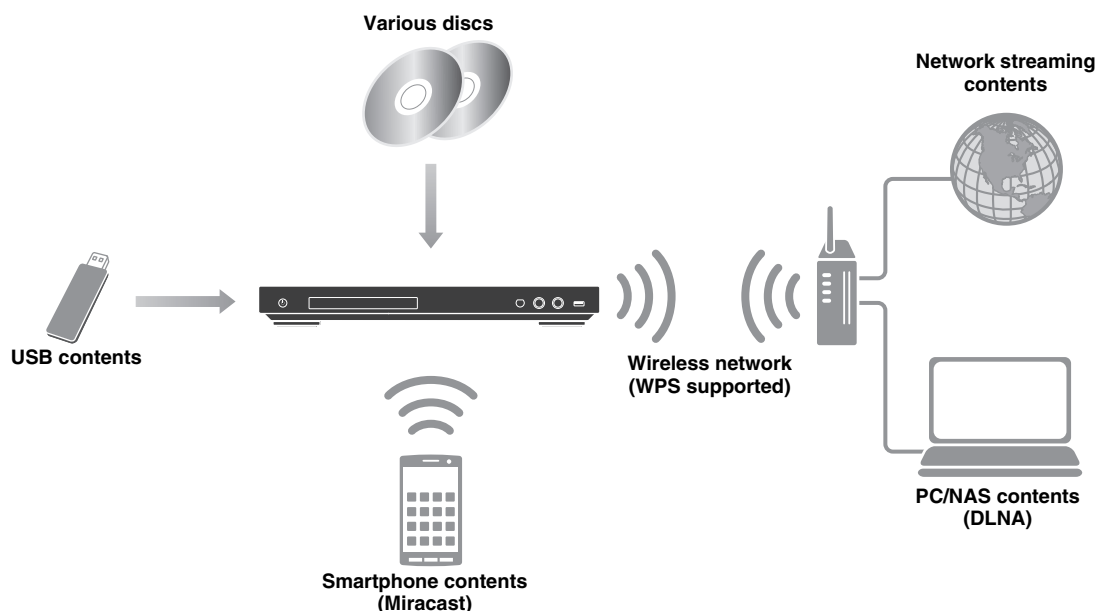
CD : Audio CD

VIDEO : Video files

MUSIC : Audio files

PHOTO : Photo files

What you can do with this Player



■ Wide variety of supported discs and file formats

- Blu-ray Disc™, DVDs and CDs (p. 20)
- BONUSVIEW™ and BD-Live™ (p. 22)
- Video, music and photo files on DVD-R/RW discs, CD-R/RW discs and USB memory devices (p. 16)

■ Enhanced network features

- Enjoying DLNA server (PC or NAS) contents (p. 16)
- Enjoying the network services (p. 18)
- Operating this player from mobile devices (AV CONTROLLER) via network (p. 19)
- Enjoying smartphone pictures and videos on the TV screen (Miracast™) (p. 19)

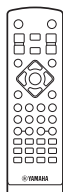
■ Easy setup and operations

- Quick and easy initial setup (p. 15)
- Automatic wireless setup with the WPS (Wi-Fi Protected Setup) (p. 15)
- Software upgrade via network or USB (p. 34)
- Sequential operations of the TV, AV receiver and this Player (HDMI Control) (p. 27)

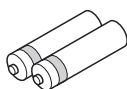
Supplied parts

Make sure the following accessories are provided with the product.

Remote control



Batteries (x2) (AAA, R03, UM-4)



Types of discs/files that can be used with this Player

- 12 cm (5") and 8 cm (3") discs can be played back in this Player. Do not use an 8 cm (3") to 12 cm (5") adapter.
- Use discs that conform to compatible standards as indicated by the presence of official logos on the disc label. Playback of discs not complying with these standards is not guaranteed. In addition, the image quality or sound quality is not guaranteed even if the discs can be played back.

Media Type	Recording Format
BD-ROM/BD-R/BD-RE	BD-Video/Data files
DVD-ROM	DVD-Video
DVD-R/DVD-R DL/DVD-RW	DVD-Video/DVD-VR/AVCHD/Data files
DVD+R/DVD+R DL/DVD+RW	DVD-Video/DVD+VR/AVCHD/Data files
CD-ROM	CDDA/HDCD
CD-R/CD-RW	CDDA/Data files
USB*	Data files
DLNA	Data files

* This Player is compatible with a USB memory device formatted with FAT 16/32 and NTFS.

Playable audio file formats MUSIC	Playable video file formats VIDEO	Playable photo file formats PHOTO
MP3 (.mp3) *1 WMA (.wma) *2 AAC (.aac/.m4a) WAV (.wav) *3 FLAC (.flac) *3 ALAC (.m4a) *3	MKV with H.264 (.mkv) MPEG PS (.mpeg/.mpg) MPEG TS (.ts) MPEG-4 (.mp4) VOB (.vob) AVI (.avi) ASF (.asf) WMV (.wmv) *4	JPEG (.jpeg/.jpg) GIF (.gif) PNG (.png)

*1 Sampling frequency within 32-48 kHz (Stereo) and bitrate within 8-320 kbps

*2 Sampling frequency within 32-48 kHz (Stereo) and bitrate within 32-192 kbps

*3 Sampling frequency of up to 192 kHz/24 bit (LPCM/ Stereo)

*4 WMV9 (maximum resolution: 1,920 x 1,080)

Notes

- Playback of a file listed in the chart above is not guaranteed depending on methods of file creation or codecs used.
- Playback of all files on the disc, USB memory device and network is not guaranteed.
- A copyright protected file cannot be played back.
- When using DLNA, a file needs to meet the DLNA sever requirement.

Region management information for Blu-ray Disc/DVD videos

- Blu-ray Disc/DVD video players and discs have region codes, which dictate the regions in which a disc can be played. Verify the region code mark on the rear panel of this Player.
- For a Blu-ray Disc, the disc can be played back on this Player with the same region code mark, or the region code "ABC" mark.
- For a DVD disc, the disc can be played back on this Player with the same region code mark, or the region code "ALL" mark.

Region management information		
Destination	BD-Video	DVD-Video
U.S.A. and Canada	Region code "A" or "ABC"   	Region number "1" or "ALL"  
Europe	Region code "B" or "ABC"   	Region number "2" or "ALL"  
Asia and Korea	Region code "A" or "ABC"   	Region number "3" or "ALL"  
Central and South America	Region code "A" or "ABC"   	Region number "4" or "ALL"  
Australia	Region code "B" or "ABC"   	Region number "4" or "ALL"  
Russia	Region code "C" or "ABC"   	Region number "5" or "ALL"  

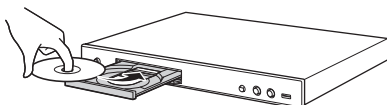
Region management information		
Destination	BD-Video	DVD-Video
China	Region code "C" or "ABC"   	Region number "6" or "ALL"  

Notes

- Blu-ray Disc/DVD video operations and functions may be different from the explanations in this manual and some operations may be prohibited due to disc manufacturer's settings.
- If a menu screen or operating instructions are displayed during playback of a disc, follow the operating procedure displayed.
- Playback for some of the discs may not be possible depending on the disc.
- Finalize all recording media that is played back in this Player.
- "Finalize" refers to a recorder processing a recorded disc so that it will play in other players/recorders as well as this Player. Only finalized discs can be played back in this Player. (This Player does not have a function to finalize discs.)

■ Loading a disc

- Insert the disc with the label facing up.
- In case of the disc recorded on both sides, face down the side to play back.

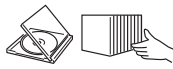
**Notes**

- Playback may begin automatically, depending on the disc and setting of this Player.
- The menu may be displayed first, depending on the disc.
- The disc load time may vary depending on the disc.

■ Disc precautions**Be careful of scratches and dust**

- Blu-ray Disc, DVD and CD discs are sensitive to dust, fingerprints and especially scratches. A scratched disc may not be able to be played back. Handle discs with care and store them in a safe place.

Proper disc storage

Place the disc in the center of the disc case and store the case and disc upright. 	
Avoid storing discs in locations subject to direct sunlight, close to heating appliances or in locations of high humidity. 	
Do not drop discs or subject them to strong vibrations or impacts. 	
Avoid storing discs in locations where there are large amounts of dust or moisture. 	

Handling precautions

- If the surface is soiled, wipe gently with a soft, damp (water only) cloth. When wiping discs, always move the cloth from the center hole toward the outer edge.
- Do not use record cleaning sprays, benzene, thinner, static electricity prevention liquids or any other solvent.
- Do not touch the surface.
- Do not stick paper or adhesive labels to the disc.
- If the playing surface of a disc is soiled or scratched, the Player may decide that the disc is incompatible and eject the disc tray, or it may fail to play the disc correctly. Wipe any dirt off the playing surface with a soft cloth.

Cleaning the pick up lens

- Never use commercially available cleaning discs. The use of these discs can damage the lens.
- Request the nearest service center approved by Yamaha to clean the lens.

■ Cinavia technology

- Cinavia technology is a part of the content protection system included in your Blu-ray Disc Player.

Note

- The following messages may be displayed and playback stopped or audio outputs temporarily muted by your Blu-ray Disc player if you are playing an unauthorized copy of content that is protected by Cinavia technology.

These messages are displayed in English only.

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.

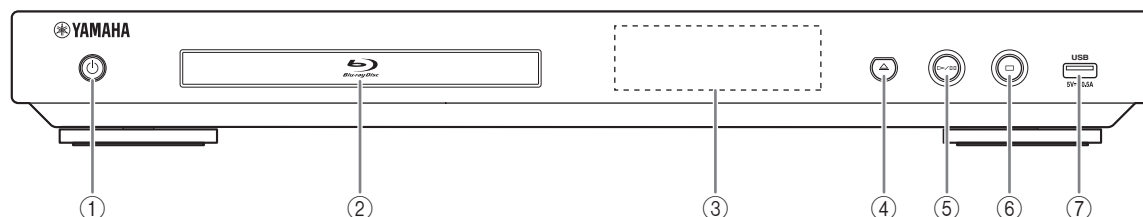
Audio outputs temporarily muted. Do not adjust the playback volume. The content being played is protected by Cinavia® and is not authorized for playback on this device.
For more information, see <http://www.cinavia.com>.
Message Code 3.

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.

Controls and functions

■ Front panel



① **⏻ (On/Standby)**

Turns this Player on/Sets to standby mode.

Press and hold ⏻ on the front panel for more than 5 seconds to reset this Player (system reset).

② **Disc tray door**

③ **Front panel display**

Displays various information for operational status.

④ **⏏ (Eject)**

Opens/Closes the disc tray.

⑤ **▶/⏸ (Play/Pause)**

Starts or pauses a playback.

⑥ **■ (Stop)**

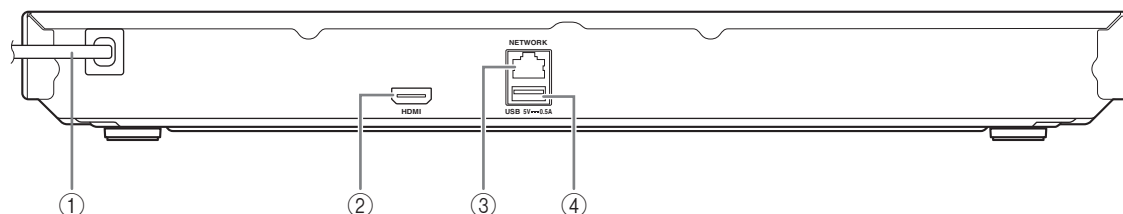
Stops a playback.

⑦ **USB connector (p. 14)**

Note

- Remove the protective film from the front panel before operating the Player.
- When cleaning the front panel, use a soft dry cloth to avoid scratches.

■ Rear panel



① **Power cable**

Plug the power cable into AC outlet after all connections are completed.

② **HDMI (p. 10)**

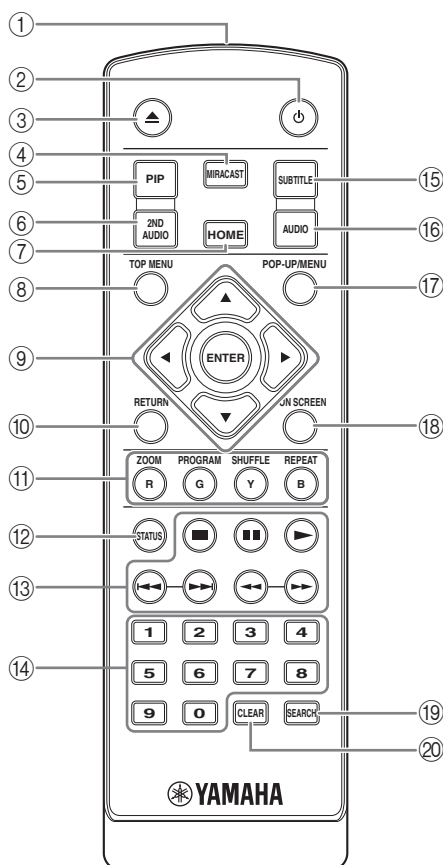
③ **NETWORK (p. 12)**

④ **USB connector (p. 14)**

Remote control

Note

-  will appear on the top left corner of the screen when the pressed button is not available.



- ① **Infrared signal transmitter:** Outputs infrared signal. Aim this window to the remote control sensor (p. 9).
- ② : Turns this Player on or sets it to standby mode.
- ③ : Opens/closes the disc tray.
- ④ **MIRACAST:** Starts Miracast (p. 19).
- ⑤ **PIP** : Turns on/off the Picture in Picture (p. 23).
PIP Mark () is displayed on the screen when this function is available. You can also select this item from On Screen menu (p. 20).

Note

- PIP Mark is displayed only when the PIP Mark is set to on (p. 28).

- ⑥ **2ND AUDIO** : Selects the secondary audio of the Picture in Picture (p. 23) or audio commentaries. The Secondary Audio Mark () is displayed on the screen when this function is available (p. 31). You can also select this item from On Screen menu (p. 20).

Note

- Secondary Audio Mark is displayed only when Secondary Audio Mark is set to on (p. 28).
- ⑦ **HOME:** Displays the HOME menu screen (p. 16).
 - ⑧ **TOP MENU**  : Displays the top menu screen if the disc contains a menu. Select the desired item using /// and **ENTER**.

Note

- Specific operations may be different depending on the disc. Follow the instructions of each menu screen.
- ⑨ **Cursor buttons** (///): Moves the focus in the menu screen.
ENTER: Selects the focused menu/item.
 - ⑩ **RETURN:** Returns to the previous menu or screen, etc.
 - ⑪ **Color buttons** : Use these buttons according to on-screen instructions.
ZOOM   : Zooms in/out. The size of the screen will change each time you press the button (zoom in/out: 3 steps each).
PROGRAM  : Sets the order of playback (p. 22). You can set up to 15 tracks (for an audio disc) or titles/chapters (DVD-Video).
SHUFFLE     : Selects shuffle play mode (p. 20).

REPEAT

PHOTO : Changes repeat mode. Repeat mode shown below will change each time you press the button.

: Repeats the title being played back.

: Repeats the chapter being played back.

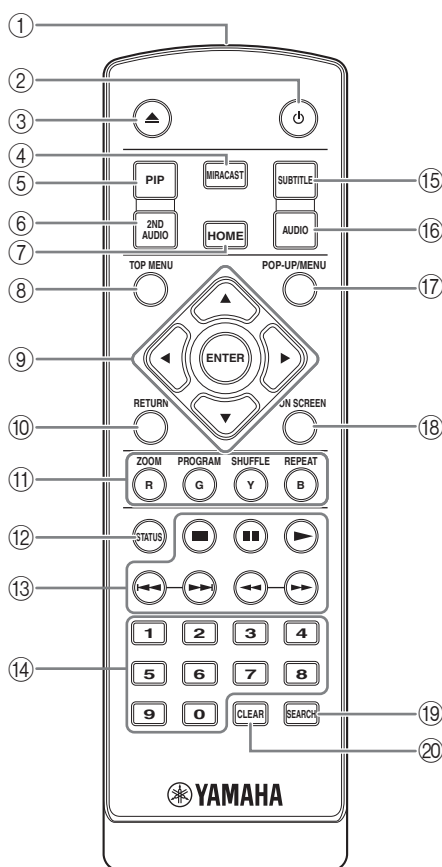
: Repeats the folder being played back.

: Repeats all tracks/files on the disc.

: Repeats the track/file being played back.

- ⑫ **STATUS:** Displays the playback information (p. 21).

Continued to the next page. ➔



⑬ Control buttons

BD DVD CD VIDEO MUSIC PHOTO

■: Stops playback.

■ ■: Pauses playback.

▶: Plays back contents.

◀/▶: Skips backward/forward.

◀/▶

BD DVD CD VIDEO MUSIC:

Searches backward/forward. The search speed will change each time you press the button (search backward/forward: 5 steps each). Press ▶ to resume normal playback.

PHOTO: Changes the speed of a slide show (slower/faster: 3 steps).

⑭ **Number buttons:** Enters numbers, or during playback, jumps to the track/chapter corresponding to the number you input. These buttons may not be available depending on the disc type and playback condition.

⑮ **SUBTITLE BD DVD VIDEO:** Changes subtitle languages (p. 39) if available. You can also select this item from On Screen menu (p. 20).

⑯ **AUDIO BD DVD:** Changes the audio language or format. You can also select this item from On Screen menu (p. 20).

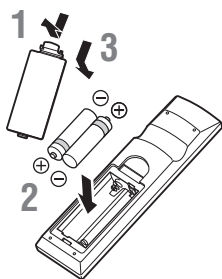
⑰ **POP-UP/MENU BD DVD:** Displays pop-up menu. The menu contents displayed vary depending on the disc. For details on how to see and operate the pop-up menu, refer to the manual for the disc. The top menu screen may be displayed by pressing **POP-UP/MENU** depending on the DVD.

⑱ **ON SCREEN:** Displays On Screen menu (p. 20).

⑲ **SEARCH BD DVD CD VIDEO MUSIC:** Jumps to a specified point during playback. For details on this function, refer to "Using Search" (p. 22). You can also select this item from status menu (p. 21).

⑳ **CLEAR:** Clears entered number/set item.

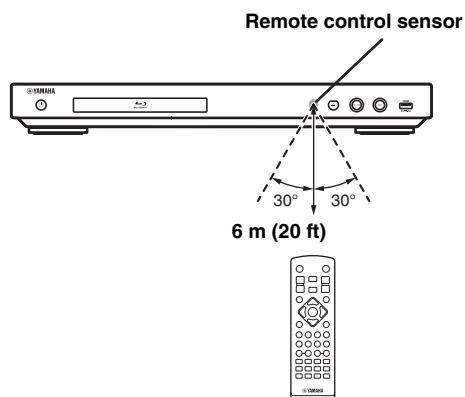
Loading the batteries in the remote control



Notes

- Change both batteries when the operation range of the remote control decreases.
- Use AAA, R03, UM-4 batteries.
- Make sure that the polarities are correct. Refer to the illustration inside the battery compartment.
- Remove the batteries if the remote control is not to be used for an extended period of time.
- Do not use old batteries together with new ones.
- Do not use different types of batteries (such as alkaline and manganese batteries) together. Read the packaging carefully as these different types of batteries may have the same shape and color.
- If the batteries have leaked, dispose of them immediately. Avoid touching the leaked material or letting it come into contact with clothing, etc. Clean the battery compartment thoroughly before installing new batteries.
- Do not throw away batteries with general house waste; dispose of them correctly in accordance with your local regulations.
- Keep batteries away from children. If a battery is accidentally swallowed, contact your doctor immediately.
- When not planning to use the remote control for long periods of time, remove the batteries from the remote control.
- Do not charge or disassemble the supplied batteries.

Approximate operating range of remote control



Video/audio connections

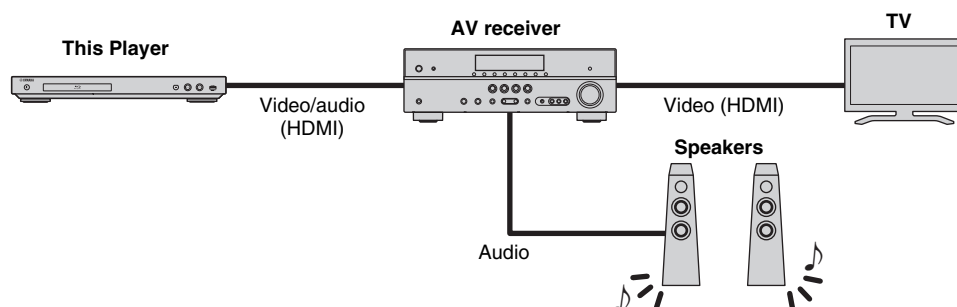
Make the corresponding video/audio cable connections depending on the equipment you want to use.

Hints

- See page 32 for information on the audio/video output formats.
- Prepare commercially available cables required for connections. The type and number of cables you need vary depending on the equipment to be connected.

Enjoying video/audio using a TV and an AV receiver

Refer to “Connecting to a TV via an AV receiver” (p. 11).



Enjoying video/audio using only a TV

Refer to “Connecting to a TV directly” (p. 11).



About HDMI

To enjoy high quality video and digital sound through the HDMI terminal, use commercially available HIGH SPEED HDMI cables that have the HDMI logo (as shown on the back cover).

Hints

- For information on the HDMI Control function, refer to “HDMI Control” (p. 27).
- To change the audio output mode of HDMI terminal, configure “HDMI” (p. 31) in Audio Setting.

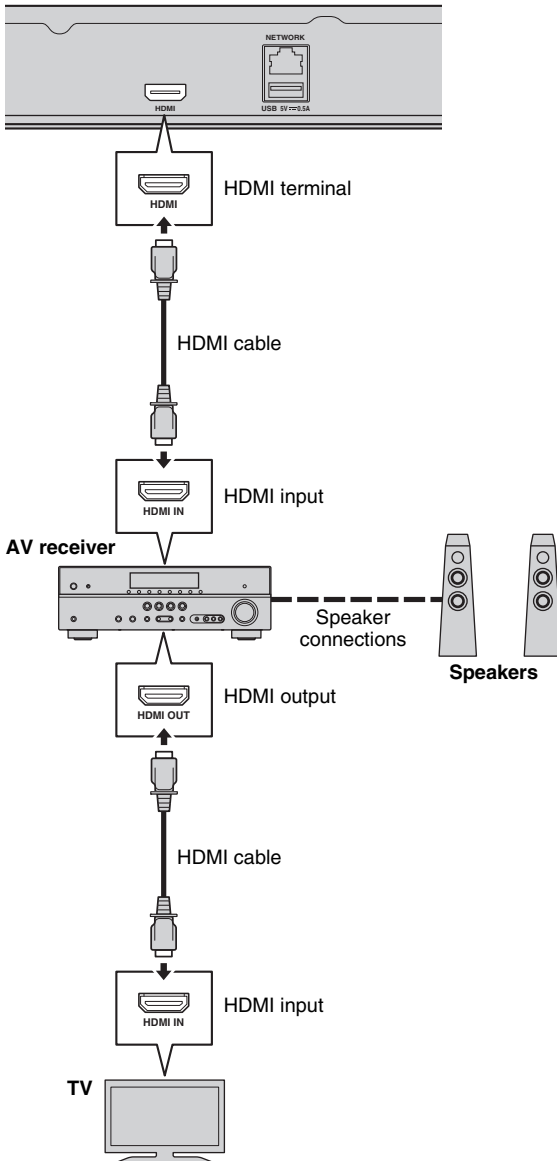
■ Connecting to a TV via an AV receiver

Connect this Player to the AV receiver and the AV receiver to the TV with HDMI cables. For details on speaker connections, refer to the owner's manuals of the AV receiver and speakers.

Caution!

Do not connect the power cable of this Player until all connections are completed.

This Player



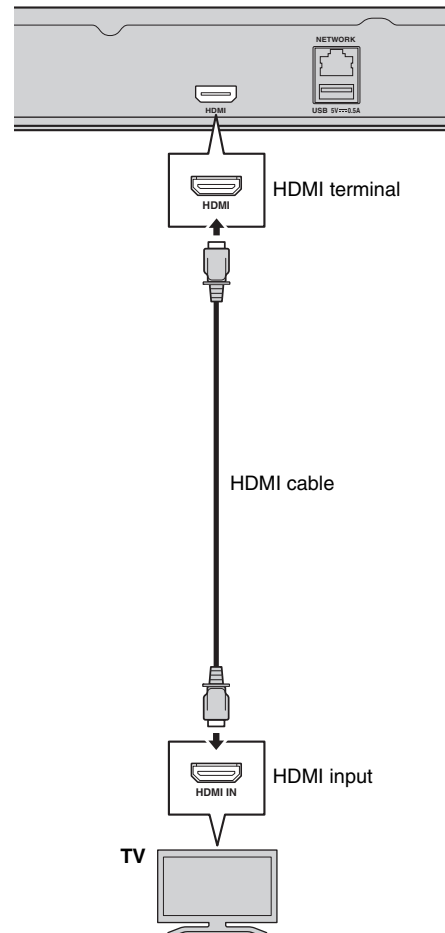
■ Connecting to a TV directly

Connect this Player to the TV with an HDMI cable.

Caution!

Do not connect the power cable of this Player until all connections are completed.

This Player



Network connection

By connecting this Player to the network (wireless or wired), you can use the following features.

- Playing back DLNA server (PC or NAS) contents (p. 16)
- Playing back various network service contents (p. 18)
- Playing BD-Live compatible discs (p. 22)
- Operating this Player from mobile devices (AV CONTROLLER) (p. 19)

Notes

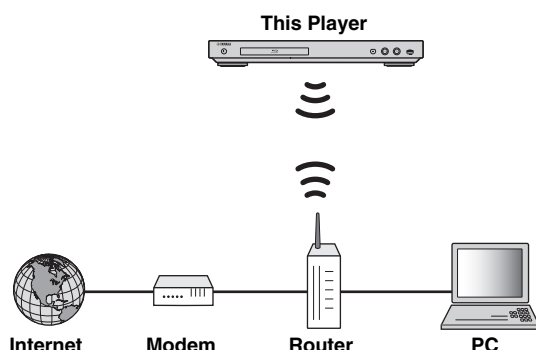
- To use the network services or BD-Live feature, a broadband internet connection is required.
- Refer to the operation manual of the equipment you have as the connected equipment and connection method may differ depending on your network environment.
- Use a network cable/router supporting 10BASE-T/100BASE-TX.

Hint

- If you are using a router that supports DHCP, you do not need to configure any network settings for this Player, as the network parameters (such as the IP address) will be assigned automatically to it. You only need to configure the network settings if your router does not support DHCP or if you want to configure the network parameters manually (p. 28).

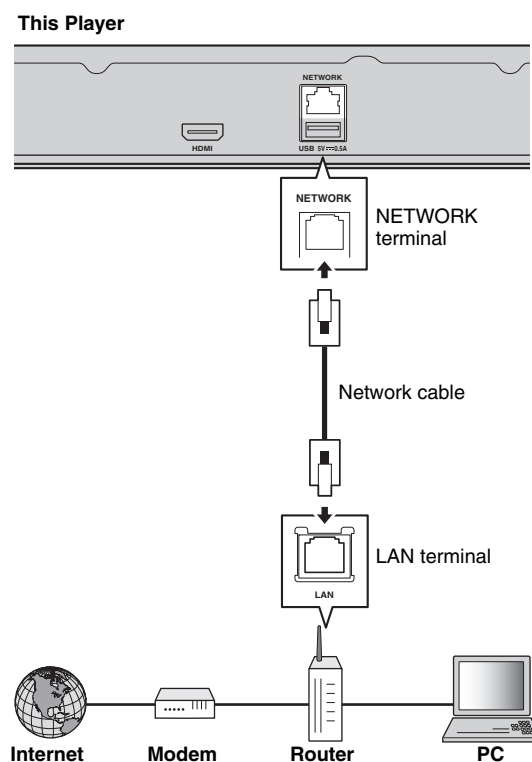
■ Wireless connection

By using the Wi-Fi feature of this Player, you can connect this Player to your network (router) wirelessly. To use the Wi-Fi feature, refer to “Wireless connection setting” (p. 15) and configure the wireless connection setting.



■ Wired connection

Connect this Player to your network (router) with a commercially available Shielded Twisted Pair (STP) network cable.



■ DLNA server setup

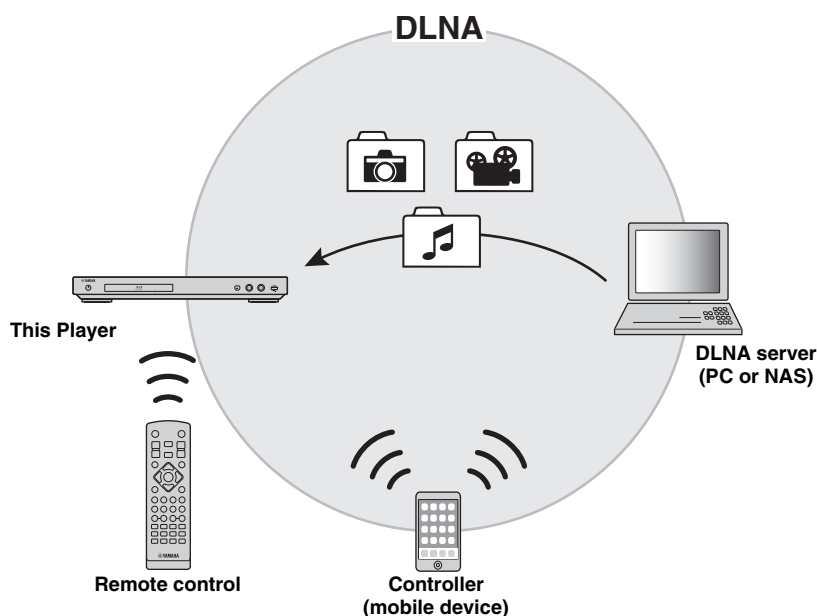
By using DLNA, you can share multimedia contents (such as videos, music and photos) stored on your DLNA server (PC or NAS) connected to your network, and enjoy those contents with this Player.

In addition, you can use your mobile device (such as a smartphone and a tablet) as a wireless controller to operate this Player through the network.

To use the DLNA features, perform the following DLNA server setup after making the network connection (p. 12).

Notes

- To use DLNA features, all the devices must be connected to the same network.
- To use a NAS as a DLNA server, the NAS must be compatible with DLNA.



Media sharing setting on DLNA server

To play back multimedia contents stored on your DLNA server (PC or NAS), first you need to configure the media sharing setting on the DLNA server software installed on the DLNA server.

Hint

- For information about DLNA server setting or file formats supported by DLNA server, refer to the owner's manuals of your DLNA server and its software.

- 1 Turn on your DLNA server (PC or NAS) and this Player.
- 2 If you are using a PC as a DLNA server, check that DLNA server software (such as Windows Media Player 12) is installed on your PC.
- 3 On your DLNA server, enable media sharing and allow media to be shared with this Player.
Now the DLNA server setting is complete. To enjoy the DLNA server contents on this Player, select a DLNA server and multimedia file from the HOME menu (p. 16).

Using a mobile device as a media controller

If you have a mobile device (such as smartphone and tablet) that supports the Digital Media Controller (DMC) feature, you can operate this Player from your smart phone or tablet through the network.

Hints

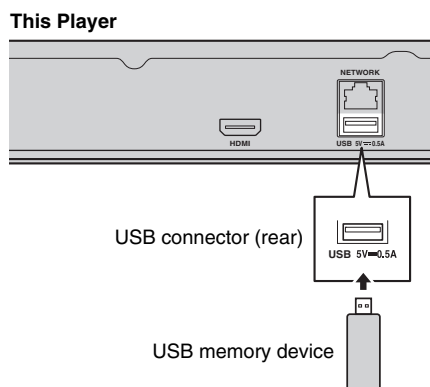
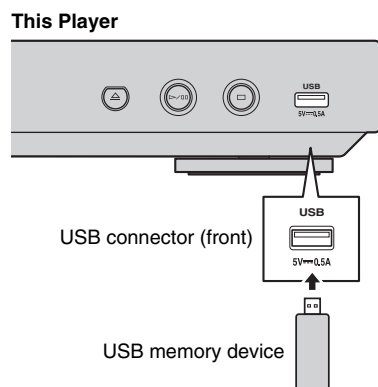
- To allow the mobile device to control this Player, set DMC Control (p. 29) in the SETUP menu to Enable (default).
- To check that your mobile device supports the DMC feature, refer to the owner's manuals of your mobile device and its software.

USB connection

By connecting a USB memory device to the USB connector on the front or the rear panel of this Player, you can play multi-media files stored on the USB memory device (p. 16).

Notes

- Yamaha cannot guarantee that all brands' USB memory devices will operate with this Player.
- Connect a USB memory device to one of the USB connectors (front/rear) of this Player when using BD-Live feature (p. 23).

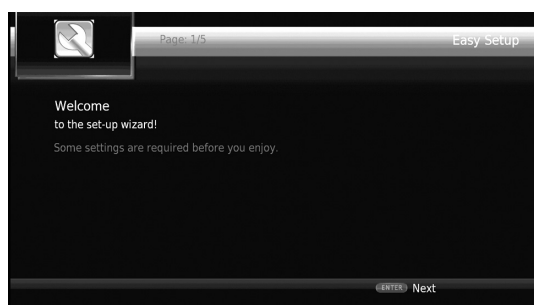


Initial settings

■ Setting with the Easy Setup

Easy Setup allows you to set language, resolution, and screen aspect ratio easily. Easy Setup screen is displayed when you turn this Player on for the first time after purchase. Same setting can be performed from SETUP menu → System → Easy Setup.

- 1 When Easy Setup screen is displayed, press **ENTER** to start Easy Setup.



- 2 Set the language, resolution, and screen aspect ratio by following the on-screen messages.

Note

- When no picture is displayed after Easy Setup is completed, refer to “Troubleshooting” (p. 36).

■ Wireless connection setting

To connect this Player to your network (router) wirelessly, follow the procedure below to configure the wireless connection setting.

If your router (access point) supports the WPS (Wi-Fi Protected Setup) function, you can use the auto setup method to connect this Player to the router without entering network information (such as SSID) manually.

- 1 Press **HOME** to display the HOME menu screen.
- 2 Select **SETUP** → **General Setting** → **Network** → **Connection setting** → **Wireless**.



- 3 Press **◀▶** to select Yes, then press **ENTER**.



- 4 Press **◀▶** to select one of the following setup methods, then press **ENTER**.



Scan: Select this option to search for available wireless networks. When the network list is displayed, select the SSID to be connected and enter the password.

Manual: Select this option to enter the network information (such as SSID) manually.

Auto: Select this option to use the WPS function. Select PBC (Push Button Configuration) or PIN code method, then follow the on-screen messages.

Notes

- For details on operations of your router (access point), refer to the owner's manual of it.
- When the WPS function does not work, select “Scan” or “Manual” to configure the wireless connection settings.
- Devices that use a 2.4 GHz frequency band, such as a microwave, Bluetooth, or digital cordless device, may interrupt the wireless communication. Move this Player away from such devices, or turn off such devices.
- The speed of a wireless network connection depends on your network environment (router type, distance between the router and this Player, installation places, etc.). In case the sound or video is interrupted during playback, move this Player closer to the router or change the orientation of this Player or the antenna of the router.

3

Playback

English

HOME menu

The HOME menu allows you to perform the following basic operations of this Player.

- Browsing and playing multi-media files on various discs, USB memory devices and your DLNA servers (PC or NAS)
- Accessing to various network services (p. 18)
- Displaying the SETUP menu (p. 24)

Hints

- For details on playable discs and formats, see page 3.
- To play DLNA server contents on this Player, the media sharing setting (p. 13) on the DLNA server should be configured.

■ Playing back photo/music/video

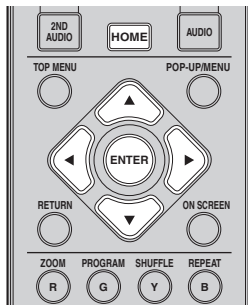
Basic operation

◀/▶/▲/▼: Moves the focus.

◀: Returns to the parent folder.

HOME: Moves to/exits HOME menu screen.

ENTER: Confirms the folder/file.



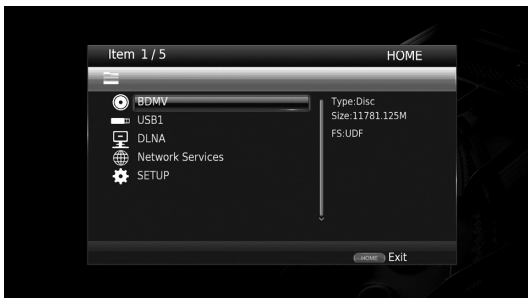
Common operations for playing back files in a selected folder

Example: Selecting a movie file on a USB memory device

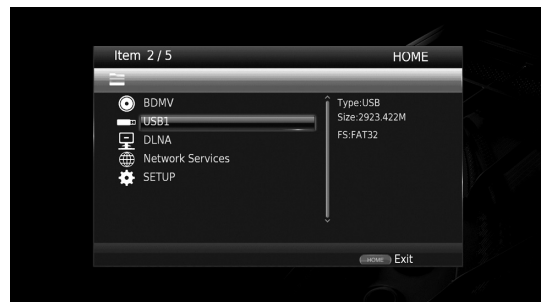
Note

- Stop the playback of the video before you move to HOME menu screen.

1 Press **HOME** to move to HOME menu screen.



2 Press ▲/▼ to select the item which contains the file you want to play back, then press **ENTER**.

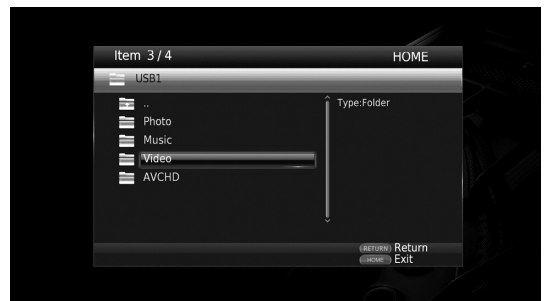


Note

- If your DLNA server is not listed, check that the DLNA server is turned on and select DLNA Search to update the list.

3 Select the Photo, Music, Video or AVCHD folder you want to play back, then press **ENTER**.

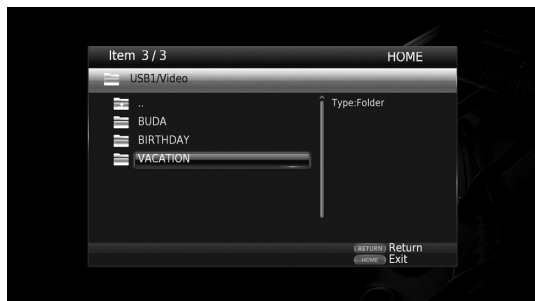
To return to the parent folder, press **RETURN** or select **▲**.



Note

- Note that the only the file type selected on this step will be displayed in the following step. For example, if you selected Photo folder in this step, only photo files are displayed after this step.

- 4 Select the folder containing the file you want to play back.

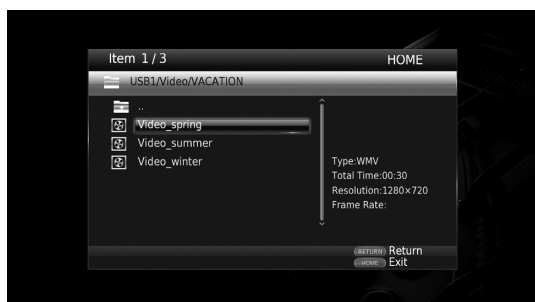


- 5 Select the file you want to play back, then press **ENTER**.

When a video file is selected, playback starts.

When a music file is selected, status screen is displayed and playback starts.

When a photo file is selected, slide show starts.

**Hint**

- To enjoy slide show with music, press **HOME** to return to the HOME menu screen while music is played back, and select photo file.

Note

- The displayed file may not be played back depending on the content.

Operations for viewing photos

While viewing photos, the buttons on the remote control work as shown below.

■: Stops slide show and returns to the file browser.

■: Pauses a slide show.

▶: Plays a slide show.

▶▶: Moves to a next photo.

◀◀: Moves to a previous photo.

▶▶▶: Makes a slide show faster in 3 steps.

◀◀◀: Makes a slide show slower in 3 steps.

▲: Inverts a photo.

▼: Reflects a photo.

◀: Rotates a photo counterclockwise.

▶: Rotates a photo clockwise.

ZOOM: Zooms in/out a photo (zoom in/out: 3 steps each).

▲/▼/◀/▶: Pans in zoom mode when a photo is larger than the screen.

3**Playback****English**

Using network services

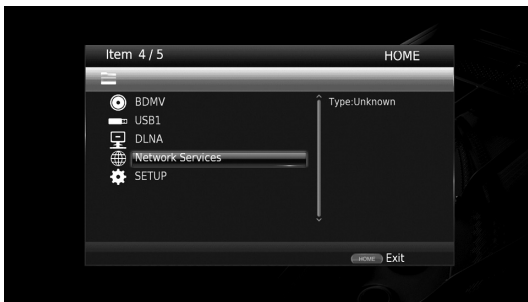
You can enjoy photos using the following network services.

- Picasa Web Albums

Notes

- 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 Yamaha disclaims any liability in connection with such occurrences.
- Some content may only be available for specific countries and may be presented in specific languages.
- Yamaha 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.

- 1 Press **HOME** to move to HOME menu screen.
- 2 Press **▲/▼** to select Network Services, then press **ENTER**.



- 3 Press **◀/▶/▲/▼** to select the desired network service, then press **ENTER**.
- 4 Press **◀/▶/▲/▼** to select an item, then press **ENTER** to confirm the selection (or start playback).

Hint

- To exit from each network service, press **HOME**.

Note

- Operation procedures after step 4 vary depending on the menu items provided by each service.

About Picasa™ Web Albums

Picasa Web Albums is a network service that allows users to share photos with friends and family, or explorer public photos.

More information at picasaweb.google.com



Picasa. Web Albums

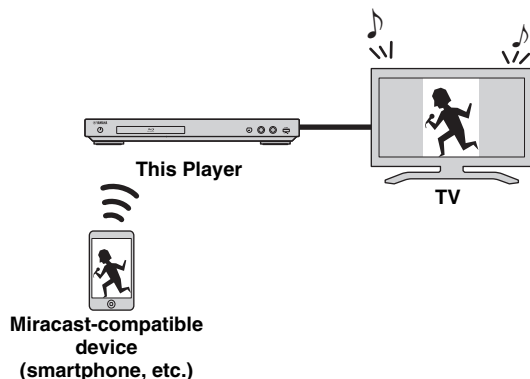
Picasa and the Picasa logo are trademarks of Google. Inc.

Enjoying smartphone pictures and videos on the TV screen (Miracast™)

Miracast is a solution for seamlessly displaying video between devices, without cables or a network connection via an access point (Wi-Fi Direct). You can do things like view pictures from a Miracast-compatible device (smartphone, etc.) on the screen of the TV connected to this Player.

Notes

- To check if your device is Miracast compliant, refer to the owner's manual of the device.
- When Miracast is enabled on this Player, other network functions (such as DLNA) are not available.



- 1 Press **MIRACAST**.
- 2 Within 60 seconds, operate your smartphone to enable Miracast and select this Player as the device to be connected.
For details on operations of your smartphone, refer to the owner's manual of it.
- 3 To exit from Miracast, press **MIRACAST**.

Hint

- You can also exit from Miracast by pressing **HOME** or **RETURN**.

Depending on the environment, audio/video may be interrupted or noise may appear on the TV screen. In this case, try the following solutions.

- Move the Miracast device closer to this Player.
- Turn off other wireless devices not in use.
- Move the Miracast device and this Player away from microwave ovens, Bluetooth devices or other wireless devices.

Operating this Player from mobile devices (AV CONTROLLER)

By using the application “AV CONTROLLER” on your mobile device, you can use the mobile device as a remote control and operate this Player from it.



AV CONTROLLER

- You can control the basic functions of Yamaha Blu-ray Disc™ players such as Play, Pause, Skip, Power and cursor navigations.
- The application “AV CONTROLLER” is available in many languages.
- For more information about “AV CONTROLLER”, visit the Yamaha website.

Advanced playback operation

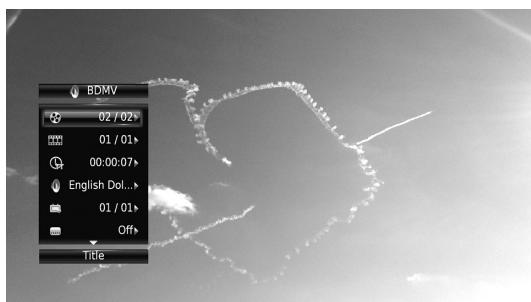
This chapter explains playback of commercially available Blu-ray Discs, DVDs, CDs, and recorded DVD-RW/R discs.

Note

- For the basic playback operation, see page 7.

■ On Screen menu

To display On Screen menu, press **ON SCREEN**. After that, press **▲/▼/◀/▶** to select an item, then press **ENTER** to operate the desired function.



On Screen menu contains following items.

Title **BD** **DVD** **VIDEO** : Shows the title number being played back. You can skip to the desired title by selecting it from this item.

Chapter **BD** **DVD** **VIDEO** : Shows the chapter number being played back. You can skip to the desired chapter by selecting it from this item.

Track/File **CD** **VIDEO** **MUSIC** **PHOTO** : Shows track/file number being played back. You can skip to the desired track/file by selecting it from this item.

Time **BD** **DVD** **CD** **VIDEO** **MUSIC** : Shows the playback time. Select display type from the following:

- Elapsed playback time of the title, chapter, disc, track or file
- Remaining playback time of the title, chapter, disc, track or file

Mode/Play Mode

DVD **CD** **VIDEO** **MUSIC** **PHOTO** : Shows current playback mode. You can select playback mode from the following:

CD

- Normal: Normal playback.
- Shuffle: Random playback without repetition.
- Random: Random playback with repetition.

DVD

- Normal
- Shuffle CH (chapter)
- Shuffle TT (title)
- Shuffle All
- Random CH (chapter)
- Random TT (title)
- Random All

VIDEO MUSIC PHOTO

- Normal
- Shuffle F (folder)
- Random F (folder)

Audio **BD** **DVD** **VIDEO** : Shows audio language/signal of a Blu-ray Disc/DVD currently selected. You can select the desired type of audio.

Angle **BD** **DVD** : Shows the currently-selected angle number. If the video is recorded with multiple angles, you can change the angle.

Subtitle **BD** **DVD** **VIDEO** : Shows the currently-selected subtitle language when the subtitle is provided.

Subtitle Style **BD** : Shows the currently-selected subtitle style. This function is available only for Video-file external subtitle. You can select the desired text style of subtitle.

Bitrate **BD** **DVD** **CD** **VIDEO** **MUSIC** : Shows bitrate of the audio/video signal.

Second Video **BD** : Turns the PIP on/off (p. 7).

Second Audio **BD** : Turns the secondary audio on/off (p. 7).

Ins Search

BD **DVD** **CD** **VIDEO** **MUSIC** : Skips 30 seconds.

Ins Replay

BD **DVD** **CD** **VIDEO** **MUSIC** : Replays the content from 10 seconds before.

CC Select

BD **DVD** **VIDEO** : Sets the displayed closed caption.

Slide Show PHOTO:

Shows slide show speed. You can select the slide show speed from Slow/Medium/Fast.

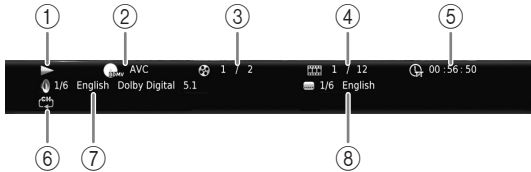
Transition **PHOTO** : Shows how photo appears on the screen. You can select the transition type.

Status menu

This shows various settings, such as subtitles, angle settings and the title/chapter/track number currently played back. To display status menu, press **STATUS**. Status menu contains following menus.

BD DVD VIDEO

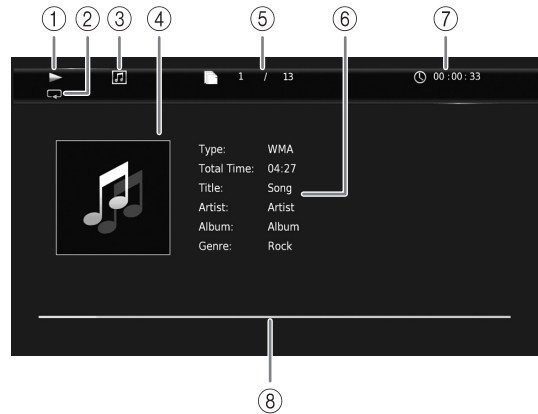
Example: Icons when playing a Blu-ray Disc



- ① **(Playback status)**
- ② **(Disc type/video file icon)**
- ③ **(Title number being played):** You can jump to specified title with **SEARCH** button (p. 8).
- ④ **(Chapter number being played):** You can jump to specified chapter with **SEARCH** button (p. 8).
- ⑤ **(Elapsed playback time):** You can jump to specified point with **SEARCH** button (p. 8).
- ⑥ **(Repeat mode):** Shows current repeat mode (p. 7).
- ⑦ **(Audio currently selected):** You can change the audio language or format with **AUDIO** button.
- ⑧ **(Subtitle currently selected):** You can change the subtitle language with **SUBTITLE** button.

DVD CD MUSIC

Example: Icons when playing a music file



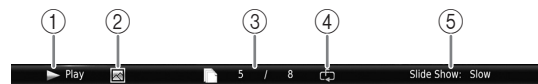
- ① **(Playback status)**
- ② **(Repeat mode):** Shows current repeat mode (p. 7).
- ③ **(Disc type/music file icon)**
- ④ **(Artwork) MUSIC:** Displays artwork if the file contains it.
- ⑤ **(Track/file number being played):** You can jump to specified track with **SEARCH** button (p. 8).
- ⑥ **(Information) MUSIC:** Displays music information if the file contains them.
- ⑦ **(Elapsed playback time):** You can jump to specified point with **SEARCH** button (p. 8).
- ⑧ **(Progress bar) MUSIC:** Shows progress status of current song.

3

Playback

English

PHOTO



- ① **(Playback status)**
- ② **(Photo file icon)**
- ③ **(File number being displayed)**
- ④ **(Repeat mode):** Shows current repeat mode (p. 7).
- ⑤ **(Slide show speed)**

■ Program play **DVD** **CD**

This allows you to program playback order of audio disc tracks or DVD chapters.

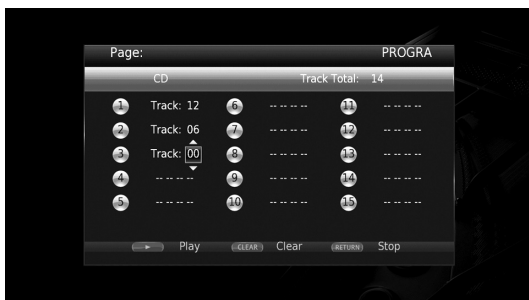
Press **PROGRAM** during playback to display the PROGRAM window to program playback order. You can program up to 15 tracks/chapters.

Example: Programming the playback order of CD tracks

- 1 Press **PROGRAM** during playback.



- 2 Press **ENTER** to program playback order.
For audio disc, press **▲/▼** to select a desired track then press **ENTER**.
For DVD-Video disc, select a desired title (shown as TT) and chapter (shown as CH) instead of a track.
To clear a set track, select the track you want to clear, then press **CLEAR**.
Press **RETURN** to cancel the Program play.



- 3 After programming is finished, press **▶** to set and start program playback.
- 4 To cancel program play, stop playback completely by pressing **■**.

■ Using Search

BD **DVD** **CD** **VIDEO** **MUSIC** **PHOTO**

This allows you to jump to the specified point during playback.

- 1 Press **SEARCH** during playback. Status bar appears.
- 2 Press **▲/▼/◀/▶** to select one of the item below, then press **ENTER**.

BD **DVD** :

- Title number (shown as )
- Chapter number (shown as )
- Elapsed title time (shown as )
- Elapsed chapter time (shown as )

CD :

- Track number (shown as )
- Elapsed track time (shown as )
- Elapsed disc time (shown as )

VIDEO **MUSIC** :

- File number (shown as )
- Elapsed file time (shown as )

PHOTO :

- File number (shown as )

- 3 Press **▲/▼** or number buttons to set/adjust the value of the focused item, and press **ENTER** to jump to the specified point.
- 4 To close the status bar, press **STATUS**.

■ Enjoying BONUSVIEW™ and BD-Live™

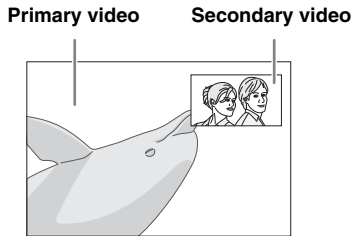
This Player supports BONUSVIEW (p. 38) (BD-ROM Profile 1 Version 1.1) and BD-Live (p. 38) (BD-ROM Profile 2) playback functions.

Note

- Functions and playback method vary depending on the disc. See the guidance on the disc or the supplied user's manual.

■ Using Picture in Picture function (secondary audio/video playback)

BD-Video that includes secondary audio and video compatible with Picture in Picture can be played back with secondary audio and video simultaneously as a small video in the corner.



While PIP Mark () or Secondary Audio Mark () is displayed, press PIP to turn the Picture in Picture function on/off.

Notes

- To listen to secondary audio, make sure that the Audio Output setting (HDMI) is set to PCM or Reencode (p. 31).
- Depending on the disc, to listen to secondary audio, you may need to set secondary audio to on from the top menu of the disc (p. 7).
- The secondary audio and video for Picture in Picture may automatically play back and be removed depending on the content. Also, playable areas may be restricted.

■ Using the feature of BD-Live™

1. Set the Network setting (p. 28).

2. Connect the USB memory device to this Player (p. 14).

BD-Live data is saved in a USB memory device connected to this Player. To enjoy these functions, connect a USB memory device supporting USB 2.0 High Speed (480 Mbit/s) to one of the USB connectors (front/rear) of this Player to use the USB memory device as Local Storage.

- Local Storage is used as an auxiliary memory when Blu-ray Disc is played back.
- Use a USB memory device with at least 2GB of free space.
- BUDA folder is created automatically in the USB memory device when necessary.
- If there is insufficient storage space, the data will not be copied/downloaded. Delete unneeded data or use a new USB memory device.
- Some time may be required for the data to load (read/write).

Notes

- Yamaha cannot guarantee that all brands' USB memory devices will operate with this Player.
- Do not use a USB extension cable when connecting a USB memory device to the USB connector of the Player. Using a USB extension cable may prevent the Player from performing correctly.

3. Play back the disc.

4. Run BD-Live according to the instructions on the disc.

Notes

- Do not remove the USB memory device or disconnect unplug the power cable during BD-Live operations.
- Regarding playback method of BD-Live contents, etc., perform the operations in accordance with the instructions in the Blu-ray Disc manual.
- To enjoy BD-Live functions, perform the network connection (p. 12) and Network settings (p. 28).
- Refer to "BD-Live Connection" (p. 29) regarding the setup to restrict access to BD-Live contents.
- The time required to download the provided programs into the USB memory device connected to this Player varies depending on the internet connection speeds and the data volume of the programs.
- BD-Live programs provided through the internet may not be able to display the connection depending on the status (upgrading) of the provider. In such cases, take out the disc and try again.
- If the BD-Live screen does not appear for a while after you select the BD-Live function in the Blu-ray Disc menu, the USB memory device may not have enough free space. In such cases, eject the disc from the Player, and then erase the data in the USB memory device using the "Format" menu in the "Local Storage" (p. 27).

SETUP menu

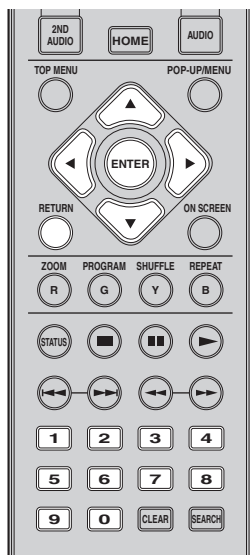
The SETUP menu enables various audio/visual settings and adjustments for functions using the remote control unit.

Menu/Submenu	Item	Function	Page
 General Setting	System		
	Auto Power Standby	Sets the power-saving function to on/off.	27
	HDMI Control	Sets this Player to receive control signal from the remote control of your TV/AV receiver.	27
	Load Default	Resets all settings to the default setting except Security setting.	27
	Upgrade	Performs upgrade of this Player.	27
	Upgrade Notification	Selects whether to display the message on the screen when this Player detects newer software over the Internet.	27
	Local Storage	Displays the free space of USB memory device connected to this Player, or formats the "BUDA" folder in the USB memory device.	27
	Easy Setup	Sets language, resolution, screen aspect ratio.	27
	Language		
	OSD	Selects the language for On Screen Display.	27
	Menu	Prioritizes the language for disc menu.	27
	Audio	Prioritizes the language for audio.	27
	Subtitle	Prioritizes the language for subtitle.	27
	Playback		
	Disc Auto Playback	Sets this Player to start disc playback automatically.	28
	Angle Mark	Sets to display the Angle Mark when Blu-ray Disc/DVD with multiple angles is played back.	28
	PIP Mark	Sets to display the PIP Mark when Blu-ray Disc/DVD with Picture in Picture is played back.	28
	Secondary Audio Mark	Sets to display the Secondary Audio Mark when Blu-ray Disc/DVD with secondary audio is played back.	28
	Last Memory	Sets this Player to remember the last playback position of a disc (Blu-ray or DVD video) when it is set to standby mode or the disc tray is opened.	28
	Security		
	Change Password	Changes password for Parental Control and Country Code.	28
	Parental Control	Sets the Parental Control depending on the disc content.	28
	Country Code	Sets your Country Code.	28
	Network		
	Connection Setting	Sets a network connection method.	28
	Information	Displays network information screen.	28
	Connection Test	Performs the network connection test.	28
	IP Setting	Sets the IP setting to Auto/Manual.	28
	Proxy Setting	Sets the proxy setting.	29
	Network Control	Sets the control for devices, which are connected via Ethernet, to On/Off.	29
	Network Standby	Selects whether this Player can be turned on from other network devices.	29
	DMC Control	Selects whether to allow DLNA-compatible Digital Media Controller (DMC) (p. 13) to control this Player.	29
	BD-Live Connection	Sets the BD-Live connection to Permitted/Partial Permitted/Prohibited.	29

Menu/Submenu	Item	Function	Page
 Display Setting	TV	TV Screen	29
		HDMI Resolution	30
		TV System	30
		Color Space	30
		HDMI Deep Color	30
		HDMI 1080p 24Hz	30
	Video Process	Noise Reduction	30
		De-interlacing Mode	30
	Closed Caption	CC Attribute	30
		Font color Font size Font style Font opacity Font edge Font edge color BG color BG opacity Window color Window opacity	30
 Audio Setting	Audio Output	HDMI	31
		DRC	31
 System Information		Displays software version and MAC address (p. 39).	31

■ Example of SETUP menu operation

You need to call up the SETUP menu screen to perform settings for this Player. The following is the explanation for basic operations of the SETUP menu.



Example: Setting Disc Auto Playback

Note

- Some items cannot be set during playback. In this case, press  to stop playback completely before setting.

1. Display the SETUP menu screen.

Press **HOME**, then select SETUP to display the SETUP menu screen.

Press **◀/▶** to select General Setting, then press **ENTER** or **▼**.

2. Select a Submenu.

Press **▲/▼** to select Playback, then press **ENTER** or cursor **▶**.

3. Select a menu item.

Press **▲/▼** to select Disc Auto Playback, then press **ENTER** or cursor **▶**.



4. Select a desired setting.

Press **▲/▼** to select On or Off, then press **ENTER**.



Hint

- You need to use the number buttons to enter numbers (such as password) for some menu items.

5. Exit the menu screen.

Press **◀** to return to the previous menu.

■ General Setting



The default settings are marked with “*”.

System

Auto Power Standby

Sets the power-saving function to on/off.

When set to on, this Player will switch to screen saver mode if there is no operation for 5 minutes. After that, this Player will turn to standby mode when there is no operation for 15 minutes.

On*, Off

HDMI Control

You can set the Player to receive control signal from a TV/AV receiver compatible with the HDMI Control function via an HDMI cable (p. 10).

On, Off*

Using HDMI Control function

Using the HDMI Control function, you can interactively operate this Player with your TV (HDMI Control function supported).

When you connect this Player to the TV compatible with the HDMI Control function using an HDMI cable and set HDMI Control in the SETUP menu to on (p. 27), you can perform the function listed below.

- Automatic input select function

When you start playback of this Player, the input selector of the TV (and an AV receiver if this Player is connected to the TV via the AV receiver) is switched to this Player automatically. TV Power is turned on automatically depending on the TV.

- Automatic power off function

When you turn off the TV while this Player is in stop mode and the SETUP menu screen is not displayed, the power of this Player is also turned off automatically.

Notes

- HDMI Control function may not work properly depending on the TV.
- Functions other than ones shown above may work depending on the TV or AV receiver.
- In order to make the HDMI Control function available, set up settings for the HDMI Control function on ALL components (this Player, TV, and AV receiver). Certain operation may also be required.
- Each function may be set independently to activate/deactivate depending on the TV.
- Refer to the operation manuals supplied with the TV and/or AV receiver for details regarding setup.
- When set to on, power consumption during standby mode increases due to HDMI Control function.

Load Default

You can reset all settings of this Player to default setting except Security setting (p. 28). For details on default settings, see pages 24–31.

Upgrade

You can upgrade the software manually from USB Storage or Network. For details on software upgrade, refer to “Software upgrade” (p. 34).

Upgrade Notification

You can select whether to display the message on the screen when this Player detects newer software over the Internet.

On*, Off

Local Storage

You can check the free space of USB memory device connected to this Player, or format (empty) the “BUDA” folder in the USB memory device connected to this Player by selecting Format.

Hint

- To enjoy the BD-Live feature (p. 23), you need to connect a USB memory device (with at least 2GB of free space) to one of the USB connectors (front/rear) of this Player to use the USB memory device as Local Storage.

Easy Setup

You can perform Easy Setup (p. 15).

Language

OSD

You can select the language for On Screen Display which is the messages or menu displayed on the screen such as SETUP menu.

English, Français, Español, Deutsch, Italiano, Svenska, Nederlandse, Polski, Русский, 中文

Menu

You can prioritize the language for disc menu.

English, Français, 中文, Español, Deutsch, Italiano, Nederlandse, Portuguese, Danish, Svenska, Finnish, Norwegian, Polski, Русский, Korean, Japanese, More

Audio

You can prioritize the audio language for Blu-ray Disc/DVD playback. For details on setting items, see “Menu” (p. 27).

Subtitle

You can prioritize the language for Subtitle.

English, Français, 中文, Español, Deutsch, Italiano, Nederlandse, Portuguese, Danish, Svenska, Finnish, Norwegian, Polski, Русский, Korean, Japanese, More, Off

(The default settings in [Language] differ depending on your model.)

Playback

Disc Auto Playback

You can set Disc Auto Playback to on/off. When set to on, a disc will play back automatically after loading.

On*, Off

Angle Mark

You can set to display the Angle Mark () when Blu-ray Disc/DVD with multiple angles is played back.

On*, Off

PIP Mark

You can set to display the PIP Mark () when Blu-ray Disc with picture in picture (p. 23) is played back.

On*, Off

Secondary Audio Mark

You can set to display the Secondary Audio Mark () when Blu-ray Disc with secondary audio is played back.

On*, Off

Last Memory

You can set whether this Player remembers the last playback position of a disc (Blu-ray or DVD video) when it is set to standby mode or the disc tray is opened.

On*, Off

Note

- Some discs are not compatible with this function.

Security

Change Password

You can set the password for changing the Parental Control Level and Country Code. Refer to “Parental Control” (p. 28) and “Country Code” (p. 28).

Notes

- The default password is 0000.
- If you forget the password, refer to “Troubleshooting” (p. 35) and set all the Security settings to their default settings.

Parental Control

In some Blu-ray Discs/DVDs, a control level for disc viewing is set depending on the age of the viewer. You can set the Parental Control shown on the screen depending on the disc content. The password (see “Change Password” on p. 28) needs to be entered before the Parental Control Levels is set. After you set the Parental Control, when you play back a disc with level higher than current Parental Control Level, or you want to change the Parental Control Level, a dialog box will pop up to ask you to enter the password.

Off*, 1–8

Country Code

You can set the Country Code you live in. The password (see “Change Password” on p. 28) needs to be entered before the Country Code is set. This setting may be used for rating of Parental Control and disc playback.

Network

Connection Setting

You can select a network connection method.

Wired*

Connects the network using Ethernet.

Wireless

Connects the network using a wireless LAN. You can select settings for a wireless LAN connection. Follow the on-screen instructions to proceed.

Scan

Searches for an access point. You can connect the access point that is found.

Manual

You can manually set information for an access point.

Auto

If your access point supports the WPS (Wi-Fi Protected Setup) function, you can use the auto setup method to connect this Player to the access point without entering information manually. Select PBC (Push Button Configuration) or PIN code method.

Information

You can display network information screen. On this screen, you can view the information of Interface (Ethernet), Address Type, IP Address, Subnet Mask, Default Gateway, and DNS.

Connection Test

You can perform an internet connection test. If the test is failed, please check “IP Setting” (p. 28) and perform the test again.

IP Setting

You can configure the network settings.

Auto*

Select to automatically configure the network settings of this Player with the DHCP server.

Manual

Select to configure the network settings (IP Address, Subnet Mask, Default Gateway, and DNS) manually.

Hints

- **Numeric keys** Enters characters.
-  Moves the highlight.
- **CLEAR** Deletes a character.
- **ENTER** Saves the settings and exits from the menu.

Proxy Setting

You can set Proxy Setting. Set to Disable for normal use. Set to Enable to set the proxy setting.

- Disable*** Sets proxy server to disable. Select this item when proxy server is not used.
- Enable** Enables proxy host and proxy port setting.
- Proxy Host** Sets proxy host.
- Proxy Port** Sets proxy port.

Network Control

Sets the control for devices, which are connected via Ethernet, to On/Off. When On with filter is selected, you can specify the MAC addresses of the network devices that will be permitted access to this Player. This Player employs Yamaha Network Control protocol (YNC).

On*, On with filter, Off

Notes

- When Network Control is enable, power consumption during standby mode increases due to network control function.
- When set to On, the system startup time is decreased.

Network Standby

You can select whether this Player can be turned on from other network devices such as “AV CONTROLLER” (p. 19).

On, Off*

Note

- This setting is available only when Network Control is enabled.

DMC Control

You can select whether to allow DLNA-compatible Digital Media Controller (DMC) (p. 13) to control this Player.

Enable*, Disable

BD-Live Connection

You can set access restriction to BD-Live contents.

- Permitted** Allows all BD-Live discs to connect the network.
- Partial Permitted*** Allows only discs with owner certification.
- Prohibited** Prohibits all BD-Live discs to connect the network.

Display Setting



The default settings are marked with “*”.

TV

TV Screen

You can set the screen aspect ratio of the connected TV, and adjust the video output.

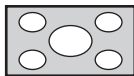
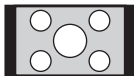
If you switch your TV (i.e. because you have bought a new one) and the screen aspect ratio of the connected TV changes, you will have to change the TV Screen setting.

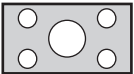
16:9 Full Select this when this Player is connected to a TV with a 16:9 screen. When a 4:3 aspect ratio video is played back, the video is displayed as shown below.

16:9 Normal* Select this when this Player is connected to a TV with a 16:9 screen. When a 4:3 aspect ratio video is played back, the video is displayed as shown below.

4:3 Pan Scan Select this when this Player is connected to a TV with a 4:3 screen. When a 16:9 aspect ratio video is played back, the video is displayed as shown below.

4:3 Letter Box Select this when this Player is connected to a TV with a 4:3 screen. When a 16:9 aspect ratio video is played back, the video is displayed as shown below.

Original image size	On 16:9 (wide screen) TV	
	16:9 Full	16:9 Normal
 4:3		

Original image size	On 4:3 TV	
	4:3 Pan Scan	4:3 Letter Box
 16:9		

HDMI Resolution

You can select the HDMI video output resolution. For more details on output formats, refer to “About the HDMI video output formats” (p. 33).

When set to Auto, resolution is set to the maximum resolution according to the connected TV.

When set to Disc Native, the original resolution and video frequency, recorded in the Blu-ray Disc or DVD that is played back, are used. You can use a video up-converter function of an external device.

When other than a Blu-ray Disc or DVD is played back, the resolution and video frequency will work as Auto. If a Blu-ray Disc or DVD whose resolution and video frequency are not compatible with the connected TV, no image will be output. In this case, stop playback, and select an option other than Disc Native.

Auto*, Disc Native, 480i/576i, 480p/576p, 720p, 1080i, 1080p

Note

- To output HD audio (Dolby TrueHD or DTS-HD Master Audio) from HDMI terminal, set HDMI Resolution to Auto or more than 720p.

TV System

You can select TV System from PAL, NTSC and Multi. Set the same TV System as your TV set. For more details on output formats, refer to “About the HDMI video output formats” (p. 33).

NTSC, PAL, Multi

(The default setting differs depending on your model.)

Color Space

You can select the Color Space (p. 38) output from HDMI. This function is available when this Player is connected with an HDMI cable.

YCbCr 4:4:4* Sets Color Space to YCbCr 4:4:4.

YCbCr 4:2:2 Sets Color Space to YCbCr 4:2:2.

Full RGB When RGB is set and white and black on the screen are too faint, select this item. This setting is effective when a connected component supports RGB 0–255 range.

RGB Outputs video signal at normal signal range.

Note

- This function is only available on TVs that support this function.

HDMI Deep Color

When your TV and/or AV receiver is compatible with Deep Color (p. 38), set this item according to your TV/AV receiver. This function is available when this Player is connected with an HDMI cable.

30 bits, 36 bits, 48 bits, Off*

HDMI 1080p 24Hz

This outputs the BD-Video encoded in 24Hz frame rate in HDMI 1080p 24Hz. Smoother video playback may be available with this function. This function is available when your TV/AV receiver support this function. For more details on output formats, refer to “About the HDMI video output formats” (p. 33).

Auto*, Off

Note

- This setting is disabled when output resolution is other than 1080p.

Video Process

Noise Reduction

You can set the Noise Reduction to a level of 0 to 3. 0 is off, and 3 is the maximum level.

0, 1, 2*, 3

De-interlacing Mode

You can select how to detect the video signal. Set to Auto for normal use. When horizontal stripping noise appears on the screen, set this to Film/Video to remove the noise.

Auto*, Film, Video

Closed Caption

CC Attribute

You can set the appearance of closed captions. When Auto is selected, digital closed captions will be displayed in default settings. When Custom is selected, you can customize the appearance of closed captions (Font color, Font size, etc.) manually.

Auto*, Custom

Font color, Font size, Font style, Font opacity, Font edge, Font edge color, BG color, BG opacity, Window color, Window opacity

Customize the font, background and window used for closed captions when CC Attribute is set to Custom.

■ Audio Setting



The default settings are marked with “*”.

Audio Output

HDMI

You can select the output mode of HDMI terminal. For more details on output formats, refer to “About the audio output formats” (p. 32).

Bitstream*	Outputs digital signal without any processing. Secondary Audio is not output.
PCM	Outputs 2-channel PCM.
Reencode	Outputs Bitstream with Secondary Audio.
Off	Mutes sound.

Note

- To output HD audio (Dolby TrueHD or DTS-HD Master Audio) from HDMI terminal, set HDMI Resolution to Auto or more than 720p (p. 30).

DRC

You can set the DRC (Dynamic Range Compression) (p. 38) to on/off/Auto. When set to Auto, DRC is automatically turned on for a source with DRC information in Dolby TrueHD format. DRC makes the strong sound such as plosive sound lower, and conversations more audible. It is useful when you watch movies in the night.

Off, On, Auto*

■ System Information



Software version and MAC address (p. 39) are displayed.

■ About the audio output formats

Source format		HDMI		
		Bitstream	PCM	Reencode
PCM 2ch	with SA or BCS*1	PCM 2ch		Dolby Digital
	without SA or BCS*1	PCM 2ch		
PCM 5.1ch	with SA or BCS*1	PCM 5.1ch		Dolby Digital
	without SA or BCS*1	PCM 5.1ch		
PCM 7.1ch	with SA or BCS*1	PCM 7.1ch		Dolby Digital
	without SA or BCS*1	PCM 7.1ch		
Dolby Digital	with SA or BCS*1	Dolby Digital	PCM up to 5.1ch	Dolby Digital
	without SA or BCS*1			
Dolby Digital Plus	with SA or BCS*1	Dolby Digital Plus	PCM up to 7.1ch	Dolby Digital
	without SA or BCS*1			Dolby Digital Plus
Dolby TrueHD	with SA or BCS*1	Dolby TrueHD	PCM up to 7.1ch	Dolby Digital
	without SA or BCS*1			Dolby TrueHD
DTS	with SA or BCS*1	DTS	PCM up to 5.1ch*2	DTS*3
	without SA or BCS*1			
DTS HD High Resolution	with SA or BCS*1	DTS-HD High Resolution	PCM up to 5.1ch*2 (Core decode)	DTS*3
	without SA or BCS*1			DTS-HD High Resolution*3
DTS-HD Master Audio	with SA or BCS*1	DTS-HD Master Audio	PCM up to 5.1ch*2 (Core decode)	DTS*3
	without SA or BCS*1			DTS-HD Master Audio*3

*1 “SA” is a Secondary Audio. “BCS” is a button click sound, the sound effect for pop-up menus, etc.

*2 For USB, DLNA and network services, PCM is not available (muted).

*3 For USB, DLNA and network services, Reencode is not available (output audio will be same format as bitstream).

Notes

- When HDMI is set to Bitstream, secondary audio is not output. (p. 31)
- To output HD audio (Dolby TrueHD or DTS-HD Master Audio) from HDMI terminal, set HDMI Resolution to Auto or more than 720p (p. 30).

■ About the HDMI video output formats

When TV System is set to NTSC

Contents	HDMI Resolution						
	Auto	Disc Native	1080p	1080i	720p	480p/576p	480i/576i
BD-Video with 1080p/24Hz content	*1	1080p 24Hz	1080p 24Hz/60Hz *3	1080i 60Hz	720p 60Hz	480p	480i
BD-Video without 1080p/24Hz content	*1	*2	1080p 60Hz	1080i 60Hz	720p 60Hz	480p	480i
DVD-Video	*1	*2	1080p 60Hz	1080i 60Hz	720p 60Hz	480p	480i
Others	*1	*1	1080p 60Hz	1080i 60Hz	720p 60Hz	480p	480i

When TV System is set to PAL

Contents	HDMI Resolution						
	Auto	Disc Native	1080p	1080i	720p	480p/576p	480i/576i
BD-Video with 1080p/24Hz content	*1	1080p 24Hz	1080p 24Hz/50Hz *3	1080i 50Hz	720p 50Hz	576p	576i
BD-Video without 1080p/24Hz content	*1	*2	1080p 50Hz	1080i 50Hz	720p 50Hz	576p	576i
DVD-Video	*1	*2	1080p 50Hz	1080i 50Hz	720p 50Hz	576p	576i
Others	*1	*1	1080p 50Hz	1080i 50Hz	720p 50Hz	576p	576i

*1 Resolution will be set to the maximum resolution supported by the connected TV. For example, when the maximum resolution supported by the connected TV is 1080p, the resolution will be set to 1080p.

*2 Resolution and frequency will be that of the source disc.

*3 If Auto is set for HDMI 1080p 24Hz and the connected TV supports 1080p 24Hz content, 1080p 24 Hz will be output instead of 1080p 50/60 Hz.

When TV System is set to Multi

When TV System is set to Multi, video signal is output at the same frequency as the source. Refer to the tables above for details on the frequency setting of the TV and resolution of the output video signal.

Notes

- HDMI 1080p 24Hz setting is disabled when output resolution is other than 1080p.
- When TV System is set to NTSC and video source is not 60 Hz, the video output signal is converted to 60 Hz.
- When TV System is set to PAL and video source is not 50 Hz, the video output signal is converted to 50 Hz.

Software upgrade

New software that provides additional features or product improvements will be released as needed. We recommend upgrading the software of this Player to the latest version periodically.

To check for the availability of a software upgrade, visit <http://download.yamaha.com/>

Note

- Do not remove the USB memory device, set this Player to standby mode or unplug the power cable/network cable while the software upgrade is being performed.

■ Upgrading the software

1. Prepare for the software upgrade.

When you upgrade the software from USB Storage:

- ① Save the upgrade file package to the appropriate folder on the USB memory device. For more details, refer to the procedure document attached with the upgrade file package.
- ② Connect the USB memory device.

When you upgrade the software from Network:

Confirm that this Player is connected to the network.

3. Upgrade the software by following the on-screen messages.

Upgrade is completed. The system will be reset.

2. Select the upgrade method and start upgrade from SETUP menu.

- ① Press **HOME** to display the HOME menu screen.
- ② Select **SETUP** → General Setting → System → Upgrade.
- ③ Select the item which contains the upgrade file package from USB Storage/Network.



The system will search for upgrade file package.

Troubleshooting

Refer to the table below when this Player does not function properly. If the problem you are experiencing is not listed below or if the instruction below does not help, turn off this Player, disconnect the power cable, and contact the nearest authorized Yamaha dealer or service center.

■ Power

Problem	Possible causes and solutions
No power.	– Connect the AC power cable properly. – Press  on the front panel to turn on the power.
The Player power is turned off.	– This Player will be automatically turned off after 20 minutes of inactivity (no playback) when Auto Power Standby (p. 27) is set to on.

■ Basic operation

Problem	Possible causes and solutions
The remote control does not work.	– Use the remote control within its operating range. (p. 9) – Replace the batteries. (p. 9)
Buttons do not work.	– Press and hold  on the front panel for more than 5 seconds to reset this Player. – To completely reset this Player, unplug the power cable from the AC outlet for 30 seconds or more, plug the power cable to the AC outlet again, and then turn on this Player.
Password is forgotten.	– Press and hold , , , and  on the front panel simultaneously when no disc is inserted and playback is stopped to set all the settings including Security settings (p. 28) of this Player to their default settings. After the power is turned off automatically, press  to turn on the power again.

■ Disc playback

Problem	Possible causes and solutions
The Player cannot play a disc.	– Take out the disc and clean it. (p. 4) – Make sure that the disc is loaded properly (aligned in disc tray and label-side up). (p. 4) – Use a disc supported by the Player. (p. 3) – Remove the disc and then check whether the Player supports the disc or not. (p. 3) – Check the region code. (p. 3) – Check whether the disc is defective by trying another disc. – The CD-R/RW, DVD+R/RW/R DL, and DVD-R/RW/R DL must be finalized. (p. 3)
Video stops.	– The Player will stop if it senses shock or vibration.
The Player makes a snapping sound when starting playback or loading a disc.	– These sounds are not malfunctions of the Player but are normal operating conditions.
It takes time to start Blu-ray disc playback.	– This player searches for a USB memory device used as Local Storage for BD-Live feature (p. 23) when a Blu-ray disc is loaded. To reduce the waiting time, keep a USB memory device connected to the one of the USB connectors (front/rear) of this Player (p. 14).

5

Additional information

English

Picture

Problem	Possible causes and solutions
No picture.	– Make sure that the cables are connected correctly. (p. 10) – Make sure that the connected TV or the AV receiver is set to the correct input. – With no disc inserted, or playback stopped, press and hold ▲, ▶/■ and ■ on the front panel simultaneously to set video resolution to the default value. – If a picture is still not output, press and hold ■ on the front panel for approximately 5 seconds to switch NTSC/PAL. – When set to Disc Native, a signal that is not compatible with the connected TV is output. Change the setting to output a signal that is compatible with the connected TV. (p. 30) – Make sure that the disc or file you are trying to play back is compatible with this Player (p. 3).
Screen freezes and operation buttons do not work.	– Press ■, then restart playback. – Turn off the power and turn on the power again. – Press and hold ⏻ on the front panel for more than 5 seconds to reset this Player.
Video is not output with the desired resolution.	– Set to the desired resolution. (p. 30)
Wide-screen video appears vertically stretched, or black bands appear at the top and bottom of the screen. Or 4:3 video appears horizontally stretched.	– Change the aspect ratio of your TV. (p. 29)
Square noise (mosaic) appears on the screen.	– Blocks in images may be visible in scenes with rapid movement due to the characteristics of digital image compression technology.

Sound

Problem	Possible causes and solutions
No sound, or sound is distorted.	– Check that the audio cable is connected correctly. (p. 10) – Turn the volume of TV or AV receiver up. – There is no sound during still mode, fast forward, and fast reverse. (p. 8) – Audio may not be output depending on the audio recording status, such as when audio other than an audio signal or non-standard audio is recorded for the audio content. (p. 3) – Make sure that the disc or file you are trying to play back is compatible with this Player (p. 3).
Left and right channels of audio are reversed, or sound comes out of only one side.	– Check the audio connection. (p. 10)
Cannot hear the desired audio type and/or number of channels.	– Refer to Audio Output setting and “About the audio output formats”. (p. 31, p. 32)
Cannot hear the sound of PIP (secondary audio).	– Set HDMI to PCM/Reencode. (p. 31) – To hear secondary audio, press 2ND AUDIO. (p. 7) – Depending on the disc, you may need to set secondary audio on the top menu of the disc. (p. 7)

Network

Problem	Possible causes and solutions
Cannot connect to the Internet.	– When connecting to the Internet by selecting Wired in Connection Setting, connect the Network cable properly. (p. 28) – Turn on the connected equipment, such as broadband router or modem. – Connect the broadband router and/or modem properly. – If Wireless is selected in Connection Setting, and when you want to connect to the Internet using Ethernet, select Wired properly. (p. 28) – Properly select Wireless in Connection Setting when you want to connect to the Internet using a wireless LAN. (p. 28)

Problem	Possible causes and solutions
Cannot download BD-Live contents.	– Verify that this Player can connect to the Internet normally. Refer to “Connection Test”. (p. 28) – Connect USB memory device properly. Check that the USB memory device is connected to the USB connector of this Player. (p. 14) – Check if the Blu-ray Disc supports BD-Live. – Connect the USB memory device formatted in FAT16, FAT32, or NTFS. – It is recommended to connect the USB memory device with at least 2 GB of free space. If there is not enough free space, format the USB memory device. (p. 27) – Refer to the supplied user’s manual of the disc or consult the disc manufacturer.
Cannot detect the DLNA server.	– Verify that this Player can connect to the network normally. Refer to “Connection Test”. (p. 28) – Turn on the connected equipment, such as broadband router or the server. – Confirm the Player and the server are connected to the same router (or access point). – Depending on the DLNA server, the Player may need to be permitted from the server. – Depending on the DLNA server, it needs to change a firewall setting.
Cannot play the file on the DLNA server.	– Make sure the file is playable. (p. 3) – Check your DLNA server’s setting. – The playback and operating quality may be affected by your home network condition.
Cannot connect to the Internet via Wireless LAN.	– Make sure that the wireless LAN router is turned on. – Depending on the surrounding environment, such as the wall material, radio wave receiving condition, or obstacles between the Player and the wireless LAN router, the communication distance may be shortened. Move the Player and the wireless LAN router closer to each other. – Devices that use a 2.4 GHz frequency band, such as a microwave, Bluetooth, or digital cordless device, may interrupt the communication. Move the Player away from such devices, or turn off such devices. – If the Internet connection using a wireless LAN is still not successful by the above solutions, try using Ethernet by selecting Wired in Connection Setting. (p. 28)
Wireless network is not found or distorted.	– Make sure that the wireless LAN router is turned on. – Move this Player closer to the router or change the orientation of this Player or the antenna of the wireless LAN router. – If the wireless connection cannot be configured using the WPS function, select another option (Scan or Manual) (p. 15). – Make sure that the wireless network is not disturbed by microwave ovens, digital cordless phones, or other neighboring Wi-Fi devices. – Microwave ovens, digital cordless phones or other wireless devices in your neighborhood might disturb the wireless network. Turn off these devices. – Make sure that the firewalls in your network allow access to the wireless connection of this Player. – If the wireless network does not work properly in your home, try the wired network connection.

■ Messages on the screen

- The following messages appear on the TV screen in case the disc you tried to play back is not appropriate or the operation is not correct.

Error message	Possible causes and solutions
Unsupported File	– The file is not supported with this Player. See “Types of discs/files that can be used with this Player” (p. 3).
Wrong region code!	– The disc is an incompatible region code. See “Region management information for Blu-ray Disc/DVD videos” (p. 3).
Network has FAILED.	– This Player cannot be connected to the network. Check connection (p. 12) and Network setting (p. 28).
Network is OK, proxy has FAILED.	– This Player cannot be connected to the proxy server. See “Proxy Setting” (p. 29).
BD-Live connection is prohibited in SETUP menu.	– BD-Live connection is prohibited. See “BD-Live Connection” (p. 29).
Upgrade has failed for some reason!	– Upgrade is failed. Check if the upgrade file is corrupted or unreadable.
IP Setting is not valid! Please reset...	– The IP Setting entered is not valid. Enter the correct information again.

Glossary

AVCHD

AVCHD is a new format (standard) for high definition video cameras that can be used to record and play high-resolution HD images.

BD-Live™

BD-Live is a Blu-ray Disc standard that utilizes a network connection, enabling this Player to go online to download promotional videos and other data.

BDMV

BDMV (Blu-ray Disc Movie) refers to one of the application formats used for BD-ROM which is one of the Blu-ray Disc specifications. BDMV is a recording format equivalent to DVD-Video of the DVD specification.

BONUSVIEW™

BONUSVIEW compatible discs let you simultaneously enjoy video sub-channel for two screens, audio sub-channel and sub-titles. A small screen appears within the main screen during playback (Picture in Picture).

Closed Caption

Closed captions are kind of subtitle, and the difference between subtitles and captions is that subtitles are intended for hearing persons and captions are for the hearing impaired. Subtitles rarely show all of the audio. For example, captions show sound effects (e.g., “phone ringing” and “footsteps”), while subtitles do not. Before you select this setting, please ensure that the disc contains closed caption information.

Color Space

Color Space is a color range that can be represented. RGB is a color space based on the RGB color model (red, green and blue) and is typically used for PC monitors. YCbCr is a color space based on a luminance signal (Y) and two color difference signals (Cb and Cr).

Deep Color

Deep Color refers to the use of various color depths in displays, up from the 24-bit depths in previous versions of the HDMI specification. This extra bit depth allows HDTVs and other displays go from millions of colors to billions of colors and eliminate on-screen color banding for smooth tonal transitions and subtle gradations between colors. The increased contrast ratio can represent many times more shades of gray between black and white. Also Deep Color increases the number of available colors within the boundaries defined by the RGB or YCbCr color space.

DLNA

DLNA (Digital Living Network Alliance) provides easy sharing of digital media through network in the home, and you can enjoy digital contents stored on your DLNA-server-software-installed PC or other DLNA compatible device with your TV via this Player. To connect this Player to your DLNA servers, some settings for the DLNA server or device are required. For details, refer to your DLNA server software or DLNA device.

Dolby Digital

A sound system developed by Dolby Laboratories Inc. that gives movie theater ambience to audio output when the product is connected to a Dolby Digital processor or amplifier.

Dolby Digital Plus

A sound system developed as an extension to Dolby Digital. This audio coding technology supports 7.1 multi-channel surround sound.

Dolby TrueHD

Dolby TrueHD is a lossless coding technology that supports up to 8 channels of multi-channel surround sound for the next generation optical discs. The reproduced sound is true to the original source bit-for-bit.

DRC (Dynamic Range Control)

DRC lets you 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 during times when playback may disturb neighbors.

DTS

This is a digital sound system developed by DTS, Inc. for use in cinemas.

DTS-HD High Resolution Audio

DTS-HD High Resolution Audio is a new technology developed for the next generation high definition optical disc format.

DTS-HD Master Audio

DTS-HD Master Audio is a lossless audio compression technology developed for the next generation high definition optical disc format.

FLAC

FLAC (Free Lossless Audio Codec) is an open file format for lossless audio data compression. While inferior in compression rate to other lossy compressed audio formats, it can often provide higher audio quality.

HDMI

HDMI (High-Definition Multimedia Interface) is an interface that supports both video and audio on a single digital connection. The HDMI connection carries standard to high definition video signals and multi-channel audio signals to AV components such as HDMI equipped TVs, in digital form without degradation.

Letterbox (LB 4:3)

A screen size with black bars on the top and bottom of the image to allow viewing of wide-screen (16:9) material on a connected 4:3 TV.

Linear PCM Sound

Linear PCM is a signal recording format used for Audio CDs and on some DVD and Blu-ray Discs. The sound on Audio CDs is recorded at 44.1 kHz with 16 bits. (Sound is recorded between 48 kHz with 16 bits and 96 kHz with 24 bits on DVD discs and between 48 kHz with 16 bits and 192 kHz with 24 bits on Blu-ray Discs.)

Mac address

The Mac address is a unique value assigned to a network device for identification purposes.

Pan Scan (PS 4:3)

A screen size that cuts off the sides of the image to allow viewing of wide-screen (16:9) material on a connected 4:3 TV.

Subtitles

These are the lines of text appearing at the bottom of the screen which translate or transcribe the dialog. They are recorded on many DVDs and Blu-ray Discs.

x.v.Color

x.v.Color reproduces a greater range of color than before, showing almost all of the colors that the human eye can detect.

Specifications

■ General

Power supply

[U.K., Europe, Russia, Australia and China models]	AC 110–240 V, 50 Hz
[Asia, and Central and South America models]	AC 110–240 V, 50/60 Hz
[Other models]	AC 110–240 V, 60 Hz

Power consumption 17 W

Standby power consumption

HDMI Control Off, Network Standby Off.....	0.2 W (typical)
HDMI Control On, Network Standby Off	0.3 W (typical)
HDMI Control Off, Network Standby On	4.9 W (typical)
HDMI Control On, Network Standby On	4.9 W (typical)

Dimensions (W × H × D, including protrusions) 435 × 51 × 197 mm
(17-1/8 × 2 × 7-3/4 in)

Weight 1.8 kg (4.0 lbs.)

■ Input/output

HDMI output	Type A connector × 1 480i/576i/480p/576p/720p/1080i/1080p/1080p@24Hz, Deep Color, x.v. Color support
USB	Type A connector × 2
Wireless LAN.....	Standard: IEEE 802.11 b/g/n Frequency range: 2.4GHz band
Other equipment.....	Ethernet × 1

Specifications are subject to change without notice.

■ Copyright

Note

- Audio-visual material may consist of copyrighted works which must not be recorded without the authority of the owner of the copyright. Refer to relevant laws in your country.



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The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance.

The Wi-Fi Protected Setup Identifier Mark is a mark of the Wi-Fi Alliance.

“Wi-Fi”, “Wi-Fi Protected Setup”, “Wi-Fi Direct” and “Miracast” are marks or registered marks of the Wi-Fi Alliance.

This product is licensed under the AVC patent portfolio license and VC-1 patent portfolio license for the personal and non-commercial use of a consumer to (i) encode video in compliance with the AVC Standard and VC-1 Standard (“AVC/VC-1 Video”) and/or (ii) decode AVC/VC-1 Video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed to provide AVC/VC-1 Video. No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, LLC. See <http://www.mpegla.com>.

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Additional information

English

Precaución: lea las indicaciones siguientes antes de utilizar este aparato.

- 1 Para asegurar el mejor rendimiento de este aparato, lea atentamente este manual. Y luego guárdelo en un lugar seguro para poder consultarlo en el futuro en caso de ser necesario.
- 2 Instale esta unidad en un lugar bien ventilado, fresco, seco y limpio, alejado de la luz directa del sol, fuentes de calor, vibración, polvo, humedad y/o frío. Para una adecuada ventilación, permita que el equipo tenga el siguiente espacio libre mínimo:
Superior: 10 cm
Posterior: 10 cm
Laterales: 10 cm
- 3 Coloque este aparato lejos de otros aparatos eléctricos, motores o transformadores, para evitar así los ruidos de zumbido.
- 4 No exponga este aparato a cambios bruscos de temperaturas, del frío al calor, ni lo coloque en lugares muy húmedos (una habitación con deshumidificador, por ejemplo), para impedir así que se forme condensación en su interior, lo que podría causar una descarga eléctrica, un incendio, daños en el aparato y/o lesiones a las personas.
- 5 Evite instalar este aparato en un lugar donde puedan caerle encima objetos extraños y/o donde quede expuesto al goteo o a la salpicadura de líquidos. Encima de este aparato no ponga:
 - Otros componentes, porque pueden causar daños y/o decoloración en la superficie de este aparato.
 - Objetos con fuego (velas, por ejemplo), porque pueden causar un incendio, daños en el aparato y/o lesiones a las personas.
 - Recipientes con líquidos, porque pueden caer y derramar el líquido, causando descargas eléctricas al usuario y/o dañando el aparato.
- 6 No tape este aparato con un periódico, mantel, cortina, etc. para no impedir el escape del calor. Si aumenta la temperatura en el interior del aparato, esto puede causar un incendio, daños en el aparato y/o lesiones a las personas.
- 7 No enchufe este aparato a una toma de corriente hasta después de haber terminado todas las conexiones.
- 8 No ponga el aparato al revés. Podría recalentarse y posiblemente causar daños.
- 9 No utilice una fuerza excesiva con los conmutadores, los controles y/o los cables.
- 10 Cuando desconecte el cable de alimentación de la toma de corriente, sujete la clavija y tire de ella; no tire del propio cable.
- 11 No limpie este aparato con disolventes químicos porque podría estropear el acabado. Utilice un paño limpio y seco para limpiar el aparato.
- 12 Utilice solamente la tensión especificada en este aparato. Utilizar el aparato con una tensión superior a la especificada resulta peligroso y puede producir un incendio, daños en el aparato y/o lesiones a las personas. Yamaha no se hará responsable de ningún daño debido al uso de este aparato con una tensión diferente de la especificada.
- 13 Para impedir daños debidos a relámpagos, desconecte el cable de alimentación de la toma de corriente durante una tormenta eléctrica.
- 14 No intente modificar ni arreglar este aparato. Póngase en contacto con el personal de servicio Yamaha cualificado cuando necesite realizar alguna reparación. La caja no deberá abrirse nunca por ninguna razón.
- 15 Cuando no piense utilizar este aparato durante mucho tiempo (cuando se ausente de casa por vacaciones, por ejemplo) desconecte el cable de alimentación de la toma de corriente.
- 16 Asegúrese de leer la sección “Resolución de problemas” antes de dar por concluido que su aparato está averiado.
- 17 Antes de trasladar este aparato, pulse  para ponerlo en el modo de espera, y luego desconecte el cable de alimentación de CA de la toma de corriente.
- 18 La condensación se formará cuando cambie de repente la temperatura ambiental. Desconecte en este caso el cable de alimentación de la toma de corriente y no utilice el aparato.
- 19 El aparato se calentará cuando la utilice durante mucho tiempo. Desconecte en este caso la alimentación y luego no utilice el aparato para permitir que se enfríe.
- 20 Instale este aparato cerca de la toma de CA y donde se pueda alcanzar fácilmente la clavija de alimentación.
- 21 Las baterías no deberán exponerse a un calor excesivo como, por ejemplo, el que producen los rayos del sol, el fuego y similares.

No utilice esta unidad a menos de 22 cm de personas con marcapasos o implantes de desfibrilador.

Las ondas de radio pueden afectar a los dispositivos electromédicos. No utilice este aparato cerca de dispositivos médicos ni en el interior de instalaciones médicas.

Este aparato no se desconecta de la fuente de alimentación de CA si está conectada a una toma de corriente, aunque la propia aparato esté apagada con . A este estado se le llama modo de espera. En este estado, este aparato ha sido diseñada para que consuma una cantidad de corriente muy pequeña.

Si se utiliza el enchufe de conexión a la red o un acoplador del aparato como el dispositivo de desconexión, dicho dispositivo deberá permanecer operativo en todo momento.

ADVERTENCIA

PARA REDUCIR EL RIESGO DE INCENDIO O DESCARGA ELÉCTRICA, NO EXPONGA ESTE APARATO A LA LLUVIA NI A LA HUMEDAD.

SEGURIDAD CONTRA LA RADIACIÓN LÁSER

Este aparato utiliza rayos láser. Debido a la posibilidad de que se produzcan daños en los ojos, la extracción de la cubierta del aparato o las reparaciones solamente deberán ser realizadas por un técnico cualificado.

PELIGRO

Este aparato emite radiación láser visible cuando se abre. Evite la exposición directa a los rayos láser. Cuando se conecte este aparato a una toma de corriente no acerque sus ojos a la abertura de la bandeja del disco ni a otras aberturas para mirar al interior.

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(al final de este manual)

Information about third party software licenses...

El nuevo software que proporciona características adicionales o mejoras del producto se comercializará según sea necesario. Se recomienda actualizar periódicamente el software de este reproductor a la versión más reciente. Para ver información detallada, consulte “Actualización de software” (pág. 34).

■ Acerca de este manual

- Este manual describe cómo utilizar este reproductor con un mando a distancia, excepto cuando no esté disponible. También se puede acceder a algunas de estas operaciones mediante los botones del panel delantero.
- Las notas contienen información importante sobre seguridad e instrucciones de funcionamiento. Las indicaciones señalan consejos de funcionamiento.
- Este manual se ha impreso antes de la fabricación. El diseño y las especificaciones están sujetos a cambios en parte como resultado de mejoras, etc. En caso de diferencias entre el manual y el producto, este último tiene prioridad.

Iconos utilizados en este manual

Los iconos se utilizan para indicar botones/funciones disponibles para un formato particular. Para obtener información sobre los discos y formatos que se pueden reproducir, consulte página 3.

BD : BD-Video

DVD : DVD-Video, DVD-VR, DVD+VR

CD : CD de audio

VIDEO : archivos de vídeo

MUSIC : archivos de audio

PHOTO : archivos de fotos

Qué puede hacer con este reproductor



■ Amplia variedad de discos y formatos de archivo admitidos

- Blu-ray Disc™, DVD y CD (pág. 20)
- BONUSVIEW™ y BD-Live™ (pág. 22)
- Archivos de vídeo, música y fotos en discos DVD-R/RW, discos CD-R/RW y dispositivos de memoria USB (pág. 16)

■ Características de red mejoradas

- Uso de contenido del servidor DLNA (PC o NAS) (pág. 16)
- Uso de los servicios de red (pág. 18)
- Uso de este reproductor desde dispositivos móviles (AV CONTROLLER) a través de la red (pág. 19)
- Uso de imágenes y vídeos de teléfonos inteligentes en la pantalla del televisor (Miracast™) (pág. 19)

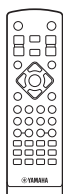
■ Configuración y operaciones sencillas

- Configuración inicial rápida y sencilla (pág. 15)
- Configuración inalámbrica automática con el WPS (Wi-Fi Protected Setup) (pág. 15)
- Actualización de software a través de red o USB (pág. 34)
- Operaciones secuenciales del televisor, el receptor de A/V y este reproductor (control HDMI) (pág. 27)

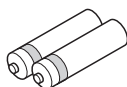
Piezas incluidas

Asegúrese de que con el producto se han suministrado los siguientes accesorios.

Mando a distancia



Pilas (x2) (AAA, R03, UM-4)



■ Tipos de discos/archivos que pueden utilizarse con este reproductor

- En este reproductor se pueden reproducir discos de 12 cm y 8 cm. No utilice un adaptador de 8 cm a 12 cm.
- Utilice discos que sean compatibles con los estándares que se indican con la presencia de logotipos oficiales en la etiqueta del disco. La reproducción de discos que no cumplan con estos estándares no está garantizada. Además, la calidad de imagen o sonido no está garantizada aunque puedan reproducirse estos discos.

Tipo de soporte	Formato de grabación
BD-ROM/BD-R/ BD-RE	BD-Video/archivos de datos
DVD-ROM	DVD-Video
DVD-R/DVD-R DL/DVD-RW	DVD-Video/DVD-VR/AVCHD/archivos de datos
DVD+R/DVD+R DL/DVD+RW	DVD-Video/DVD+VR/AVCHD/archivos de datos
CD-ROM	CDDA/HDCD
CD-R/CD-RW	CDDA/archivos de datos
USB*	Archivos de datos
DLNA	Archivos de datos

* Este reproductor es compatible con un dispositivo de memoria USB con formato FAT 16/32 y NTFS.

Formatos de archivo de audio reproducibles MUSIC	Formatos de archivo de vídeo reproducibles VIDEO	Formatos de archivo de foto reproducibles PHOTO
MP3 (.mp3) *1 WMA (.wma) *2 AAC (.aac/.m4a) WAV (.wav) *3 FLAC (.flac) *3 ALAC (.m4a) *3	MKV con H.264 (.mkv) MPEG PS (.mpeg/ .mpg) MPEG TS (.ts) MPEG-4 (.mp4) VOB (.vob) AVI (.avi) ASF (.asf) WMV (.wmv) *4	JPEG (.jpeg/.jpg) GIF (.gif) PNG (.png)

*1 Frecuencia de muestreo entre 32-48 kHz (estéreo) y bitrate entre 8-320 kbps

*2 Frecuencia de muestreo entre 32-48 kHz (estéreo) y bitrate entre 32-192 kbps

*3 Frecuencia de muestreo de hasta 192 kHz/24 bits (LPCM/estéreo)

*4 WMV9 (resolución máxima: 1.920 x 1.080)

Notas

- No se garantiza la reproducción de los archivos incluidos en la tabla anterior en función del método utilizado para la creación del archivo o del códec empleado.
- No se garantiza la reproducción de todos los archivos de un disco, dispositivo de memoria USB y de la red.
- No pueden reproducirse los archivos con protección de los derechos de autor.
- Al utilizar DLNA, el archivo debe cumplir los requisitos del servidor DLNA.

Información sobre la gestión de la región en los vídeos Blu-ray Disc/DVD

- Los discos y los reproductores de vídeo Blu-ray Disc/DVD tienen códigos de región, que dictan las regiones en las que se puede reproducir un disco. Consulte la marca de código de región que aparece en el panel trasero de este reproductor.
- En el caso de un Blu-ray Disc, el disco puede reproducirse en este reproductor si tiene la misma marca de código de región o bien la marca “ABC” de código de región.
- En el caso de un disco DVD, el disco puede reproducirse en este reproductor si tiene la misma marca de código de región o bien la marca “ALL” de código de región.

Información sobre la gestión de la región		
Destino	BD-Video	DVD-Video
EE. UU. y Canadá	Código de región “A” o “ABC” 	Número de región “1” o “ALL” 
Europa	Código de región “B” o “ABC” 	Número de región “2” o “ALL” 
Asia y Corea	Código de región “A” o “ABC” 	Número de región “3” o “ALL” 
Centroamérica y América del Sur	Código de región “A” o “ABC” 	Número de región “4” o “ALL” 

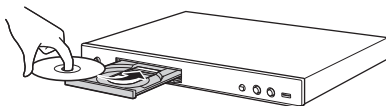
Información sobre la gestión de la región		
Destino	BD-Video	DVD-Video
Australia	Código de región "B" o "ABC"	Número de región "4" o "ALL"
Rusia	Código de región "C" o "ABC"	Número de región "5" o "ALL"
China	Código de región "C" o "ABC"	Número de región "6" o "ALL"

Notas

- Las operaciones y funciones de vídeo Blu-ray Disc/ DVD pueden ser diferentes de las explicaciones que aparecen en este manual y algunas operaciones pueden estar prohibidas debido a las configuraciones del fabricante del disco.
- Si aparece una pantalla de menú o instrucciones de funcionamiento durante la reproducción de un disco, siga el procedimiento de funcionamiento indicado.
- Según el disco, puede que no sea posible su reproducción.
- Finalice todos los soportes de grabación que desee reproducir en este reproductor.
- "Finalizar" hace referencia a un procesamiento al que se somete un disco grabado para que se pueda reproducir en otros reproductores/grabadores, así como en este reproductor. Solo pueden reproducirse en el reproductor los discos que se hayan finalizado. (Este reproductor no dispone de una función para finalizar discos.)

■ Para cargar un disco

- Inserte el disco con la etiqueta hacia arriba.
- En el caso de un disco grabado por ambos lados, ponga boca abajo el lado que va a reproducir.



Notas

- La reproducción podría iniciarse automáticamente, dependiendo del disco y la configuración del reproductor.
- Es posible que el menú aparezca primero, según el disco.
- El tiempo para cargar el disco puede variar dependiendo del disco.

■ Precauciones con los discos

Tenga cuidado con los arañazos y el polvo

- Los discos Blu-ray Disc, DVD y CD son sensibles al polvo, a las huellas dactilares y especialmente a los arañazos. Es posible que no se pueda reproducir un disco con arañazos. Maneje los discos con cuidado y guárdelos en un lugar seguro.

Almacenamiento apropiado de los discos

Ponga el disco en el centro de la caja y almacene la caja y el disco en posición vertical.	
Evite guardar los discos en lugares con luz solar directa, cerca de equipos de calefacción o en lugares con una humedad alta.	
No deje caer los discos ni los someta a vibraciones o impactos fuertes.	
Evite almacenar los discos en lugares donde haya mucha cantidad de polvo o humedad.	

Precauciones de manipulación



- Si la superficie está sucia, límpiela con cuidado con un paño suave humedecido (con agua solamente). Cuando limpie los discos, mueva siempre el paño desde el orificio central hacia el borde exterior.
- No utilice pulverizadores de limpieza de discos de vinilo, benceno, diluyente, líquidos para prevenir la electricidad estática ni otros disolventes.
- No toque la superficie.
- No pegue papel ni etiquetas adhesivas en el disco.
- Si la superficie de reproducción de un disco está sucia o rayada, el reproductor puede decidir que el disco es incompatible y expulsar la bandeja portadiscos o es posible que el disco no se reproduzca correctamente. Limpie cualquier mancha de la superficie de reproducción con un paño suave.

Limpieza de la lente lectora

- No utilice nunca discos de limpieza de venta en el mercado. La utilización de estos discos podría dañar la lente.
- Solicite la limpieza de la lente en el centro de atención al cliente aprobado por Yamaha más cercano.

■ Tecnología Cinavia

- La tecnología Cinavia forma parte del sistema de protección de los contenidos incluido en este reproductor de Blu-ray Disc.

Nota

- Es posible que aparezcan los siguientes mensajes y que su reproductor de Blu-ray Disc detenga la reproducción o silencie temporalmente la salida de audio si reproduce una copia no autorizada de un contenido protegido mediante la tecnología Cinavia.

Estos mensajes aparecen solo en inglés.

Reproducción detenida. Los contenidos que se están reproduciendo están protegidos por Cinavia® y su reproducción en este dispositivo no está autorizada.
Para más información, visite <http://www.cinavia.com>.
Código de Mensaje 1.

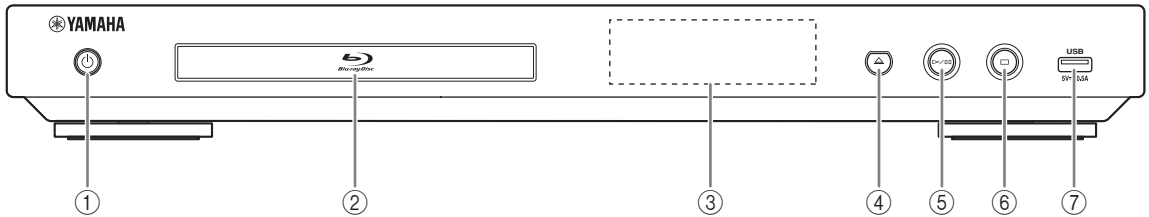
Salida de audio temporalmente detenida. No ajuste el volumen de reproducción. Los contenidos que se están reproduciendo están protegidos por Cinavia® y su reproducción en este dispositivo no está autorizada.
Para más información, visite <http://www.cinavia.com>.
Código de Mensaje 3.

Aviso sobre Cinavia

Este producto utiliza la tecnología Cinavia para limitar el uso de copias no autorizadas de algunas películas y vídeos comerciales y de sus bandas sonoras. Al detectar el uso prohibido de una copia no autorizada, aparecerá un mensaje y se detendrá la reproducción o la copia. Para obtener más información sobre la tecnología Cinavia, consulte el Centro de información al consumidor de Cinavia, que encontrará en el sitio web <http://www.cinavia.com>. Para solicitar más información sobre Cinavia por correo, envíe una carta con su dirección de correo a: Cinavia Consumer Information Center, P.O. Box 86851, San Diego, CA, 92138, Estados Unidos

Controles y funciones

■ Panel delantero



① **⏻ (Encendido/en espera)**

Pone en marcha el reproductor/activa el modo en espera.

Mantenga pulsado **⏻** en el panel delantero durante más de 5 segundos para reiniciar el reproductor (se reiniciará el sistema).

② **Puerta de la bandeja portadiscos**

③ **Visor del panel delantero**

Muestra distintos tipos de información sobre el estado del dispositivo.

④ **▲ (Expulsar)**

Abre/cierra la bandeja portadiscos.

⑤ **▶/■ (Reproducción/Pausa)**

Inicia o pone en pausa la reproducción.

⑥ **■ (Detener)**

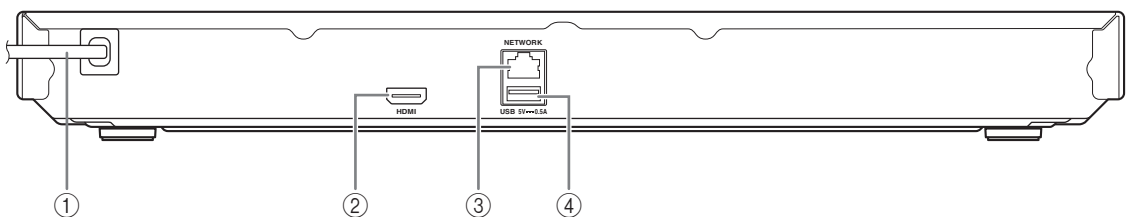
Detiene la reproducción.

⑦ **Conector USB (pág. 14)**

Nota

- Retire la película protectora del panel delantero antes de empezar a utilizar el reproductor.
- Al limpiar el panel delantero, utilice un paño suave y seco para evitar arañazos.

■ Panel trasero



① **Cable de alimentación**

Enchufe el cable de alimentación en la toma de CA una vez realizadas todas las conexiones.

② **HDMI (pág. 10)**

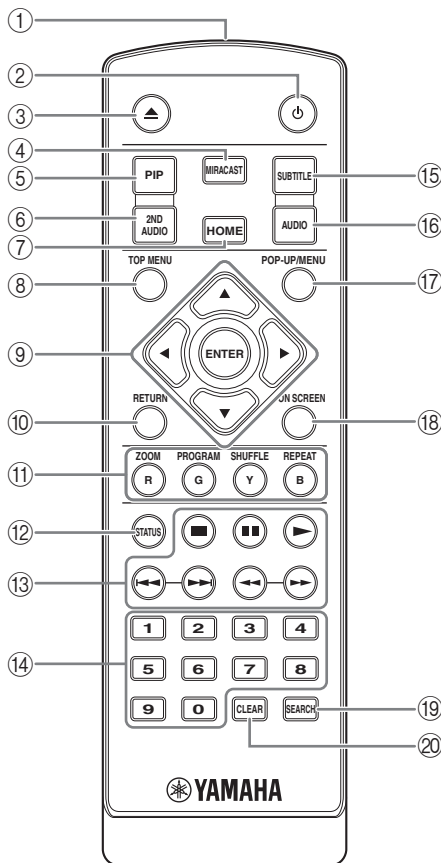
③ **NETWORK (pág. 12)**

④ **Conector USB (pág. 14)**

■ Mando a distancia

Nota

- El símbolo aparecerá en la esquina superior izquierda de la pantalla cuando la tecla pulsada no esté disponible.



- 1 Transmisor de señales infrarrojas:** Emite la señal infrarroja. Oriente esta ventana al sensor del mando a distancia (pág. 9).
- 2** : Enciende el reproductor o lo pone en modo de espera.
- 3** : Abre/cierra la bandeja portadiscos.
- 4 MIRACAST:** Inicia Miracast (pág. 19).
- 5 PIP BD:** Permite encender/apagar la función Imagen en imagen (pág. 23). La Marca PIP () se muestra en pantalla cuando esta función está disponible. También puede seleccionar esta opción desde el menú en pantalla (pág. 20).

Nota

- La Marca PIP se muestra solo cuando la Marca PIP está activada (pág. 28).

- 6 2ND AUDIO :** Selecciona el audio secundario de la función Imagen en imagen (pág. 23) o los comentarios de audio. La Marca Audio Secundario () se muestra en pantalla cuando esta función está disponible (pág. 31). También puede seleccionar esta opción desde el menú en pantalla (pág. 20).

Nota

- La Marca Audio Secundario se muestra solo cuando la Marca Audio Secundario está activada (pág. 28).
- 7 HOME:** Muestra la pantalla de menú HOME (pág. 16).
 - 8 TOP MENU :** Muestra la pantalla de menú principal si el disco contiene un menú. Seleccione la opción deseada mediante /// y ENTER.

Nota

- Las operaciones concretas pueden diferir dependiendo del disco. Siga las instrucciones de cada pantalla de menú.
- 9 Teclas de cursor (///):** Permiten mover la selección en la pantalla de menú.
ENTER: Selecciona el menú/opción resaltado.
 - 10 RETURN:** Permite volver al menú o pantalla anterior, etc.
 - 11 Teclas de colores :** Utilice estas teclas según las instrucciones en pantalla.

ZOOM : Acerca/aleja la imagen. El tamaño de la pantalla cambiará cada vez que pulse la tecla (ampliar/reducir zoom: 3 pasos cada uno).

PROGRAM : Establece el orden de reproducción (pág. 22). Puede configurar hasta 15 pistas (para discos de audio) o títulos/capítulos (DVD-Video).

SHUFFLE : Selecciona el modo de reproducción aleatoria (pág. 20).

REPEAT :

: Permite cambiar el modo de repetición. El modo de repetición mostrado a continuación cambiará cada vez que se pulse el botón.

: Repite el título que se está reproduciendo.

: Repite el capítulo que se está reproduciendo.

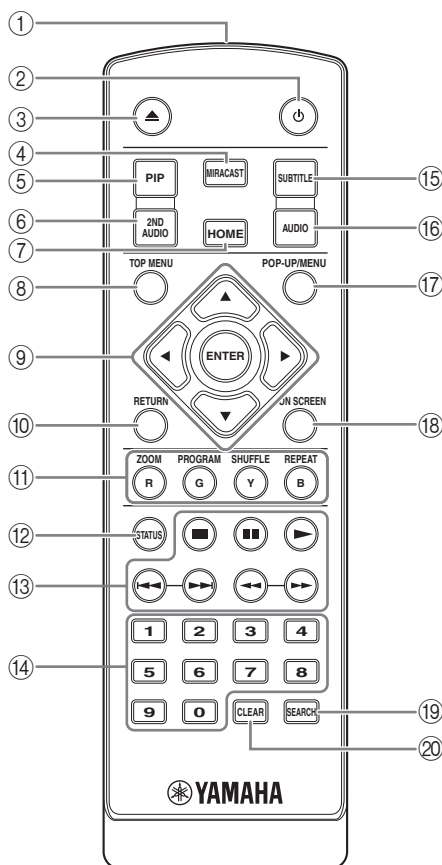
: Repite la carpeta que se está reproduciendo.

: Repite todas las pistas/archivos del disco.

: Repite la pista/archivo que se está reproduciendo.

- 12 STATUS:** Muestra la información de reproducción (pág. 21).

Continúa en la página siguiente. ➔



13 Teclas de control

BD DVD CD VIDEO MUSIC PHOTO

■ : Detiene la reproducción.

■ ■ : Pone la reproducción en pausa.

▶ : Reproduce el contenido.

◀◀/▶▶ : Permite saltar hacia atrás/hacia adelante.

◀◀/▶▶

BD DVD CD VIDEO MUSIC :

Permite buscar hacia atrás/hacia adelante. La velocidad de búsqueda cambiará cada vez que pulse la tecla (buscar hacia atrás/adelante: 5 pasos cada una). Pulse ▶ para reanudar la reproducción normal.

PHOTO : Permite cambiar la velocidad de un pase de diapositivas (más lento/más rápido: 3 pasos).

14 **Teclas numéricas:** Permiten introducir números, o durante la reproducción, saltar a la pista/capítulo correspondiente al número introducido. Es posible que estos botones no estén disponibles en función del tipo de disco y la situación de reproducción.

15 **SUBTITLE BD DVD VIDEO :** Permite cambiar el idioma de los subtítulos (pág. 39) si está disponible. También puede seleccionar esta opción desde el menú en pantalla (pág. 20).

16 **AUDIO BD DVD :** Permite cambiar el idioma o formato de audio. También puede seleccionar esta opción desde el menú en pantalla (pág. 20).

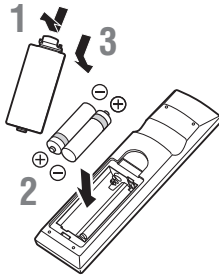
17 **POP-UP/MENU BD DVD :** Muestra el menú emergente. Los contenidos del menú que aparecen varían en función del disco. Encontrará más información sobre cómo ver y controlar el menú emergente en el manual del disco.
La pantalla del menú principal aparece a veces al pulsar **POP-UP/MENU** dependiendo del DVD.

18 **ON SCREEN:** Muestra el menú en pantalla (pág. 20).

19 **SEARCH BD DVD CD VIDEO MUSIC :**
Permite ir a un punto especificado durante la reproducción. Para conocer los detalles sobre esta función, consulte "Uso de la búsqueda" (pág. 22). También puede seleccionar esta opción desde el menú de estado (pág. 21).

20 **CLEAR:** Borra el número introducido o elemento establecido.

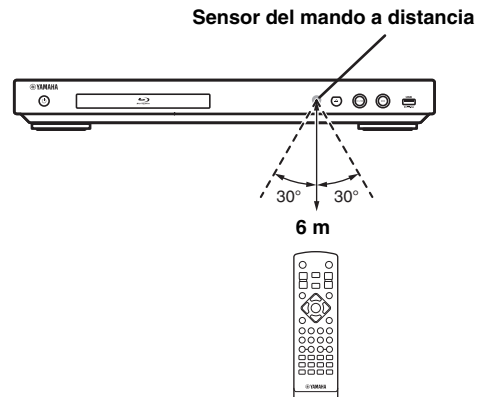
Instalación de las pilas en el mando a distancia



Notas

- Cambie las dos pilas cuando note que disminuye el alcance del mando a distancia.
- Utilice pilas AAA, R03, UM-4.
- Asegúrese de que las polaridades son las correctas. Consulte la ilustración que encontrará en el interior del compartimento de las pilas.
- Extraiga las pilas si no va a utilizar el mando a distancia durante un periodo de tiempo prolongado.
- No mezcle pilas viejas con pilas nuevas.
- No utilice juntas pilas de diferentes tipos (como pilas alcalinas y pilas de manganeso). Lea con atención la información del paquete, ya que diferentes tipos de pilas pueden tener la misma forma y color.
- Si observa fugas en las pilas, deséchelas inmediatamente. Evite tocar el material derramado y no deje que entre en contacto con ropa, etc. Limpie con cuidado el compartimento antes de colocar pilas nuevas.
- No mezcle las pilas con los residuos domésticos; deséchelas siguiendo la normativa local.
- Mantenga las pilas fuera del alcance de los niños. En caso de que se traguen una por accidente, acuda inmediatamente a un médico.
- Si tiene previsto no utilizar el mando a distancia durante un periodo de tiempo prolongado, extraiga las pilas del mando a distancia.
- No cargue ni desmonte las pilas suministradas.

Alcance aproximado de funcionamiento del mando a distancia



Conexiones de vídeo/audio

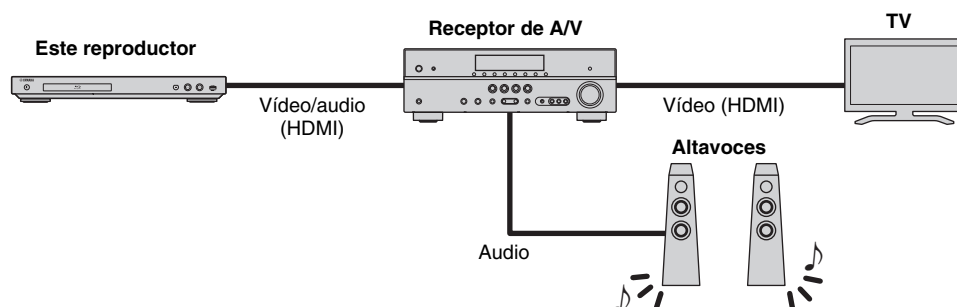
Realice las conexiones de los cables de vídeo/audio correspondientes en el equipo que desee usar.

Consejos

- Consulte la página 32 para obtener información sobre los formatos de salida de audio/vídeo.
- Prepare los cables de venta en el mercado necesarios para las conexiones. El tipo y el número de cables que necesita varían en función del equipo que se va a conectar.

Uso de vídeo/audio con un televisor y un receptor de A/V

Consulte “Conexión con un televisor a través de un receptor de A/V” (pág. 11).



Uso de vídeo/audio solo con un televisor

Consulte “Conexión directa con un televisor” (pág. 11).



Acerca de HDMI

Para disfrutar de vídeo de alta calidad y sonido digital a través del terminal HDMI, utilice cables HIGH SPEED HDMI de venta en el mercado que tenga el logotipo HDMI (tal como se muestra en la contraportada).

Consejos

- Para obtener información sobre la función Control HDMI, consulte “Control HDMI” (pág. 27).
- Para cambiar el modo de salida de audio del terminal HDMI, configure “HDMI” (pág. 31) en Configuración de audio.

■ Conexión con un televisor a través de un receptor de A/V

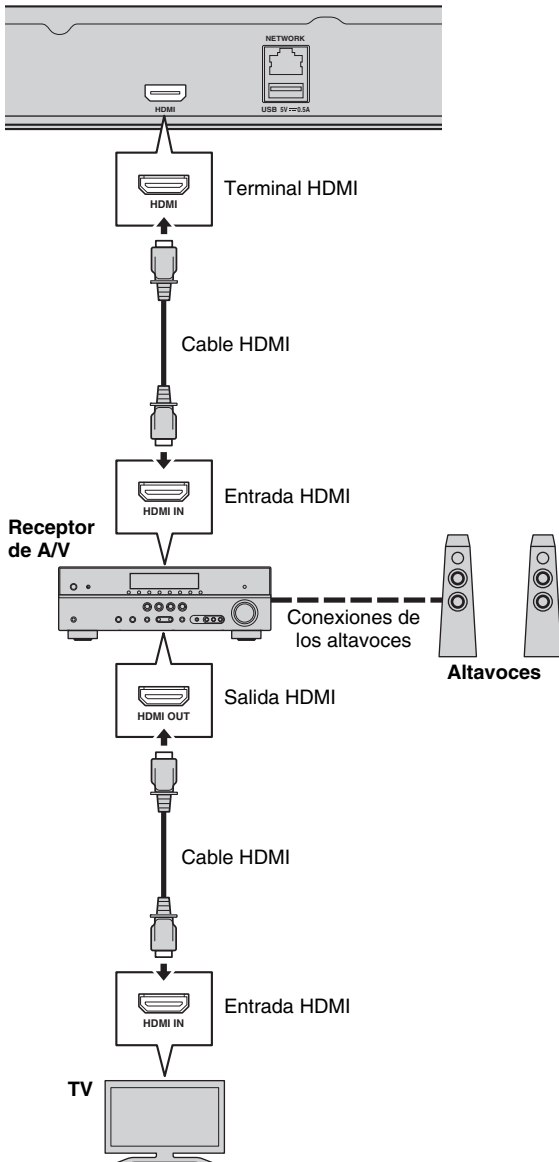
Conecte este reproductor al receptor de A/V y el receptor de A/V al televisor con cables HDMI.

Para más detalles sobre las conexiones de los altavoces, consulte los manuales de instrucciones del receptor de A/V y de los altavoces.

¡Precaución!

No conecte el cable de alimentación del reproductor hasta haber realizado todas las conexiones.

Este reproductor



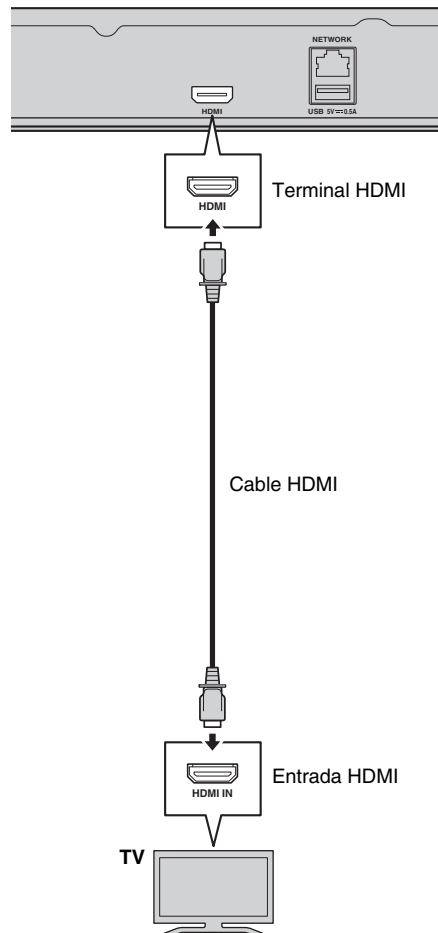
■ Conexión directa con un televisor

Conecte este reproductor al televisor con un cable HDMI.

¡Precaución!

No conecte el cable de alimentación del reproductor hasta haber realizado todas las conexiones.

Este reproductor



Conexión de red

Si conecta este reproductor a la red (inalámbrica o con cable), puede utilizar las funciones siguientes.

- Reproducción de contenido de un servidor DLNA (PC o NAS) (pág. 16)
- Reproducción de distintos contenidos del servicio de red (pág. 18)
- Reproducción de discos compatibles con BD-Live (pág. 22)
- Uso de este reproductor desde dispositivos móviles (AV CONTROLLER) (pág. 19)

Notas

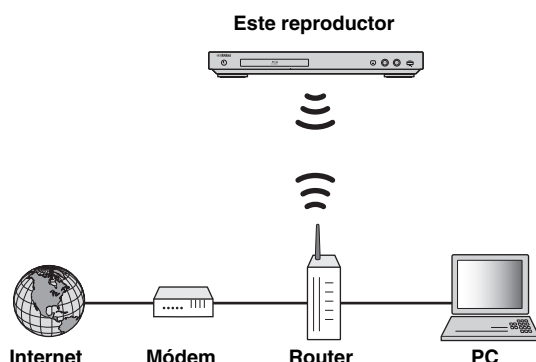
- Para utilizar los servicios de red o la función BD-Live, se necesita una conexión a Internet de banda ancha.
- Consulte el manual de instrucciones de su equipo, ya que el equipo conectado y el método de conexión pueden variar dependiendo de su entorno de red.
- Emplee un cable de red/enrutador compatible con 10BASE-T/100BASE-TX.

Consejo

- Si utiliza un router que admite DHCP, no necesita configurar los ajustes de red para este reproductor, ya que los parámetros de red (tales como la dirección IP) se asignarán automáticamente. Solo necesita configurar los ajustes de red si el router no admite DHCP o si desea configurar los parámetros de red manualmente (pág. 29).

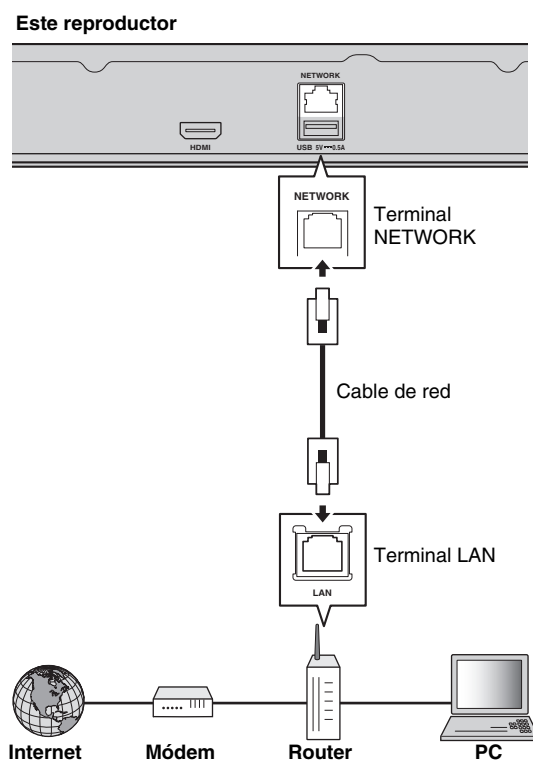
■ Conexión inalámbrica

Mediante el uso de la función Wi-Fi de este reproductor, puede conectarlo a la red (router) de forma inalámbrica. Para utilizar la función Wi-Fi, consulte “Configuración de conexión inalámbrica” (pág. 15) y realice la configuración de conexión inalámbrica.



■ Conexión con cable

Conecte este reproductor a la red (router) con un cable de red de par trenzado blindado (STP) disponible en el mercado.



■ Configuración de servidor DLNA

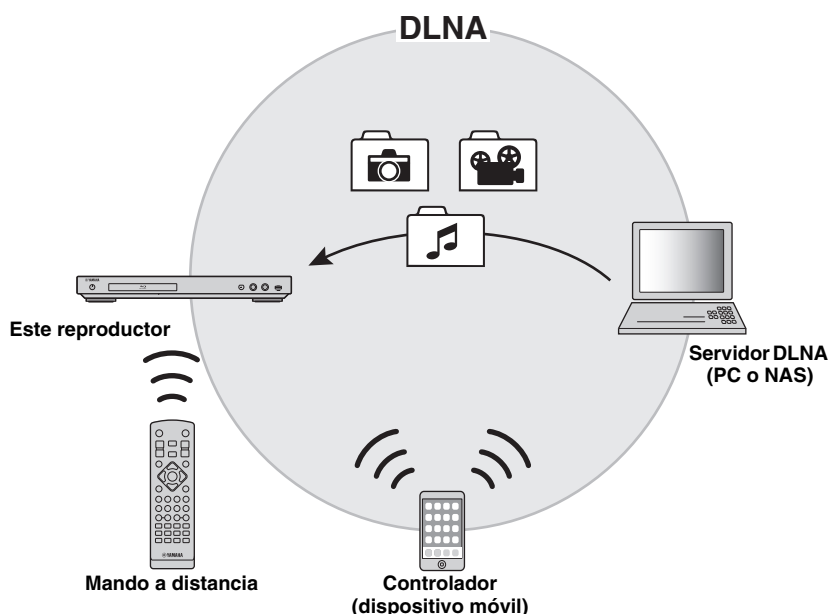
Mediante el uso de DLNA, puede compartir contenido multimedia (como vídeos, música y fotos) almacenado en su servidor DLNA (PC o NAS) conectado a su red, y disfrutar de ese contenido con el reproductor.

Además, puede utilizar su dispositivo móvil (como un teléfono inteligente y una tableta) como un controlador inalámbrico para controlar este reproductor a través de la red.

Para utilizar las funciones DLNA, realice la siguiente configuración del servidor DLNA una vez realizada la conexión de red (pág. 12).

Notas

- Para utilizar funciones DLNA, todos los dispositivos deben estar conectados a la misma red.
- Para utilizar un NAS como un servidor DLNA, el NAS debe ser compatible con DLNA.



Configuración de uso compartido de medios en servidor DLNA

Para reproducir contenido multimedia almacenado en su servidor DLNA (PC o NAS), primero debe realizar la configuración de uso compartido de medios en el software del servidor DLNA instalado en el servidor DLNA.

Consejo

- Para obtener información sobre la configuración del servidor DLNA o los formatos de archivo admitidos por el servidor DLNA, consulte los manuales de instrucciones de su servidor DLNA y de su software.

- 1 Encienda el servidor DLNA (PC o NAS) y este reproductor.
- 2 Si utiliza un PC como servidor DLNA, compruebe que el software del servidor DLNA (como Windows Media Player 12) está instalado en su PC.
- 3 En el servidor DLNA, active el uso compartido de medios y permita que se compartan con este reproductor.
Con esto finaliza la configuración del servidor DLNA. Para disfrutar del contenido del servidor DLNA en este reproductor, seleccione un servidor DLNA y un archivo multimedia en el menú HOME (pág. 16).

Uso de un dispositivo móvil como controlador de medios

Si tiene un dispositivo móvil (como un teléfono inteligente y una tableta) que admite la función Controlador multimedia digital (DMC), puede utilizar este reproductor desde su teléfono inteligente o tableta a través de la red.

Consejos

- Para permitir que el dispositivo móvil controle este reproductor, defina Control DMC (pág. 29) en el menú SETUP en Permitir (predeterminado).
- Para comprobar si su dispositivo móvil admite la función DMC, consulte los manuales de instrucciones del dispositivo móvil y de su software.

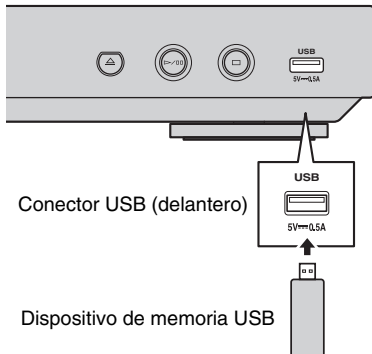
Conexión USB

Si conecta un dispositivo de memoria USB al conector USB en el panel delantero o trasero de este reproductor, puede reproducir archivos multimedia almacenados en el dispositivo de memoria USB (pág. 16).

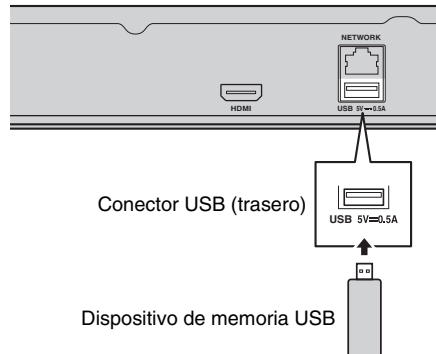
Notas

- Yamaha no puede garantizar que los dispositivos de memoria USB de todas las marcas funcionen con este reproductor.
- Conecte un dispositivo de memoria USB a uno de los conectores USB (delantero/trasero) de este reproductor cuando utilice la función BD-Live (pág. 23).

Este reproductor



Este reproductor

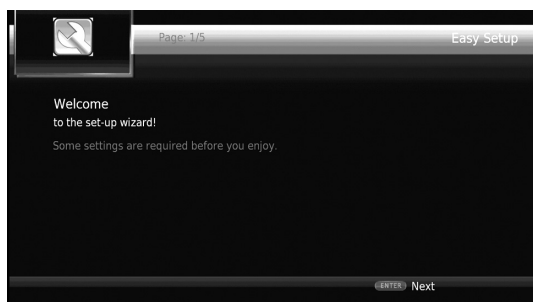


Ajustes iniciales

■ Configuración con la Configuración Sencilla

La Configuración Sencilla le permite definir fácilmente el idioma, la resolución y la relación de aspecto de la pantalla. La pantalla de la Configuración Sencilla aparece la primera vez que enciende este reproductor después de comprarlo. La misma configuración se puede realizar desde el menú **SETUP** → **Sistema** → **Configuración Sencilla**.

- 1 Cuando aparezca la pantalla Configuración Sencilla, pulse **ENTER** para empezar con la Configuración Sencilla.



- 2 Defina el idioma, la resolución y la relación de aspecto de la pantalla siguiendo los mensajes que aparecen en pantalla.

Nota

- Si no aparece la imagen tras completar la Configuración Sencilla, consulte “Resolución de problemas” (pág. 36).

■ Configuración de conexión inalámbrica

Para conectar este reproductor a su red (router) de forma inalámbrica, siga el procedimiento siguiente para realizar la configuración de conexión inalámbrica.

Si su router (punto de acceso) admite la función WPS (Wi-Fi Protected Setup), puede utilizar el método de configuración automática para conectar este reproductor al router sin necesidad de introducir información de red (como SSID) manualmente.

- 1 Pulse **HOME** para mostrar la pantalla del menú HOME.
- 2 Seleccione **SETUP** → **Configuración General** → **Red** → **Configuración de conexión** → **Inalámbrico**.



- 3 Pulse **◀▶** para seleccionar **Sí** y, a continuación, pulse **ENTER**.



- 4 Pulse **◀▶** para seleccionar uno de los siguientes métodos de configuración y, a continuación, pulse **ENTER**.



Buscar Redes: Seleccione esta opción para buscar redes inalámbricas disponibles. Cuando se muestre la lista de redes, seleccione el SSID que se va a conectar e introduzca la contraseña.

Manual: Seleccione esta opción para introducir la información de red (como el SSID) manualmente.

Auto: Seleccione esta opción para utilizar la función WPS. Seleccione PBC (configuración de botón de comando) o el método de código PIN y siga los mensajes que aparecen en la pantalla.

Notas

- Para ver información detallada sobre el funcionamiento de su router (punto de acceso), consulte el manual de instrucciones correspondiente.
- Si la función WPS no funciona, seleccione “Buscar Redes” o “Manual” para realizar la configuración de conexión inalámbrica.
- Los dispositivos que funcionan en la banda de frecuencias de 2,4 GHz, como los hornos microondas, dispositivos Bluetooth o dispositivos digitales inalámbricos, pueden llegar a interrumpir la comunicación. Aleje el reproductor de estos dispositivos o apáguelos.
- La velocidad de una conexión de red inalámbrica depende de su entorno de red (tipo de router, distancia entre el router y este reproductor, ubicaciones de instalación, etc.). En caso de que el sonido o el vídeo se interrumpa durante la reproducción, acerque este reproductor al router o cambie la orientación de este reproductor o de la antena del router.

3

Reproducción

Español

Menú HOME

El menú HOME le permite realizar las siguientes operaciones básicas de este reproductor.

- Búsqueda y reproducción de archivos multimedia en distintos discos, dispositivos de memoria USB y sus servidores DLNA (PC o NAS)
- Acceso a diversos servicios de red (pág. 18)
- Visualización del menú SETUP (pág. 24)

Consejos

- Para obtener información sobre los discos y formatos que se pueden reproducir, consulte la página 3.
- Para reproducir contenido del servidor DLNA en este reproductor, también se debe realizar la configuración de uso compartido de medios (pág. 13) en el servidor DLNA.

■ Reproducción de fotos/música/vídeo

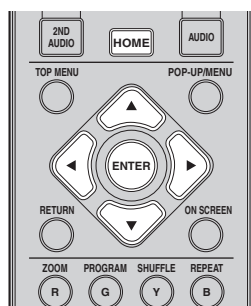
Funcionamiento básico

◀/▶/▲/▼: Permite mover la selección.

◀: Permite volver a la carpeta principal.

HOME: Permite entrar/salir de la pantalla del menú HOME.

ENTER: Confirma la carpeta/archivo.



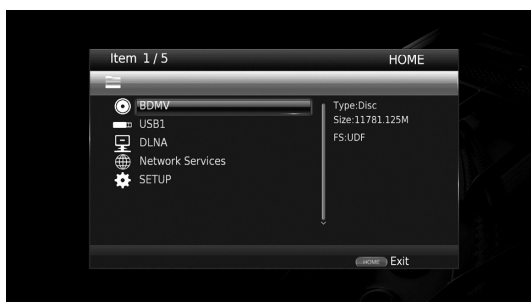
Operaciones comunes para la reproducción de archivos en una carpeta seleccionada

Ejemplo: Selección de un archivo de película en un dispositivo de memoria USB

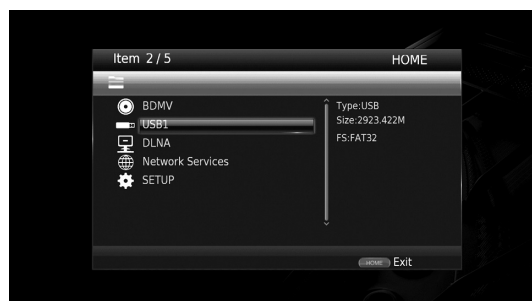
Nota

- Detenga la reproducción del vídeo antes de desplazarse a la pantalla del menú HOME.

1 Pulse **HOME** para ir a la pantalla del menú HOME.



2 Pulse ▲/▼ para seleccionar el elemento que contiene el archivo que desea reproducir y, a continuación, pulse **ENTER**.

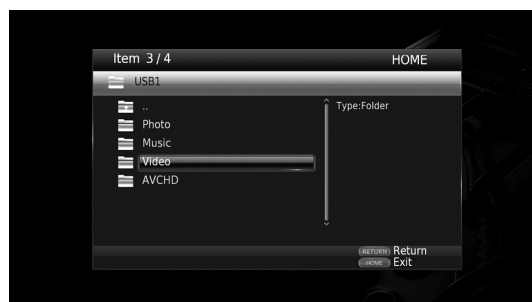


Nota

- Si su servidor DLNA no aparece en la lista, compruebe que el servidor DLNA está activado y seleccione Buscar DLNA para actualizar la lista.

3 Seleccione la carpeta de Foto, Música, Vídeo o AVCHD que desea reproducir y, a continuación, pulse **ENTER**.

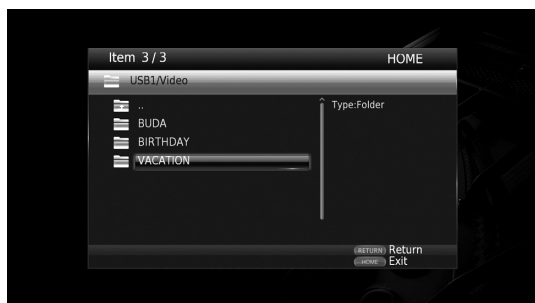
Para volver a la carpeta principal, pulse **RETURN** o seleccione



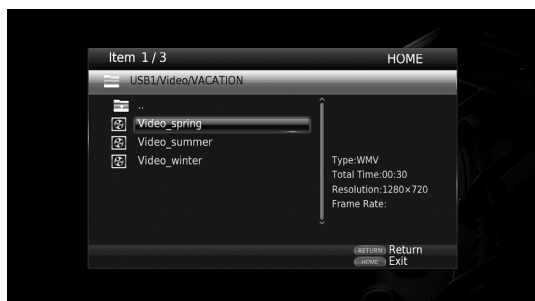
Nota

- Tenga en cuenta que en el siguiente paso solo se mostrarán los archivos del tipo que seleccione en este paso. Por ejemplo, si selecciona la carpeta Foto en este paso, solo se mostrarán archivos de fotos después de este paso.

- 4 Seleccione la carpeta que contiene el archivo que desea reproducir.



- 5 Seleccione el archivo que desea reproducir y, a continuación, pulse **ENTER**.
Si selecciona un archivo de vídeo, se inicia la reproducción.
Si selecciona un archivo de música, se muestra la pantalla de estado y se inicia la reproducción.
Si selecciona un archivo de fotos, se inicia el pase de diapositivas.

**Consejo**

- Para disfrutar del pase de diapositivas con música, pulse **HOME** para volver a la pantalla del menú HOME mientras se reproduce la música y seleccione un archivo de fotos.

Nota

- Es posible que el archivo mostrado no se reproduzca dependiendo del contenido.

Operaciones para la visualización de fotos

Durante la visualización de fotos, los botones del mando a distancia funcionan como se indica a continuación.

■: Detiene el pase de diapositivas y vuelve al explorador de archivos.

■: Establece una pausa en un pase de diapositivas.

▶: Reproduce un pase de diapositivas.

▶▶: Pasa a la fotografía siguiente.

◀◀: Pasa a la fotografía anterior.

▶▶▶: Aumenta la velocidad de un pase de diapositivas en 3 pasos.

◀◀◀: Reduce la velocidad de un pase de diapositivas en 3 pasos.

▲: Invierte una foto.

▼: Muestra la foto reflejada.

◀: Gira una foto en sentido contrario a las agujas del reloj.

▶: Gira una foto en el sentido de las agujas del reloj.

ZOOM: Amplía/reduce una foto (ampliar/reducir zoom: 3 pasos cada uno).

▲/▼/◀/▶: Permite desplazarse en modo de zoom cuando la foto es mayor que la pantalla.

3**Reproducción**

Uso de servicios de red

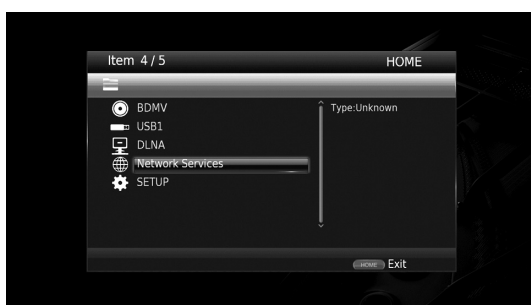
Puede disfrutar de fotos utilizando los siguientes servicios de red.

- Álbumes Web de Picasa

Notas

- El acceso a contenidos suministrados por terceros requiere una conexión a Internet de alta velocidad y, a veces, también un registro de cuenta y una suscripción de pago.
- Los servicios de contenidos de terceros pueden modificarse, suspenderse, interrumpirse o dejar de proporcionarse en cualquier momento sin previo aviso, y Yamaha no asume ninguna responsabilidad en este sentido.
- Es posible que parte de los contenidos solo estén disponibles en algunos países y que se presenten en idiomas específicos.
- Yamaha no garantiza que los servicios de contenidos se seguirán proporcionando ni estarán disponibles durante un periodo de tiempo concreto y rechaza cualquier garantía de este tipo, ya sea expresa o implícita.

- 1 Pulse **HOME** para ir a la pantalla del menú HOME.
- 2 Pulse **▲/▼** para seleccionar Servicios de red y, a continuación, pulse **ENTER**.



- 3 Pulse **◀/▶/▲/▼** para seleccionar el servicio de red deseado y, a continuación, pulse **ENTER**.
- 4 Pulse **◀/▶/▲/▼** para seleccionar un elemento y, a continuación, pulse **ENTER** para confirmar la selección (o iniciar la reproducción).

Consejo

- Para salir de cada servicio de red, pulse **HOME**.

Nota

- Los procedimientos de funcionamiento después del paso 4 varían en función de los elementos de menú proporcionados por cada servicio.

■ Acerca de álbumes Web de Picasa™

Álbumes Web de Picasa es un servicio de red que permite a los usuarios compartir fotos con amigos y familia o explorar fotos públicas.

Más información en picasaweb.google.com



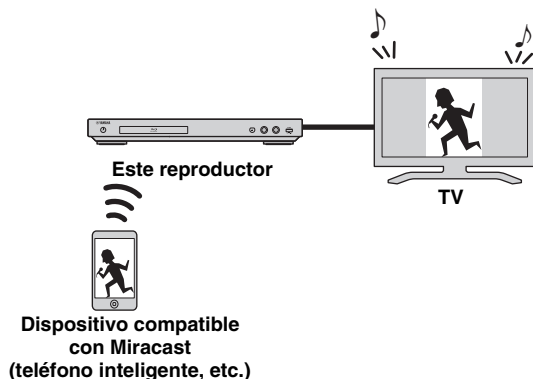
Picasa y el logotipo de Picasa son marcas comerciales de Google, Inc.

Uso de imágenes y vídeos de teléfonos inteligentes en la pantalla del televisor (Miracast™)

Miracast es una solución para una perfecta visualización de vídeo entre dispositivos, sin cables ni una conexión de red a través de un punto de acceso (Wi-Fi Direct). Puede realizar distintas acciones, como ver imágenes desde un dispositivo compatible con Miracast (teléfono inteligente, etc.) en la pantalla del televisor conectado a este reproductor.

Notas

- Para comprobar si su dispositivo es compatible con Miracast, consulte el manual de instrucciones del dispositivo.
- Cuando Miracast está activado en este reproductor, otras funciones de red (como DLNA) no están disponibles.



- 1 Pulse **MIRACAST**.
- 2 Utilice su teléfono inteligente en los 60 segundos siguientes para activar Miracast y seleccione este reproductor como el dispositivo que se va a conectar. Para ver información detallada sobre el funcionamiento de su teléfono inteligente, consulte el manual de instrucciones correspondiente.
- 3 Para salir de Miracast, pulse **MIRACAST**.

Consejo

- También puede salir de Miracast pulsando **HOME** o **RETURN**.

En función del entorno, es posible que el audio/vídeo se interrumpa o que se produzcan interferencias en la pantalla del televisor. En tal caso, pruebe las soluciones siguientes.

- Acerque el dispositivo Miracast a este reproductor.
- Apague los demás dispositivos inalámbricos que no esté utilizando.
- Aleje el dispositivo Miracast y este reproductor de hornos microondas, dispositivos Bluetooth u otros dispositivos inalámbricos.

Uso de este reproductor desde dispositivos móviles (AV CONTROLLER)

Mediante la aplicación “AV CONTROLLER” de su dispositivo móvil, puede utilizar dicho dispositivo como mando a distancia para manejar este reproductor.



AV CONTROLLER

- Puede controlar las funciones básicas de reproductores Blu-ray Disc™ Yamaha como la reproducción, la pausa, el salto, el encendido y la navegación de los cursores.
- La aplicación “AV CONTROLLER” está disponible en distintos idiomas.
- Para obtener más información sobre “AV CONTROLLER”, visite el sitio web de Yamaha.

Funciones avanzadas de reproducción

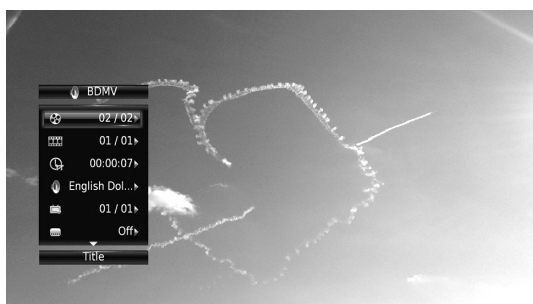
En este capítulo se explica la reproducción de discos Blu-ray Disc, DVD y CD de venta en el mercado, así como de discos DVD-RW/R grabados.

Nota

- Para conocer las funciones básicas de reproducción, consulte la página 7.

■ Menú en pantalla

Para mostrar el menú en pantalla, pulse **ON SCREEN**. A continuación, pulse **▲/▼/◀/▶** para seleccionar una opción y, después, pulse **ENTER** para utilizar la función deseada.



El menú en pantalla consta de las siguientes opciones.

Título **BD** **DVD** **VIDEO** : Muestra el número del título que se está reproduciendo. Puede ir al título deseado seleccionándolo desde esta opción.

Capítulo **BD** **DVD** **VIDEO** : Muestra el número del capítulo que se está reproduciendo. Puede ir al capítulo deseado seleccionándolo desde esta opción.

Pista/Archivo **CD** **VIDEO** **MUSIC** **PHOTO** : Muestra el número de la pista o archivo que se está reproduciendo. Puede ir a la pista o al archivo deseado seleccionándolo desde esta opción.

Hora **BD** **DVD** **CD** **VIDEO** **MUSIC** : Muestra el tiempo de reproducción. Seleccione el tipo de visualización entre las siguientes posibilidades:

- Tiempo de reproducción transcurrido del título, capítulo, disco, pista o archivo
- Tiempo de reproducción restante del título, capítulo, disco, pista o archivo

Modo/Modo de reproducción

DVD **CD** **VIDEO** **MUSIC** **PHOTO** : Muestra el modo de reproducción actual. Puede seleccionar uno de los modos de reproducción siguientes:

CD

- Normal: Reproducción normal.
- Shuffle: Reproducción aleatoria sin repetición.
- Aleatorio: Reproducción aleatoria con repetición.

DVD

- Normal
- Shuffle CH (capítulo)
- Shuffle TT (título)
- Shuffle All
- Aleatorio CH (capítulo)
- Aleatorio TT (título)
- Aleatorio All

VIDEO MUSIC PHOTO

- Normal
- Shuffle F (carpeta)
- Aleatorio F (carpeta)

Audio **BD** **DVD** **VIDEO** : Muestra el idioma/señal de audio del Blu-ray Disc/DVD seleccionado. Puede seleccionar el tipo de audio deseado.

Ángulo **BD** **DVD** : Muestra el número del ángulo seleccionado en ese momento. Si el vídeo se ha grabado con varios ángulos, puede cambiar el ángulo.

Subtítulo **BD** **DVD** **VIDEO** : Muestra el idioma de los subtítulos seleccionados actualmente si hay subtítulos.

Estilo subtítulos **BD** : Muestra el estilo de los subtítulos seleccionados. Esta función solo está disponible para subtítulos externos de archivo de vídeo. Puede seleccionar el estilo de texto deseado de los subtítulos.

Bitrate **BD** **DVD** **CD** **VIDEO** **MUSIC** : Muestra el bitrate de la señal de audio/vídeo.

Video secundario **BD** : Activa o desactiva PIP (pág. 7).

Audio Secundario **BD** : Activa o desactiva el audio secundario (pág. 7).

Búsqueda Ins

BD **DVD** **CD** **VIDEO** **MUSIC** : Salta 30 segundos.

Repetición Ins

BD **DVD** **CD** **VIDEO** **MUSIC** : Reproduce el contenido desde 10 segundos antes.

Seleccionar CC

BD **DVD** **VIDEO** : Define los subtítulos mostrados.

Pase de diapositivas PHOTO :

Muestra la velocidad del pase de diapositivas. Puede seleccionar la velocidad del pase de diapositivas entre Lento/Medio/Rápido.

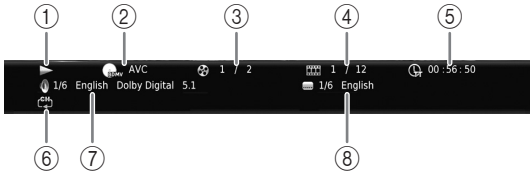
Transición **PHOTO** : Muestra cómo aparece la foto en la pantalla. Puede seleccionar el tipo de transición.

■ Menú de estado

Muestra varios ajustes, cómo los subtítulos, el ángulo y el número de título/capítulo/pista reproducido. Para mostrar el menú de estado, pulse **STATUS**. El menú de estado consta de los siguientes menús.

BD DVD VIDEO

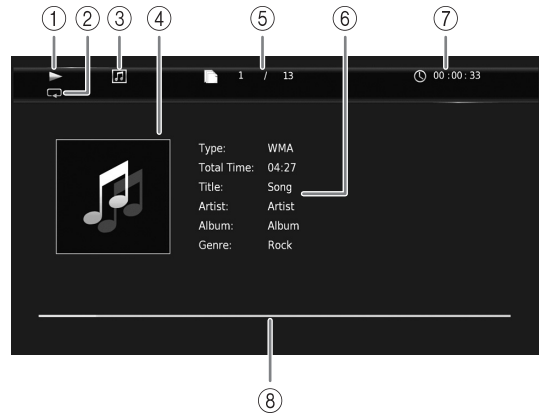
Ejemplo: Iconos cuando se reproduce un Blu-ray Disc



- ① **(Estado de reproducción)**
- ② **(Icono de tipo de disco/archivo de vídeo)**
- ③ **(Número de título que se reproduce):** Puede saltar al título especificado con la tecla **SEARCH** (pág. 8).
- ④ **(Número de capítulo que se reproduce):** Puede saltar al capítulo especificado con la tecla **SEARCH** (pág. 8).
- ⑤ **(Tiempo de reproducción transcurrido):** Puede saltar al punto especificado con la tecla **SEARCH** (pág. 8).
- ⑥ **(Modo repetición):** Muestra el modo repetición actual (pág. 7).
- ⑦ **(Audio seleccionado actualmente):** Puede cambiar el formato o idioma de audio con la tecla **AUDIO**.
- ⑧ **(Subtítulos seleccionados actualmente):** Puede cambiar el idioma de los subtítulos con la tecla **SUBTITLE**.

DVD CD MUSIC

Ejemplo: Iconos cuando se reproduce un archivo de música



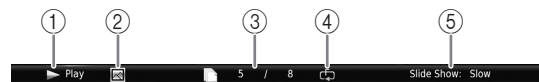
- ① **(Estado de reproducción)**
- ② **(Modo repetición):** Muestra el modo repetición actual (pág. 7).
- ③ **(Icono de tipo de disco/archivo de música)**
- ④ **(Gráficos) MUSIC:** Muestra gráficos si están contenidos en el archivo.
- ⑤ **(Número de pista/archivo que se reproduce):** Puede saltar a la pista especificada con la tecla **SEARCH** (pág. 8).
- ⑥ **(Información) MUSIC:** Muestra información musical si está contenida en el archivo.
- ⑦ **(Tiempo de reproducción transcurrido):** Puede saltar al punto especificado con la tecla **SEARCH** (pág. 8).
- ⑧ **(Barra de progreso) MUSIC:** Muestra el estado de progreso de la canción actual.

3

Reproducción

Español

PHOTO



- ① **(Estado de reproducción)**
- ② **(Icono de archivo de fotos)**
- ③ **(Número del archivo mostrado)**
- ④ **(Modo repetición):** Muestra el modo repetición actual (pág. 7).
- ⑤ **(Velocidad de pase de diapositivas)**

■ Programación de la reproducción **DVD** **CD**

Esta opción le permite programar el orden de reproducción de las pistas de un disco de audio o de los capítulos de un DVD.

Pulse **PROGRAM** durante la reproducción para mostrar la ventana PROGRAMA para programar el orden de reproducción.

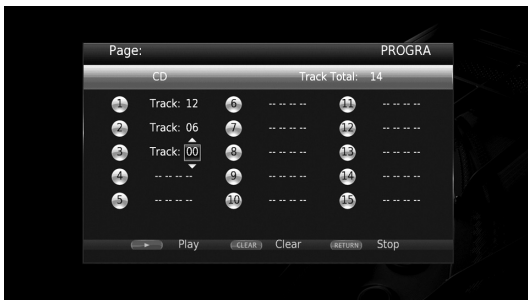
Puede programar hasta 15 pistas/capítulos.

Ejemplo: Programación del orden de reproducción de pistas de CD

- 1 Pulse **PROGRAM** durante la reproducción.



- 2 Pulse **ENTER** para programar el orden de reproducción.
En un disco de audio, pulse **▲/▼** para seleccionar una pista y, a continuación, pulse **ENTER**.
En un disco DVD-Video, seleccione un título (indicado como TT) y un capítulo (indicado como CH) en lugar de una pista.
Para borrar una pista configurada, seleccione la pista que desea borrar y, a continuación, pulse **CLEAR**.
Pulse **RETURN** para cancelar la reproducción del programa.



- 3 Una vez finalizada la programación, pulse **▶** para definir e iniciar la reproducción del programa.
- 4 Para cancelar la reproducción del programa, detenga la reproducción por completo pulsando **■**.

■ Uso de la búsqueda

BD **DVD** **CD** **VIDEO** **MUSIC** **PHOTO**

Esta opción le permite ir a un punto específico durante la reproducción.

- 1 Pulse **SEARCH** durante la reproducción. Aparece la barra de estado.
- 2 Pulse **▲/▼/◀/▶** para seleccionar una de las opciones siguientes y, a continuación, pulse **ENTER**.

BD **DVD** :

- Número de título (indicado con )
- Número de capítulo (indicado con )
- Tiempo de título transcurrido (indicado con )
- Tiempo de capítulo transcurrido (indicado con )

CD :

- Número de pista (indicado con )
- Tiempo de pista transcurrido (indicado con )
- Tiempo de disco transcurrido (indicado con )

VIDEO **MUSIC** :

- Número de archivo (indicado con )
- Tiempo de archivo transcurrido (indicado con )

PHOTO :

- Número de archivo (indicado con )

- 3 Pulse **▲/▼** o los botones numéricos para definir o ajustar el valor de la opción seleccionada y pulse **ENTER** para ir al punto especificado.
- 4 Para cerrar la barra de estado, pulse **STATUS**.

■ Uso de BONUSVIEW™ y BD-Live™

Este reproductor admite las funciones de reproducción de BONUSVIEW (pág. 38) (BD-ROM Perfil 1 versión 1.1) y BD-Live (pág. 38) (BD-ROM Perfil 2).

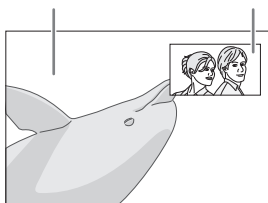
Nota

- Las funciones y el método de reproducción varían según el disco. Siga las indicaciones del disco o del manual de usuario suministrado.

■ Utilización de la función Imagen en Imagen (reproducción de audio/vídeo secundario)

El Vídeo BD que incluye audio y vídeo secundario compatible con Imagen en Imagen se puede reproducir con audio y vídeo secundario simultáneamente como un vídeo pequeño en la esquina.

Vídeo principal Vídeo secundario



Mientras se muestra Marca PIP (PIP) o Marca Audio Secundario (), pulse PIP para activar o desactivar la función Imagen en imagen.

Notas

- Para escuchar audio secundario, asegúrese de que el ajuste Salida de audio (HDMI) se ha definido en PCM o Recodificar (pág. 31).
- Dependiendo del disco, para escuchar audio secundario, es posible que tenga que activar el audio secundario desde el menú principal del disco (pág. 7).
- Dependiendo del contenido, el audio y el vídeo secundario para Imagen en Imagen pueden reproducirse y desaparecer automáticamente. Además, puede haber restricciones con respecto a las áreas que pueden reproducirse.

■ Utilización de la función BD-Live™

1. Ajuste la configuración de red (pág. 28).

2. Conecte el dispositivo de memoria USB al reproductor (pág. 14).

Los datos de BD-Live se guardan en un dispositivo de memoria USB conectado a este reproductor. Para utilizar estas funciones, conecte un dispositivo de memoria USB que admita USB 2.0 de alta velocidad (480 Mbit/s) a uno de los conectores USB (delantero/trasero) de este reproductor para utilizar el dispositivo de memoria USB como Almacenamiento Local.

- Almacenamiento Local se utiliza como memoria auxiliar cuando se reproduce un Blu-ray Disc.
- Utilice un dispositivo de memoria USB con, por lo menos, 2 GB de espacio libre.
- La carpeta BUDA se crea automáticamente en el dispositivo de memoria USB cuando es necesario.

- Si el espacio de almacenamiento es insuficiente, los datos no se copiarán/descargarán. Elimine datos innecesarios o utilice un dispositivo de memoria USB nuevo.
- La carga de los datos (lectura/escritura) puede llevar un tiempo.

Notas

- Yamaha no puede garantizar que los dispositivos de memoria USB de todas las marcas funcionen con este reproductor.
- No utilice un cable de extensión USB cuando conecte un dispositivo de memoria USB al conector USB del reproductor. El uso de un cable de extensión USB puede impedir que el reproductor funcione correctamente.

3. Reproduzca el disco.

4. Ejecute BD-Live siguiendo las instrucciones del disco.

Notas

- No retire el dispositivo de memoria USB ni desconecte el cable de alimentación durante el funcionamiento de BD-Live.
- En relación con el método de reproducción de contenido BD-Live, etc., lleve a cabo las operaciones de acuerdo con las instrucciones del manual del Blu-ray Disc.
- Para utilizar las funciones de BD-Live, realice la conexión de red (pág. 12) y la configuración de red (pág. 28).
- Consulte “Conexión BD-Live” (pág. 29) para obtener información sobre la configuración para restringir el acceso a contenido BD-Live.
- El tiempo que se necesita para descargar los programas ofrecidos al dispositivo de memoria USB conectado a este reproductor depende de las velocidades de conexión a Internet y del volumen de datos de los programas.
- Es posible que los programas BD-Live suministrados a través de Internet no puedan mostrar la conexión dependiendo del estado (actualización) del proveedor. En este caso, extraiga el disco y vuelva a intentarlo.
- Si la pantalla BD-Live no aparece durante un rato después de seleccionar la función BD-Live en el menú del Blu-ray Disc, es posible que el dispositivo de memoria USB no tenga suficiente espacio libre. En este caso, expulse el disco del reproductor y, a continuación, borre los datos del dispositivo de memoria USB utilizando el menú “Formato” de “Almacenamiento Local” (pág. 27).

Menú SETUP

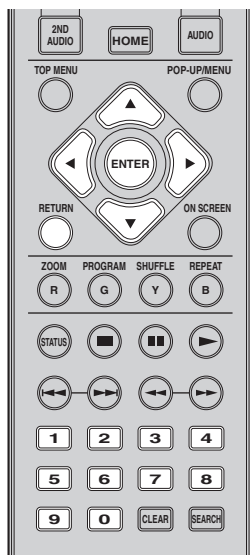
El menú SETUP permite realizar diversos ajustes y configuraciones audiovisuales en las funciones utilizando el mando a distancia.

Menú/submenú		Opción	Función	Página
 Configuración General	Sistema	Standby Automático	Activa o desactiva la función de ahorro de energía.	27
		Control HDMI	Configura el reproductor para que reciba la señal de control desde el mando a distancia de su televisor/receptor de A/V.	27
		Cargar configuracion por defecto	Restablece todos los ajustes a los valores predeterminados, excepto el ajuste Seguridad.	27
		Actualizar	Aplica la actualización del reproductor.	27
		Notificacion de actualización	Permite seleccionar si mostrar el mensaje en la pantalla cuando este reproductor detecta software más reciente a través de Internet.	27
		Almacenamiento Local	Muestra el espacio libre del dispositivo de memoria USB conectado a este reproductor, o formatea la carpeta “BUDA” en el dispositivo de memoria USB.	27
		Configuración Sencilla	Ajusta el idioma, la resolución y la relación de aspecto de la pantalla.	27
	Idioma	OSD	Selecciona el idioma del menú en pantalla.	27
		Menú	Permite dar prioridad al idioma del menú del disco.	28
		Audio	Permite dar prioridad al idioma del audio.	28
		Subtítulo	Permite dar prioridad al idioma de los subtítulos.	28
	Reproducción	Reproducción Automática Disco	Ajusta el reproductor para que inicie automáticamente la reproducción del disco.	28
		Marca de Angulo	Permite mostrar la Marca de Angulo cuando se reproduce Blu-ray Disc/DVD con varios ángulos.	28
		Marca PIP	Permite mostrar la Marca PIP cuando se reproduce Blu-ray Disc/DVD con Imagen en Imagen.	28
		Marca Audio Secundario	Permite mostrar la Marca Audio Secundario cuando se reproduce Blu-ray Disc/DVD con audio secundario.	28
		Memoria última	Configura este reproductor para que recuerde la última posición de reproducción de un disco (vídeo Blu-ray o DVD) cuando se pone en modo de espera o si se abre la bandeja portadiscos.	28
	Seguridad	Cambiar Contraseña	Permite cambiar la contraseña de Control Paterno y Código de país.	28
		Control Paterno	Establece el Control Paterno en función del contenido del disco.	28
		Código de país	Establece el Código de país.	28
	Red	Configuración de conexión	Permite definir un método de conexión de red.	28
		Información	Muestra la pantalla de información de red.	28
		Prueba de conexión	Realiza la prueba de conexión de red.	29
		Configuración IP	Permite definir la configuración IP en Auto/Manual.	29
		Configuración Proxy	Permite definir la configuración proxy.	29
		Control de Red	Permite definir el control de los dispositivos conectados a través de Ethernet entre Activar/Desactivar.	29
		Standby de red	Permite seleccionar si este reproductor se puede activar desde otros dispositivos de red.	29
		Control DMC	Permite seleccionar si permitir que el Controlador multimedia digital (DMC) compatible con DLNA (pág. 13) controle este reproductor.	29
		Conexión BD-Live	Permite definir la conexión BD-Live en Autorizada/ Permitida Parcialmente/Prohibido.	29

Menú/submenú		Opción	Función	Página
 Configuración de pantalla	TV	Pantalla de TV	Ajusta la relación de aspecto de la pantalla del televisor conectado y ajusta la salida de vídeo.	29
		Resolución HDMI	Permite seleccionar la resolución de salida de vídeo HDMI.	30
		Sistema de TV	Permite seleccionar el sistema de TV entre NTSC/PAL/Multi.	30
		Color Space	Permite seleccionar Color Space entre YCbCr 4:4:4/YCbCr 4:2:2/Full RGB/RGB.	30
		HDMI Deep Color	Permite seleccionar HDMI Deep Color entre 30 bits/36 bits/48 bits/Desactivar.	30
		HDMI 1080p 24Hz	Activa o desactiva HDMI 1080p 24Hz.	30
	Procesamiento de Video	Reducción de ruido	Ajusta el nivel de Reducción de ruido.	30
		Modo desentrelazado	Ajusta cómo detectar la señal de vídeo.	30
	Subtítulos	Atributo CC	Ajusta el aspecto de los subtítulos.	30
		Color Fuente Tamaño fuente Estilo fuente Opacidad fuente Borde fuente Color borde fuente Color BG Opacidad BG Color ventana Opacidad ventana	Personaliza la fuente, el fondo y la ventana utilizados para los subtítulos cuando Atributo CC se define en Personalizado.	30
 Configuración de audio	Salida de audio	HDMI	Permite seleccionar el modo de salida del terminal HDMI entre Bitstream/PCM/Recodificar/Desactivar.	31
		DRC	Define el valor de DRC (Compresión de gama dinámica).	31
 Sistema de Información			Muestra la versión de software y la dirección MAC (pág. 39).	31

■ Ejemplo de funcionamiento del menú **SETUP**

Debe acceder a la pantalla del menú **SETUP** para realizar ajustes en el reproductor. A continuación se explican las operaciones básicas del menú **SETUP**.



Ejemplo: Configuración de Reproducción Automática Disco

Nota

- Algunas opciones no se pueden ajustar durante la reproducción. En este caso, pulse para detener la reproducción completamente antes de realizar el ajuste.

1. Muestre la pantalla del menú **SETUP**.

Pulse **HOME** y seleccione **SETUP** para mostrar la pantalla del menú **SETUP**.

Pulse para seleccionar Configuración General y, a continuación, pulse **ENTER** o .

2. Seleccione un submenú.

Pulse / para seleccionar Reproducción y, a continuación, pulse **ENTER** o el cursor .

3. Seleccione una opción del menú.

Pulse / para seleccionar Reproducción Automática Disco y, a continuación, pulse **ENTER** o el cursor .



4. Seleccione el ajuste deseado.

Pulse / para seleccionar Activar o Desactivar y, a continuación, pulse **ENTER**.



Consejo

- Debe utilizar los botones numéricos para introducir números (como una contraseña) para algunas opciones del menú.

5. Salga de la pantalla del menú.

Pulse para volver al menú anterior.

■ Configuración General



Los ajustes predeterminados están marcados con “*”.

Sistema

Standby Automático

Activa o desactiva la función de ahorro de energía. Cuando se activa, el reproductor pasará al modo de protector de pantalla si no se utiliza durante 5 minutos. Posteriormente, el reproductor pasará al modo de espera cuando no se utilice durante 15 minutos.

Activar*, Desactivar

Control HDMI

Puede ajustar el reproductor para que reciba una señal de control desde un televisor/receptor de A/V compatible con la función Control HDMI a través de un cable HDMI (pág. 10).

Activar, Desactivar*

Uso de la función Control HDMI

Con la función Control HDMI, puede controlar de forma interactiva este reproductor con su televisor (si es compatible con la función Control HDMI). Cuando se conecta el reproductor a un televisor compatible con la función Control HDMI mediante un cable HDMI y se activa el Control HDMI en el menú **SETUP** (pág. 27), pueden realizarse las funciones indicadas a continuación.

- **Función de selección de entrada automática**
Cuando inicie la reproducción en este reproductor, el selector de entrada del televisor (y de un receptor A/V si este reproductor está conectado con el televisor mediante un receptor A/V) pasará automáticamente a este reproductor. La alimentación del televisor se enciende automáticamente dependiendo del televisor.
- **Función de apagado automático**
Si apaga el televisor cuando este reproductor está en modo de parada y no se visualiza la pantalla del menú **SETUP**, este reproductor también se apagará automáticamente.

Notas

- Es posible que la función Control HDMI no funcione correctamente dependiendo del televisor.
- Otras funciones, aparte de las que se han mencionado anteriormente, pueden funcionar según el televisor o receptor A/V.
- Para poder utilizar la función Control HDMI, configure los ajustes de la función Control HDMI en **TODOS** los componentes (este reproductor, el televisor y el receptor de A/V). Es posible que también sean necesarias determinadas operaciones.
- Cada función se puede configurar de forma independiente para que se active o desactive según el televisor.
- Consulte los detalles relacionados con la configuración en los manuales de funcionamiento que se proporcionan con el televisor y/o el receptor A/V.
- Cuando está activado, el consumo de energía durante el modo de espera aumenta por la función Control HDMI.

Cargar configuración por defecto

Puede restablecer todos los ajustes de este reproductor al ajuste predefinido, excepto el ajuste Seguridad (pág. 28). Para obtener información sobre los ajustes predeterminados, consulte las páginas 24–31.

Actualizar

Puede actualizar el software manualmente desde Almacenamiento USB o Red. Para obtener información sobre la actualización de software, consulte “Actualización de software” (pág. 34).

Notificación de actualización

Puede seleccionar si mostrar el mensaje en la pantalla cuando este reproductor detecta software más reciente a través de Internet.

Activar*, Desactivar

Almacenamiento Local

Puede comprobar el espacio libre del dispositivo de memoria USB conectado a este reproductor, o formatear (vacía) la carpeta “BUDA” en el dispositivo de memoria USB conectado a este reproductor seleccionando Formato.

Consejo

- Para utilizar la función BD-Live (pág. 23), necesita conectar un dispositivo de memoria USB (con, por lo menos 2 GB de espacio libre) a uno de los conectores USB (delantero/trasero) de este reproductor para utilizar el dispositivo de memoria USB como Almacenamiento Local.

Configuración Sencilla

Puede realizar la Configuración Sencilla (pág. 15).

Idioma

OSD

Puede seleccionar el idioma de pantalla, es decir, del menú o los mensajes mostrados en pantalla como, por ejemplo, el menú **SETUP**.

English, Français, Español, Deutsch, Italiano, Svenska, Nederlandse, Polski, Русский, 中文

Menú

Puede dar prioridad al idioma del menú del disco.

English, Français, 中文, Español, Deutsch, Italiano, Nederlandse, Português, Danés, Svenska, Finlandés, Noruego, Polski, Русский, Corea, Japonés, Más

Audio

Puede dar prioridad al idioma del audio para la reproducción de Blu-ray Disc/DVD. Para obtener información sobre la configuración de las opciones, consulte “Menú” (pág. 28).

Subtítulo

Puede dar prioridad al idioma de los subtítulos.

English, Français, 中文, Español, Deutsch, Italiano, Nederlandse, Português, Danés, Svenska, Finlandés, Noruego, Polski, Русский, Corea, Japonés, Más, Desactivar

(Los ajustes predeterminados de [Idioma] varían en función del modelo).

Reproducción

Reproducción Automática Disco

Puede activar o desactivar la Reproducción Automática Disco. Cuando se activa, el disco se reproducirá automáticamente después de cargarlo.

Activar*, Desactivar

Marca de Angulo

Puede mostrar la Marca de Angulo () cuando se reproduce Blu-ray Disc/DVD con varios ángulos.

Activar*, Desactivar

Marca PIP

Puede definir la visualización de la Marca PIP () cuando se reproducen Blu-ray Disc con Imagen en Imagen (pág. 23).

Activar*, Desactivar

Marca Audio Secundario

Puede definir la visualización de la Marca Audio Secundario () cuando se reproducen Blu-ray Disc con audio secundario.

Activar*, Desactivar

Memoria última

Puede configurar este reproductor para que recuerde la última posición de reproducción de un disco (vídeo Blu-ray o DVD) cuando se pone en modo de espera o se abre la bandeja portadiscos.

Activar*, Desactivar

Nota

- Algunos discos no son compatibles con esta función.

Seguridad

Cambiar Contraseña

Puede definir la contraseña para cambiar el nivel de Control Paterno y el Código de país. Consulte “Control Paterno” (pág. 28) y “Código de país” (pág. 28).

Notas

- La contraseña predeterminada es 0000.
- Si olvida la contraseña, consulte “Resolución de problemas” (pág. 35) y restaure todos los ajustes predeterminados de Seguridad.

Control Paterno

En algunos Blu-ray Disc/DVD, existe un nivel de control para la visualización del disco en función de la edad del espectador. Puede definir el Control Paterno mostrado en pantalla en función del contenido del disco.

Es necesario introducir la contraseña (consulte “Cambiar Contraseña” en pág. 28) antes de ajustar los niveles de Control Paterno.

Después de ajustar el Control Paterno, si reproduce un disco con un nivel más alto del nivel de Control Paterno actual o si desea cambiar el nivel de Control Paterno, aparecerá un cuadro de diálogo solicitando que introduzca la contraseña.

Desactivar*, 1–8

Código de país

Puede ajustar el Código de país del estado en el que vive. Es necesario introducir la contraseña (consulte “Cambiar Contraseña” en pág. 28) antes de ajustar el Código de país. Este parámetro puede utilizarse para la calificación de Control Paterno y reproducción de discos.

Red

Configuración de conexión

Permite seleccionar un método de conexión de red.

Cableado*	Se conecta a la red mediante Ethernet.
Inalámbrico	Se conecta a la red mediante una conexión LAN inalámbrica. Permite seleccionar la configuración para una conexión LAN inalámbrica. Siga las instrucciones en pantalla para llevar a cabo la operación.
Buscar Redes	Busca un punto de acceso. Permite conectarse al punto de acceso encontrado.
Manual	Permite configurar la información manualmente para un punto de acceso.
Auto	Si su punto de acceso admite la función WPS (Wi-Fi Protected Setup), puede utilizar el método de configuración automática para conectar este reproductor al punto de acceso sin necesidad de introducir información manualmente. Seleccione PBC (configuración de botón de comando) o el método de código PIN.

Información

Puede mostrar la pantalla de información de red. En esta pantalla puede ver la información de Interfaz (Ethernet), Tipo de dirección, Dirección IP, Máscara de subred, Default Gateway y DNS.

Prueba de conexión

Puede realizar una prueba de conexión a Internet. Si la prueba falla, compruebe la “Configuración IP” (pág. 29) y vuelva a realizar la prueba.

Configuración IP

Puede configurar los ajustes de red.

- Auto*** Seleccione este valor para configurar automáticamente los ajustes de red de este reproductor con el servidor DHCP.
- Manual** Seleccione este valor para realizar la configuración de red (Dirección IP, Máscara de subred, Default Gateway y DNS) manualmente.

Consejos

- **Numeric keys** Permiten introducir caracteres.
- **◀/▶** Permiten cambiar la opción resaltada.
- **CLEAR** Permite eliminar un carácter.
- **ENTER** Permite guardar los ajustes y salir del menú.

Configuración Proxy

Puede definir Configuración Proxy. Ajuste la opción en Desactivar para un uso normal. Seleccione Permitir para definir la configuración del proxy.

- Desactivar*** Desactiva el servidor proxy. Seleccione esta opción cuando no utilice el servidor proxy.
- Permitir** Activa los ajustes del host y el puerto proxy.
- Host Proxy** Define el host proxy.
- Puerto proxy** Define el puerto proxy.

Control de Red

Permite definir el control de los dispositivos conectados a través de Ethernet entre Activar/Desactivar. Cuando se selecciona Activo con Filtro, puede especificar las direcciones MAC de los dispositivos de red que podrán acceder a este reproductor. Este reproductor utiliza Yamaha Network Control protocol (YNC).

Activar*, Activo con Filtro, Desactivar

Notas

- Cuando Control de Red está activado, el consumo de energía durante el modo de espera aumenta por la función de control de red.
- Cuando está activado en Activar, se reduce el tiempo de inicio del sistema.

Standby de red

Puede seleccionar si este reproductor se puede activar desde otros dispositivos de red como “AV CONTROLLER” (pág. 19).

Activar, Desactivar*

Nota

- Este ajuste solo está disponible si Control de Red está activado.

Control DMC

Puede seleccionar si permitir que el Controlador multimedia digital (DMC) compatible con DLNA (pág. 13) controle este reproductor.

Permitir*, Desactivar

Conexión BD-Live

Puede definir la restricción de acceso al contenido de BD-Live.

- Autorizada** Permite que todos los discos de BD-Live se conecten a la red.
- Permitida Parcialmente*** Permite utilizar únicamente los discos con certificación de propietario.
- Prohibido** Prohíbe que todos los discos de BD-Live se conecten a la red.

Configuración de pantalla



Los ajustes predeterminados están marcados con “*”.

TV

Pantalla de TV

Puede ajustar la relación de aspecto de la pantalla del televisor conectado y configurar la salida de vídeo. Si cambia de televisor (por ejemplo, porque ha adquirido uno nuevo), y la relación de aspecto de la pantalla del televisor conectado cambia, también tendrá que cambiar el ajuste de Pantalla de TV.

- 16:9 Lleno** Selecciónelo cuando conecte el reproductor a un televisor con pantalla 16:9. Cuando se reproduce vídeo con una relación de aspecto 4:3, el vídeo se muestra como aparece en la ilustración.
- 16:9 Normal*** Selecciónelo cuando conecte el reproductor a un televisor con pantalla 16:9. Cuando se reproduce vídeo con una relación de aspecto 4:3, el vídeo se muestra como aparece en la ilustración.
- 4:3 Panorámico** Selecciónelo cuando conecte el reproductor a un televisor con pantalla 4:3. Cuando se reproduce vídeo con una relación de aspecto 16:9, el vídeo se muestra como aparece en la ilustración.
- 4:3 Buzón** Selecciónelo cuando conecte el reproductor a un televisor con pantalla 4:3. Cuando se reproduce vídeo con una relación de aspecto 16:9, el vídeo se muestra como aparece en la ilustración.

Tamaño de imagen original	En un televisor 16:9 (pantalla panorámica)	
	16:9 Lleno	16:9 Normal
 4:3	 16:9 Lleno	 16:9 Normal

Tamaño de imagen original	En un televisor 4:3	
	4:3 Panorámico	4:3 Buzón
 16:9	 4:3 Panorámico	 4:3 Buzón

Resolución HDMI

Puede seleccionar la resolución de salida de vídeo HDMI. Para obtener más información sobre los formatos de salida, consulte “Acerca de los formatos de salida de vídeo HDMI” (pág. 33).

Cuando se define en Auto, la resolución se ajusta a la resolución máxima según el televisor conectado. Cuando se define en Disco Original, se utiliza la resolución y frecuencia de vídeo original grabada en el Blu-ray Disc o DVD que se reproduce. Puede utilizar la función de conversión de vídeo de un dispositivo externo. Si se reproduce un disco que no sea Blu-ray Disc ni DVD, la resolución y la frecuencia de vídeo funcionarán como Auto.

Si se reproduce un Blu-ray Disc o DVD cuya resolución y frecuencia de vídeo no son compatibles con el televisor conectado, no se verá ninguna imagen. En este caso, detenga la reproducción y seleccione una opción que no sea Disco Original.

Auto*, Disco Original, 480i/576i, 480p/576p, 720p, 1080i, 1080p

Nota

- Para emitir audio HD (Dolby TrueHD o DTS-HD Master Audio) desde un terminal HDMI, configure Resolución HDMI en Auto o un ajuste superior a 720p.

Sistema de TV

Puede seleccionar el valor de Sistema de TV entre PAL, NTSC y Multi. Ajuste el mismo valor de Sistema de TV que su televisor. Para obtener más información sobre los formatos de salida, consulte “Acerca de los formatos de salida de vídeo HDMI” (pág. 33).

NTSC, PAL, Multi

(El ajuste predeterminado varía en función del modelo.)

Color Space

Puede seleccionar la salida Color Space (pág. 38) desde HDMI. Esta función está disponible cuando el reproductor se conecta con un cable HDMI.

YCbCr 4:4:4* Define Color Space en YCbCr 4:4:4.

YCbCr 4:2:2 Define Color Space en YCbCr 4:2:2.

Full RGB Si ha configurado RGB y el blanco y negro de la pantalla están demasiado difuminados, seleccione esta opción. Esta opción se aplica si un componente conectado admite el intervalo RGB 0–255.

RGB Permite la salida de la señal de vídeo con el rango normal de señal.

Nota

- Esta función solo está disponible en televisores que admitan dicha función.

HDMI Deep Color

Si su televisor y/o receptor de A/V es compatible con Deep Color (pág. 38), ajuste esta opción según su televisor o receptor de A/V. Esta función está disponible cuando el reproductor se conecta con un cable HDMI.

30 bits, 36 bits, 48 bits, Desactivar*

HDMI 1080p 24Hz

Permite la salida de vídeo BD codificado con una relación de cuadro de 24 Hz en HDMI 1080p 24Hz. Con esta función es posible que disfrute de una reproducción de vídeo más fluida. Esta función está disponible si su televisor o receptor de A/V admite dicha función. Para obtener más información sobre los formatos de salida, consulte “Acerca de los formatos de salida de vídeo HDMI” (pág. 33).

Auto*, Desactivar

Nota

- Este parámetro se desactiva cuando la resolución de salida es diferente de 1080p.

Procesamiento de Video

Reducción de ruido

Puede configurar la Reducción de ruido en un nivel entre 0 y 3. 0 equivale a desactivado y 3 es el nivel máximo.

0, 1, 2*, 3

Modo desentrelazado

Puede seleccionar cómo detectar la señal de vídeo. Ajuste la opción en Auto para un uso normal. Cuando aparece en la pantalla un ruido de desgarro horizontal, configure esta opción en Película/Vídeo para eliminar el ruido.

Auto*, Película, Vídeo

Subtítulos

Atributo CC

Puede ajustar el aspecto de los subtítulos. Cuando se ha seleccionado Auto, los subtítulos digitales se mostrarán en la configuración predeterminada. Cuando se ha seleccionado Personalizado, puede personalizar el aspecto de los subtítulos (Color Fuente, Tamaño fuente, etc.) manualmente.

Auto*, Personalizado

Color Fuente, Tamaño fuente, Estilo fuente, Opacidad fuente, Borde fuente, Color borde fuente, Color BG, Opacidad BG, Color ventana, Opacidad ventana

Personaliza la fuente, el fondo y la ventana utilizados para los subtítulos cuando Atributo CC se define en Personalizado.

■ Configuración de audio



Los ajustes predeterminados están marcados con “*”.

Salida de audio

HDMI

Puede seleccionar el modo de salida del terminal HDMI. Para obtener más información sobre los formatos de salida, consulte “Acerca de los formatos de salida de audio” (pág. 32).

Bitstream*	Permite la salida de la señal digital sin ningún procesamiento. No se produce la salida del audio secundario.
PCM	Permite la salida de PCM de 2 canales.
Recodificar	Permite la salida de Bitstream con audio secundario.
Desactivar	Silencia el sonido.

Nota

- Para emitir audio HD (Dolby TrueHD o DTS-HD Master Audio) desde un terminal HDMI, configure Resolución HDMI en Auto o un ajuste superior a 720p (pág. 30).

DRC

Puede activar o desactivar el valor de DRC (Compresión de gama dinámica) (pág. 38) o definirlo en Auto. Al seleccionar Auto, DRC se activa automáticamente en una fuente con información de DRC en formato Dolby TrueHD. DRC hace que los sonidos fuertes como los sonidos oclusivos se escuchen menos y que las conversaciones sean más audibles. Resulta útil cuando se ven películas de noche.

Desactivar, Activar, Auto*

■ Sistema de Información



Se muestran la versión del software y la dirección MAC (pág. 39).

■ Acerca de los formatos de salida de audio

Formato de origen		HDMI		
		Bitstream	PCM	Recodificar
PCM 2 canales	con SA o BCS*1	PCM 2 canales		Dolby Digital
	sin SA o BCS*1	PCM 2 canales		
PCM 5.1 canales	con SA o BCS*1	PCM 5.1 canales		Dolby Digital
	sin SA o BCS*1	PCM 5.1 canales		
PCM 7.1 canales	con SA o BCS*1	PCM 7.1 canales		Dolby Digital
	sin SA o BCS*1	PCM 7.1 canales		
Dolby Digital	con SA o BCS*1	Dolby Digital	PCM hasta 5.1 canales	Dolby Digital
	sin SA o BCS*1			
Dolby Digital Plus	con SA o BCS*1	Dolby Digital Plus	PCM hasta 7.1 canales	Dolby Digital
	sin SA o BCS*1			Dolby Digital Plus
Dolby TrueHD	con SA o BCS*1	Dolby TrueHD	PCM hasta 7.1 canales	Dolby Digital
	sin SA o BCS*1			Dolby TrueHD
DTS	con SA o BCS*1	DTS	PCM hasta 5.1 canales*2	DTS*3
	sin SA o BCS*1			
DTS HD High Resolution	con SA o BCS*1	DTS-HD High Resolution	PCM hasta 5.1 canales*2 (descodificación de núcleo)	DTS*3
	sin SA o BCS*1			DTS-HD High Resolution*3
DTS-HD Master Audio	con SA o BCS*1	DTS-HD Master Audio	PCM hasta 5.1 canales*2 (descodificación de núcleo)	DTS*3
	sin SA o BCS*1			DTS-HD Master Audio*3

*1 “SA” es audio secundario. “BCS” es el sonido de clic del botón, el efecto de sonido de los menús emergentes, etc.

*2 Para USB, DLNA y servicios de red, PCM no está disponible (silenciado).

*3 Para USB, DLNA y servicios de red, Recodificar no está disponible (el audio de salida tendrá el mismo formato que bitstream).

Notas

- Si HDMI se define en Bitstream, no se emite el audio secundario. (pág. 31)
- Para emitir audio HD (Dolby TrueHD o DTS-HD Master Audio) desde un terminal HDMI, configure Resolución HDMI en Auto o un ajuste superior a 720p (pág. 30).

■ Acerca de los formatos de salida de vídeo HDMI

Si Sistema de TV se define en NTSC

Índice	Resolución HDMI						
	Auto	Disco Original	1080p	1080i	720p	480p/576p	480i/576i
BD-Video con contenido 1080p/24 Hz	*1	1080p 24 Hz	1080p 24 Hz/ 60 Hz *3	1080i 60 Hz	720p 60 Hz	480p	480i
BD-Video sin contenido 1080p/24 Hz	*1	*2	1080p 60 Hz	1080i 60 Hz	720p 60 Hz	480p	480i
DVD-Video	*1	*2	1080p 60 Hz	1080i 60 Hz	720p 60 Hz	480p	480i
Otros	*1	*1	1080p 60 Hz	1080i 60 Hz	720p 60 Hz	480p	480i

Si Sistema de TV se define en PAL

Índice	Resolución HDMI						
	Auto	Disco Original	1080p	1080i	720p	480p/576p	480i/576i
BD-Video con contenido 1080p/24 Hz	*1	1080p 24 Hz	1080p 24 Hz/ 50 Hz *3	1080i 50 Hz	720p 50 Hz	576p	576i
BD-Video sin contenido 1080p/24 Hz	*1	*2	1080p 50 Hz	1080i 50 Hz	720p 50 Hz	576p	576i
DVD-Video	*1	*2	1080p 50 Hz	1080i 50 Hz	720p 50 Hz	576p	576i
Otros	*1	*1	1080p 50 Hz	1080i 50 Hz	720p 50 Hz	576p	576i

*1 La resolución se ajustará en la resolución máxima admitida por el televisor conectado. Por ejemplo, si la resolución máxima admitida por el televisor conectado es de 1080p, se ajustará la resolución 1080p.

*2 La resolución y la frecuencia serán las del disco de origen.

*3 Si Auto está ajustado en HDMI 1080p 24Hz y el televisor conectado admite el contenido 1080p 24 Hz, se emitirá 1080p 24 Hz en lugar de 1080p 50/60 Hz.

Si Sistema de TV se define en Multi

Si Sistema de TV está configurado como Multi, la salida de la señal de vídeo tiene la misma frecuencia que la fuente. Consulte las tablas anteriores para obtener información sobre la configuración de frecuencia del televisor y la resolución de la señal de vídeo de salida.

Notas

- El ajuste HDMI 1080p 24Hz se desactiva cuando la resolución de salida es diferente de 1080p.
- Cuando Sistema de TV se define en NTSC y la fuente de vídeo no es 60 Hz, la señal de salida de vídeo se convierte a 60 Hz.
- Cuando Sistema de TV se define en PAL y la fuente de vídeo no es 50 Hz, la señal de salida de vídeo se convierte a 50 Hz.

Actualización de software

El nuevo software que proporciona características adicionales o mejoras del producto se comercializará según sea necesario. Se recomienda actualizar periódicamente el software de este reproductor a la versión más reciente.

Para comprobar la disponibilidad de una actualización de software, visite <http://download.yamaha.com/>

Nota

- No extraiga el dispositivo de memoria USB, no ponga el reproductor en modo de espera ni desenchufe el cable de alimentación o el cable de red mientras se lleva a cabo la actualización de software.

■ Actualización del software

1. Prepárese para la actualización de software.

Si actualiza el software desde Almacenamiento USB:

- ① Guarde el paquete de archivos de actualización en la carpeta correspondiente del dispositivo de memoria USB. Para obtener más información, consulte el documento de procedimientos adjunto con el paquete de archivos de actualización.
- ② Conecte el dispositivo de memoria USB.

Si actualiza el software desde la red:

Compruebe que el reproductor está conectado a la red.

3. Actualice el software siguiendo las indicaciones de los mensajes que aparecen en pantalla.

La actualización se ha completado. El sistema se reiniciará.

2. Seleccione el método de actualización e inicie la actualización desde el menú SETUP.

- ① Pulse **HOME** para mostrar la pantalla del menú HOME.
- ② Seleccione **SETUP** → Configuración General → Sistema → Actualizar.
- ③ Seleccione el elemento que contiene el paquete de archivos de actualización desde Almacenamiento USB/Red.



El sistema buscará el paquete de archivos de actualización.

Resolución de problemas

Consulte la tabla que aparece a continuación cuando el reproductor no funcione correctamente. Si el problema que tiene no aparece en la lista siguiente o las instrucciones no le sirven de ayuda, apague este reproductor, desenchufe el cable de alimentación y póngase en contacto con el centro de servicio o concesionario Yamaha autorizado más cercano.

■ Alimentación

Problema	Posibles causas y soluciones
No hay alimentación.	– Conecte correctamente el cable de alimentación de CA. – Pulse  en el panel delantero para encender la alimentación.
La alimentación del reproductor está apagada.	– Este reproductor se apagará automáticamente después de 20 minutos de inactividad (sin reproducción) si se ha activado el Standby Automático (pág. 27).

■ Funcionamiento básico

Problema	Posibles causas y soluciones
El mando a distancia no funciona.	– Utilice el mando a distancia dentro de su alcance operativo. (pág. 9) – Cambie las pilas. (pág. 9)
Los botones no funcionan.	– Mantenga pulsado  en el panel delantero durante más de 5 segundos para reiniciar este reproductor. – Para reiniciar completamente el reproductor, desenchufe el cable de alimentación de la toma de CA durante 30 segundos o más, vuelva a enchufarlo y, a continuación, encienda el reproductor.
He olvidado la contraseña.	– Mantenga pulsado , ,  y  en el panel delantero simultáneamente sin ningún disco insertado y con la reproducción parada para restaurar los valores predeterminados de todos los ajustes, incluidos los ajustes de Seguridad (pág. 28). Una vez que la alimentación se desconecte automáticamente, pulse  para volver a activarla.

■ Reproducción de disco

Problema	Posibles causas y soluciones
El reproductor no puede reproducir un disco.	– Extraiga el disco y límpielo. (pág. 4) – Asegúrese de que se ha cargado correctamente el disco (alineado en la bandeja portadiscos y con la cara de la etiqueta hacia arriba). (pág. 4) – Utilice un disco admitido por el reproductor. (pág. 3) – Extraiga el disco y compruebe si es un disco admitido por el reproductor o no. (pág. 3) – Compruebe el código de región. (pág. 3) – Compruebe si el disco es defectuoso probando con otro disco. – Los discos CD-R/RW, DVD+R/RW/R DL y DVD-R/RW/R DL deben estar finalizados. (pág. 3)
El vídeo se para.	– El reproductor se parará si detecta golpes o vibraciones.
El reproductor hace un sonido de chasquido cuando comienza la reproducción o al cargar un disco.	– Estos sonidos no son síntoma de avería sino parte del funcionamiento normal del reproductor.
La reproducción del Blu-ray Disc tarda en iniciarse.	– Este reproductor busca un dispositivo de memoria USB utilizado como Almacenamiento Local para la función BD-Live (pág. 23) cuando se carga un Blu-ray Disc. Para reducir el tiempo de espera, mantenga un dispositivo de memoria USB conectado a uno de los conectores USB (delantero/trasero) de este reproductor (pág. 14).

5

Información adicional

Español

■ Imagen

Problema	Posibles causas y soluciones
No hay imagen.	- Asegúrese de que los cables están correctamente conectados. (pág. 10) - Asegúrese de que el televisor o receptor de A/V conectado está ajustado a la entrada correcta. - Sin ningún disco cargado o con la reproducción parada, mantenga pulsados los botones ,  y  del panel delantero simultáneamente para restaurar el valor predeterminado de la resolución del vídeo. - Si sigue sin aparecer la imagen, mantenga pulsado el botón  del panel delantero durante unos 5 segundos para activar NTSC/PAL. - Si está ajustado en Disco Original, se emite una señal no compatible con el televisor conectado. Cambie el ajuste para emitir una señal compatible con el televisor conectado. (pág. 30) - Asegúrese de que el disco o archivo que está intentando reproducir es compatible con este reproductor (pág. 3).
La pantalla se congela y los botones de control no funcionan.	- Pulse  y, después, reinicie la reproducción. - Desconecte la alimentación y conéctela de nuevo. - Mantenga pulsado  en el panel delantero durante más de 5 segundos para reiniciar este reproductor.
La salida de vídeo no tiene la resolución deseada.	Ajuste la resolución deseada. (pág. 30)
El vídeo de pantalla ancha aparece estirado verticalmente o aparecen bandas negras en las partes superior e inferior de la pantalla. O el vídeo 4:3 aparece estirado horizontalmente.	Cambie la relación de aspecto del televisor. (pág. 29)
Aparece ruido cuadrado (mosaicos) en la pantalla.	Es posible que aparezcan bloques en las imágenes en escenas con movimientos rápidos debido a las características de la tecnología de compresión de imagen digital.

■ Sonido

Problema	Posibles causas y soluciones
No se escucha el sonido o está distorsionado.	- Compruebe que el cable de audio está correctamente conectado. (pág. 10) - Suba el volumen del televisor o del receptor de A/V. - No se escucha sonido durante el modo de reproducción fija, avance rápido y retroceso rápido. (pág. 8) - Es posible que el audio no se escuche dependiendo del estado de grabación del audio, por ejemplo, si el contenido de audio grabado no es de señal de audio o es audio no estándar. (pág. 3) - Asegúrese de que el disco o archivo que está intentando reproducir es compatible con este reproductor (pág. 3).
Los canales de audio izquierdo y derecho están invertidos o el sonido solo sale por uno de ellos.	Compruebe la conexión de audio. (pág. 10)
No se puede escuchar el tipo de audio que se desea y/o el número de canales.	Consulte el ajuste Salida de audio y "Acerca de los formatos de salida de audio". (pág. 31, pág. 32)
No se escucha el sonido de PIP (audio secundario).	- Defina HDMI en PCM/Recodificar. (pág. 31) - Para escuchar el audio secundario, pulse 2ND AUDIO. (pág. 7) - Dependiendo del disco, es posible que tenga que activar el audio secundario en el menú principal del disco (pág. 7).

■ Red

Problema	Posibles causas y soluciones
No se puede conectar a Internet.	- Cuando se conecte a Internet seleccionando Cableado en Configuración de conexión, conecte el cable de red correctamente. (pág. 28) - Encienda el equipo conectado como, por ejemplo, un módem o router de banda ancha. - Conecte correctamente el módem y/o el enrutador de banda ancha. - Si Inalámbrico está seleccionado en Configuración de conexión y se conecta a Internet mediante Ethernet, seleccione Cableado correctamente. (pág. 28) - Seleccione correctamente Inalámbrico en Configuración de conexión si quiere conectarse a Internet mediante una LAN inalámbrica. (pág. 28)

Problema	Posibles causas y soluciones
No se pueden descargar contenidos BD-Live.	– Verifique que este reproductor se puede conectar a Internet normalmente. Consulte “Prueba de conexión”. (pág. 29) – Conecte el dispositivo de memoria USB correctamente. Compruebe que el dispositivo de memoria USB está conectado al conector USB del reproductor. (pág. 14) – Compruebe si el Blu-ray Disc admite BD-Live. – Conecte el dispositivo de memoria USB con formato FAT16, FAT32 o NTFS. – Se recomienda conectar el dispositivo de memoria USB con, por lo menos, 2 GB de espacio libre. Si no hay suficiente espacio libre, formatee el dispositivo de memoria USB. (pág. 27) – Consulte el manual del usuario suministrado con el disco o póngase en contacto con el fabricante del disco.
No se puede detectar el servidor DLNA.	– Verifique que este reproductor se puede conectar a la red normalmente. Consulte “Prueba de conexión”. (pág. 29) – Encienda el equipo conectado como, por ejemplo un router de banda ancha o el servidor. – Asegúrese de que el reproductor y el servidor están conectados al mismo router (o punto de acceso). – Dependiendo del servidor DLNA, es posible que sea necesario autorizar al reproductor desde el servidor. – En función del servidor DLNA, es necesario modificar el ajuste del cortafuego.
No se puede reproducir el archivo del servidor DLNA.	– Asegúrese de que el archivo se puede reproducir. (pág. 3) – Compruebe la configuración del servidor DLNA. – La calidad de funcionamiento y reproducción podría verse afectada por las condiciones de la red doméstica.
No se puede conectar a Internet a través de la LAN inalámbrica.	– Asegúrese de que el router LAN inalámbrico está encendido. – En función de los elementos circundantes, como el material de las paredes, el estado de recepción de ondas de radio o los obstáculos entre el reproductor y el router LAN inalámbrico, es posible que la distancia de comunicación se acorte. Mueva el reproductor y el router LAN inalámbrico para acercarlos entre sí. – Los dispositivos que funcionan en la banda de frecuencias de 2,4 GHz, como los hornos microondas, dispositivos Bluetooth o dispositivos digitales inalámbricos, pueden llegar a interrumpir la comunicación. Aleje el reproductor de estos dispositivos o apáguelos. – Si la conexión a Internet a través de una LAN inalámbrica sigue sin funcionar después de probar las soluciones anteriores, intente conectarse a través de Ethernet seleccionando Cableado en Configuración de conexión. (pág. 28)
La red inalámbrica no se encuentra o está distorsionada.	– Asegúrese de que el router LAN inalámbrico está encendido. – Acerque este reproductor al router o cambie la orientación de este reproductor o de la antena del router LAN inalámbrico. – Si la conexión inalámbrica no se puede configurar con la función WPS, seleccione otra opción (Buscar Redes o Manual) (pág. 15). – Asegúrese de que la red inalámbrica no se distorsiona por la presencia de hornos microondas, teléfonos digitales inalámbricos u otros dispositivos Wi-Fi cercanos. – Los hornos microondas, teléfonos digitales inalámbricos u otros dispositivos inalámbricos cercanos pueden interferir en la red inalámbrica. Apague estos dispositivos. – Asegúrese de que los firewall de la red permiten el acceso de este reproductor a la conexión inalámbrica. – Si la red inalámbrica no funciona correctamente en su casa, intente realizar una conexión de red con cable.

■ Mensajes en pantalla

- Los mensajes siguientes aparecerán en la pantalla del televisor si el disco que intenta reproducir no es apropiado o la operación no es correcta.

Mensaje de error	Posibles causas y soluciones
Fichero no compatible	– El reproductor no admite el archivo. Consulte “Tipos de discos/archivos que pueden utilizarse con este reproductor” (pág. 3).
¡Código de región erróneo!	– El disco tiene un código de región incompatible. Consulte “Información sobre la gestión de la región en los vídeos Blu-ray Disc/DVD” (pág. 3).
La red ha fallado.	– El reproductor no se puede conectar a la red. Compruebe la conexión (pág. 12) y la configuración de Red (pág. 28).
Red está bien, proxy ha fallado.	– El reproductor no se puede conectar al servidor proxy. Consulte “Configuración Proxy” (pág. 29).
La conexión BD-Live está prohibida en el menú de SETUP	– La conexión BD-Live está prohibida. Consulte “Conexión BD-Live” (pág. 29).
¡La actualización ha fallado por alguna razón!	– La actualización ha fallado. Compruebe si el archivo de actualización está dañado o es ilegible.
¡ La configuración de IP no es válida ! Por favor modificar..	– La configuración IP introducida no es válida. Vuelva a introducir la información correcta.

Glosario

AVCHD

AVCHD es un nuevo formato (estándar) para cámaras de vídeo de alta definición que se puede utilizar para grabar y reproducir imágenes de alta resolución HD.

BD-Live™

BD-Live es un estándar de Blu-ray Disc que utiliza una conexión de red y permite al reproductor conectarse a Internet para descargar vídeos promocionales y otros datos.

BDMV

BDMV (película Blu-ray Disc) es uno de los formatos de aplicación utilizados en BD-ROM, que es una de las especificaciones de Blu-ray Disc. BDMV es un formato de grabación equivalente a DVD-Video en la especificación DVD.

BONUSVIEW™

Los discos compatibles con BONUSVIEW le permiten disfrutar simultáneamente de subcanal de vídeo para dos pantallas, subcanal de audio y subtítulos. Aparece una pequeña pantalla dentro de la pantalla principal durante la reproducción (Imagen en imagen).

Subtítulos

La audiodescripción es un tipo de subtítulos, la diferencia entre los subtítulos y la audiodescripción es que los primeros están diseñados para personas sin problemas auditivos, mientras que los segundos lo están para personas que no oyen. Los subtítulos no suelen mostrar todo el audio.

La audiodescripción muestra efectos de sonido (por ejemplo, “suena el teléfono” y “ruido de pasos”), mientras que los subtítulos no lo hacen. Antes de seleccionar este ajuste, asegúrese de que el disco contiene información de audiodescripción.

Color Space

Color Space es una gama de colores que se puede representar. RGB es un espacio de color basado en el modelo de color RGB (rojo, verde y azul) y se utiliza normalmente en monitores de PC. YCbCr es un espacio de color basado en una señal de luminancia (Y) y dos señales de diferencia de color (Cb y Cr).

Deep Color

Deep Color hace referencia al uso de varias profundidades de color en pantallas, a partir de profundidades de 24 bits en versiones anteriores de la especificación HDMI. Esta profundidad de bits adicional permite que las pantallas HDTV y otros tipos de pantallas pasen de millones a miles de millones de colores y eliminen la aparición de bandas de color en pantalla para disfrutar de unas transiciones tonales fluidas y una gradación sutil entre colores. La mayor relación de contraste permite representar muchos más tonos de gris entre blanco y negro. Además, Deep Color aumenta el número de colores disponibles dentro de los límites definidos por el espacio de color RGB o YCbCr.

DLNA

DLNA (Digital Living Network Alliance) permite compartir de forma sencilla contenidos digitales a través de una red doméstica, para que pueda disfrutar de contenidos digitales almacenados en un PC con el software del servidor DLNA instalado u otro dispositivo compatible con DLNA con su televisor a través de este reproductor. Para conectar este reproductor a sus servidores DLNA se requieren algunos ajustes del dispositivo o del servidor DLNA. Para ver más detalles, consulte el software del servidor DLNA o el dispositivo DLNA.

Dolby Digital

Un sistema de sonido desarrollado por Dolby Laboratories Inc. que da un ambiente de sala de cine a la salida de audio cuando el producto está conectado a un amplificador o procesador Dolby Digital.

Dolby Digital Plus

Un sistema de sonido desarrollado como una extensión de Dolby Digital. Esta tecnología de codificación de audio es compatible con sonido envolvente de 7.1 canales.

Dolby TrueHD

Dolby TrueHD es una tecnología de codificación sin pérdidas que admite hasta 8 canales de sonido envolvente multicanal para los discos ópticos de la próxima generación. El sonido reproducido refleja fielmente, bit a bit, la fuente original.

DRC (Control de gama dinámica)

DRC le permite ajustar la gama entre los sonidos más alto y más bajo (gama dinámica) para reproducir los contenidos a un volumen intermedio. Utilícelo cuando sea difícil escuchar los diálogos o durante las horas en que la reproducción pueda molestar a los vecinos.

DTS

Un sistema de sonido digital desarrollado por DTS, Inc. para su uso en salas de cine.

DTS-HD High Resolution Audio

DTS-HD High Resolution Audio es una nueva tecnología desarrollada para el formato de disco óptico de alta definición de la próxima generación.

DTS-HD Master Audio

DTS-HD Master Audio es una tecnología de compresión de audio sin pérdidas desarrollada para el formato de disco óptico de alta definición de la próxima generación.

FLAC

FLAC (Free Lossless Audio Codec, Códec libre de comprensión de audio sin pérdida) es un formato de archivo abierto para la compresión de datos de audio sin pérdida. Aunque el grado de compresión es inferior al de otros formatos de audio comprimido con pérdida, normalmente el audio es de mayor calidad.

HDMI

HDMI (High-Definition Multimedia Interface, Interfaz Multimedia de Alta Definición) es una interfaz que admite vídeo y audio en una sola conexión digital. La conexión HDMI lleva señales de vídeo (estándar y de alta definición) y señales de audio multicanal a componentes A/V como, por ejemplo, televisores equipados con HDMI en forma digital y sin degradación.

Buzón (LB 4:3)

Un tamaño de pantalla con barras negras en las partes superior e inferior de la imagen para permitir la visualización de material en pantalla ancha (16:9) en un televisor 4:3 conectado.

Sonido PCM lineal

PCM lineal es un formato de grabación de señales utilizado para CD de audio y en algunos DVD y Blu-ray Disc. El sonido de los CD de audio se graba a 44,1 kHz con 16 bits. (El sonido se graba entre 48 kHz con 16 bits y 96 kHz con 24 bits en discos DVD y entre 48 kHz con 16 bits y 192 kHz con 24 bits en Blu-ray Disc).

Dirección Mac

La dirección Mac es un valor único asignado a un dispositivo de red para su identificación.

Panorámico (PS 4:3)

Un tamaño de pantalla que recorta los lados de la imagen para permitir la visualización de material de pantalla ancha (16:9) en un televisor 4:3 conectado.

Subtítulos

Son las líneas de texto que aparecen en la parte inferior de la pantalla y que traducen o transcriben el diálogo. Están grabadas en muchos DVD y Blu-ray Disc.

x.v.Color

x.v.Color reproduce una gama de colores más amplia que antes, mostrando casi todos los colores que puede detectar el ojo humano.

5

Información adicional

Especificaciones

■ Información general

Alimentación

[Modelos para Reino Unido, Europa, Rusia, Australia y China]
..... 110–240 V CA, 50 Hz
[Modelo para Asia, América Central y del Sur]
..... 110–240 V CA, 50/60 Hz
[Otros modelos]..... 110–240 V CA, 60 Hz

Consumo..... 17 W

Consumo en modo de espera

Control HDMI Desactivar, Standby de red Desactivar..... 0,2 W (típico)
Control HDMI Activar, Standby de red Desactivar..... 0,3 W (típico)
Control HDMI Desactivar, Standby de red Activar..... 4,9 W (típico)
Control HDMI Activar, Standby de red Activar..... 4,9 W (típico)

Dimensiones (An. × Al. × Pr., incluidos salientes) 435 × 51 × 197 mm

Peso 1,8 kg

■ Entrada/salida

Salida HDMI Conector tipo A × 1
480i/576i/480p/576p/720p/1080i/1080p/1080p@24Hz,
Compatibilidad con Deep Color, x.v. Color
USB Conector tipo A × 2
LAN inalámbrica..... Estándar: IEEE 802.11 b/g/n
Rango de frecuencias: banda de 2,4 GHz
Otros equipos..... Ethernet × 1

Las especificaciones están sujetas a cambio sin previo aviso.

Español

■ Propiedad intelectual

Nota

- El material audio-visual puede consistir de productos con propiedad intelectual que no se deben grabar sin la autorización del poseedor de dicha propiedad intelectual. Remítase a las leyes aplicables en su país.



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DVD es una marca comercial de DVD Format/Logo Licensing Corporation.



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x.v.Color™

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La marca de identificación Wi-Fi Protected Setup es una marca de Wi-Fi Alliance.

“Wi-Fi”, “Wi-Fi Protected Setup”, “Wi-Fi Direct” y “Miracast” son marcas o marcas registradas de Wi-Fi Alliance.

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Español

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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■ About glibc, libmtp, libusb, libusb-compat, DirectFB, SaWMan, Qt

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■ About Live555, procps (ps, top), libavformat, libavutil, libavcodec, zziplib

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■ About cURL, libcurl

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3DES
Des3Cipher - the triple-DES encryption method

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DES
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```
printf("%s", png_get_copyright(NULL));
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February 18, 2012

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■ About FLAC codec library

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The laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

LASER Specification:

Class 1 LASER Product

Wave length: 790 nm (CDs)/658 nm (DVDs)/405 nm (BDs)

Laser output: max. 1 mW

El componente láser de este producto es capaz de emitir radiación que sobrepasa el límite establecido para la clase 1.

Especificaciones LÁSER:

Producto LÁSER de Clase 1

Longitud de onda: 790 nm (CD)/658 nm (DVD)/405 nm (BD)

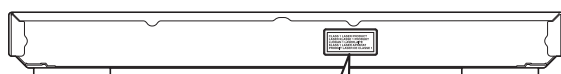
Salida de láser: máxima de 1 mW

CAUTION

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

PRECAUCIÓN

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