



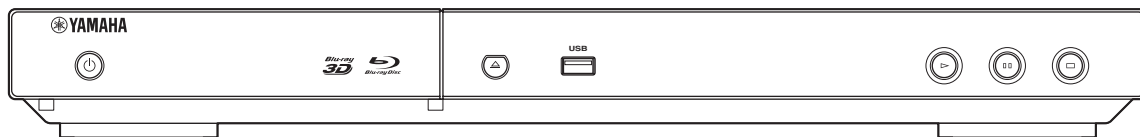
Blu-ray Disc Player

BD-S473


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.

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.

WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

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

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2

3

4

5

English

■ 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

Easy setting for language, resolution, screen aspect ratio → p. 12

You can perform language and TV settings.

Play back commercially-released Blu-ray Disc™/Blu-ray 3D™/DVD/CD discs* → p. 17

In addition to Blu-ray Discs, this Player also supports playback of a variety of other discs.

Play back BONUSVIEW™, BD-Live™, etc.* → p. 20

You can enjoy additional movies on the latest Blu-ray Discs.

Play back Video, Music, Photo files on a disc/USB memory device* → p. 13

Files recorded on discs/USB memory devices can be played back with this Player.

Play back Video, Music, Photo files on a Home Network Server* ** → p. 15

PC contents can be played back with TV or AV receiver by connecting this Player to a network server.

Operation with the remote control of TV, AV receiver, etc. → p. 24

Connecting devices with an HDMI cable, you can control devices with a single remote control using the HDMI Control function.

Streaming Playback contents on the Network Services** → p. 16

You can instantly enjoy videos over the internet with this Player.

* For details on playable discs and formats, see page 3.

** Network setting is needed to use this function.

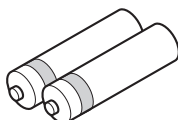
Supplied parts

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) WMA (.wma) AAC (.aac/.m4a) WAV (.wav) FLAC (.flac)	MKV with H.264 (.mkv) MPEG PS (.mpeg/.mpg) MPEG TS (.ts) MPEG-4 (.mp4) VOB (.vob) AVI (.avi) ASF (.asf) WMV (.wmv)	JPEG (.jpeg/.jpg) GIF (.gif) PNG (.png)

Notes

- Playback of a file listed in the chart above is not guaranteed depending on methods of file creation or codecs used.
- 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.

Examples of region codes	
BD-Video	DVD-Video
Region code "A" or "ABC" 	Region code "1" 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.)
- Playback of all files on the disc, USB memory device and network is not guaranteed.
- A copyright protected file cannot be played back via USB memory device and network.

Audio file requirement

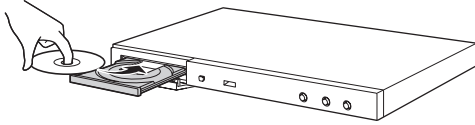
- Sampling frequency: within 32 - 48 kHz (MP3/WMA), LPCM 44.1 kHz/16 bit/Stereo (WAV), 192 kHz/24 bit (FLAC)
- Bitrate: within 8 - 320 kbps (MP3), 32 - 192 kbps (WMA)

WMV file requirement

- WMV9, maximum resolution is 1,920 × 1,080.

■ 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.

■ Notice for watching 3D video images

- Some people may experience discomfort (such as eye strain, fatigue, or nausea) while watching 3D video images. We recommend that all viewers take regular breaks while watching 3D video images.
- If you experience any discomfort, stop watching the 3D video images until the discomfort subsides. Consult a doctor if you experience severe discomfort.
- Read the owner's manuals (Blu-ray Disc and TV) and/or the caution messages that appear on the TV carefully.
- The vision of young children (especially those under six years old) is still under development. Consult your doctor (such as a pediatrician or eye doctor) before allowing young children to watch 3D video images.
- Adults should supervise young children to ensure they follow the recommendations described above.

■ 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.

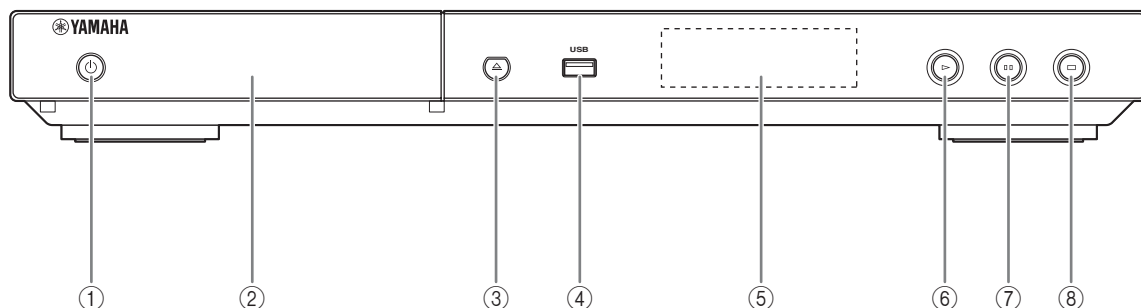
Audio outputs temporarily muted. Do not adjust the playback volume. The content being played is protected by Cinavia™ and is not authorized for playback on this device.

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.

■ Front panel

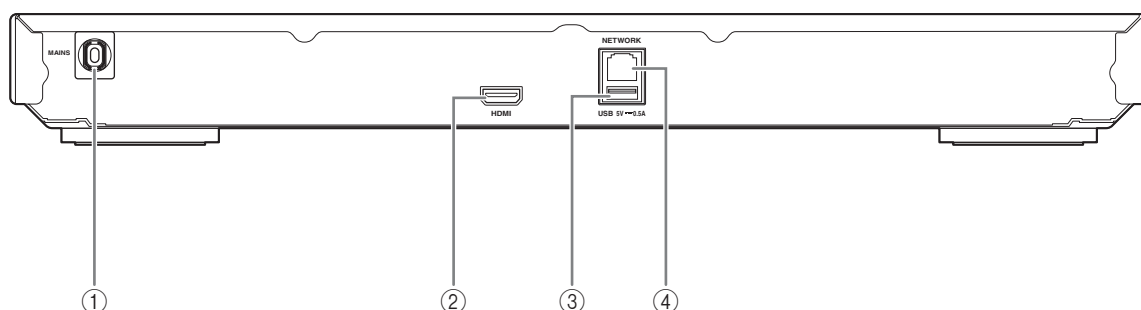


- ① **⏻ (On/Standby)**
Turns this Player on/Sets to standby mode.
Press and hold ⏻ on the front panel for more than 5 seconds, and release to reset this Player (system reset).
- ② **Disc tray door**
Opens/Closes the disc tray.
- ③ **▲ (Eject)**
Opens/Closes the disc tray.
- ④ **USB connector (p. 11)**
- ⑤ **Front panel display**
Displays various information for operational status.
- ⑥ **▶ (Play)**
Starts a playback.
- ⑦ **⏸ (Pause)**
Pauses a playback.
- ⑧ **■ (Stop)**
Stops a playback.

Note

- A factory-fitted protective film covers the front panel of this Player. Remove the protective film from the Player before operating it.

■ Rear panel



- ① **Power cable**
This Player has a captive power cable. Connect it to an AC outlet after all connections are made (p. 10).


Note

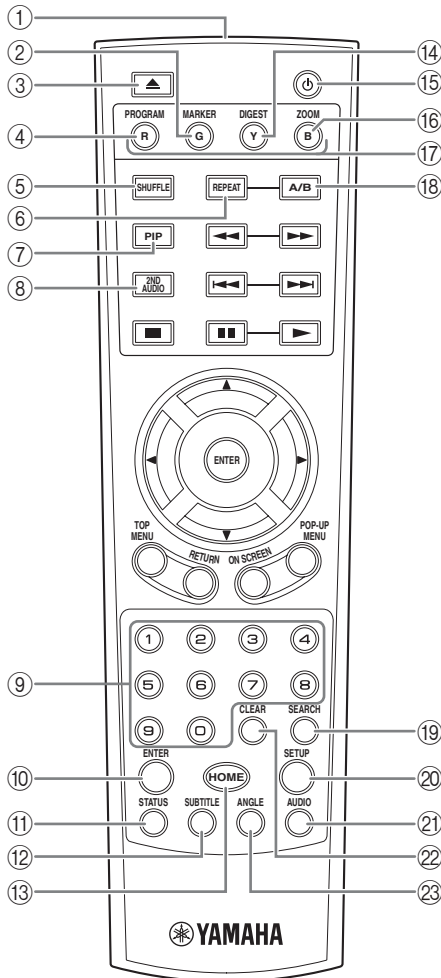
- To prevent risk of electric shock, do not touch the un-insulated parts of any cables while the power cable is connected.







- ② **HDMI terminal (p. 10)**
- ③ **USB connector (p. 11)**
- ④ **NETWORK terminal (p. 11)**

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 **MARKER DVD VIDEO:** Sets Bookmark (p. 19) at a specified point of a movie. After Bookmark is set, to select the set point you want to jump to, press **DIGEST**. You can set up to 12 Bookmarks.
- ③ **▲:** Opens/closes the disc tray.
- ④ **PROGRAM DVD CD:** Sets the order of playback (p. 19). You can set up to 15 tracks (for an audio disc) or titles/chapters (DVD-Video).
- ⑤ **SHUFFLE DVD CD VIDEO MUSIC PHOTO:** Selects shuffle play mode (p. 17).
- ⑥ **REPEAT BD DVD CD VIDEO MUSIC 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.
- ⑦ **PIP BD:** Turns on/off the Picture in Picture (p. 20). PIP Mark () is displayed on the screen when this function is available. You can also select this item from On Screen menu (p. 17).

Note

- PIP Mark is displayed only when the PIP Mark is set to on (p. 25).

- ⑧ **2ND AUDIO BD:** Selects the secondary audio of the Picture in Picture (p. 20) or audio commentaries. The Secondary Audio Mark () is displayed on the screen when this function is available (p. 27). You can also select this item from On Screen menu (p. 17).


Note

- Secondary Audio Mark is displayed only when Secondary Audio Mark is set to on (p. 25).
- ⑨ **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.
 - ⑩ **ENTER:** Selects the focused menu/item.
 - ⑪ **STATUS:** Displays the playback information (p. 18).
 - ⑫ **SUBTITLE BD DVD VIDEO:** Changes subtitle languages (p. 35) if available. You can also select this item from On Screen menu (p. 17).

- ⑬ **HOME**: Displays the HOME menu screen (p. 13).
- ⑭ **DIGEST PHOTO**: Shows 12 photo thumbnails.
When thumbnails are displayed, you can proceed to the next/previous page with ◀◀/▶▶.
- DVD VIDEO**: Displays Bookmark select bar (p. 19).
- ⑮ **⏻**: Turns this Player on or sets it to standby mode.
- ⑯ **ZOOM DVD VIDEO PHOTO**: Zooms in/out.
The size of the screen will change each time you press the button (zoom in/out: 3 steps each).
- ⑰ **Color buttons BD**: Use these buttons according to on-screen instructions.
- ⑱ **A/B BD DVD CD VIDEO MUSIC**: Plays back a specific part you want to repeat.
- 1 Press **A/B** at the scene where you want to set the start point. "A-" is displayed on the screen.
 - 2 Press **A/B** again at the scene where you want to set the end point. "A-B" is displayed on the screen. Repeat playback starts.
 - 3 To cancel the repeat playback, press **A/B**. "A-B" disappears and the repeat playback is finished.

Note

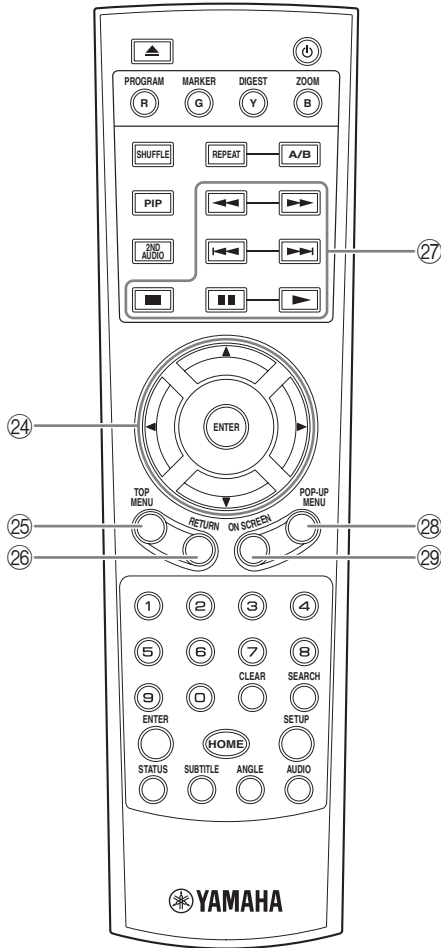
– This function cannot be performed depending on the specifications of the disc.

- ⑲ **SEARCH BD DVD CD VIDEO MUSIC**:
Jumps to a specified point during playback. For details on this function, refer to "Using Search" (p. 19). You can also select this item from status menu (p. 18).
- ⑳ **SETUP**: Displays SETUP menu screen (p. 21).
- ㉑ **AUDIO BD DVD**: Changes the audio language or format. You can also select this item from On Screen menu (p. 17).
- ㉒ **CLEAR**: Clears entered number/set item.
- ㉓ **ANGLE BD DVD**: Changes the camera angle if video is recorded with multiple angles. The Angle Mark () is displayed on the screen when this function is available. You can also select this item from On Screen menu (p. 17).

Note

– Angle Mark is displayed only when the Angle Mark is set to on (p. 25).

Continued to the next page. ➔



②④ **Cursor buttons (▲/▼/◀/▶)**: Moves the focus in the menu screen.

ENTER: Selects the focused menu/item.

②⑤ **TOP MENU [BD] [DVD]**: 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.

②⑥ **RETURN**: Returns to the previous menu or screen, etc.

②⑦ **Control buttons**

[BD] [DVD] [CD] [VIDEO] [MUSIC] [PHOTO]

■: Stops playback. To stop playback completely, press this button twice.

▮▮: Pauses playback.

▶: Plays back contents.

◀◀/▶▶

[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).

◀◀/▶▶: Skips backward/forward.

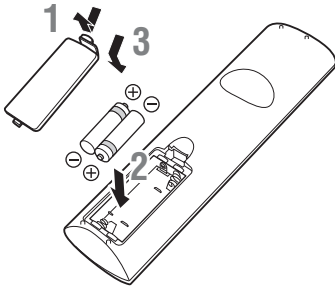
Note

– Depending on the disc, this Player resumes playback from the point that where the Player was previously stopped. To play back from the beginning, press ■ twice and then ▶.

②⑧ **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.

②⑨ **ON SCREEN**: Displays On Screen menu (p. 17).

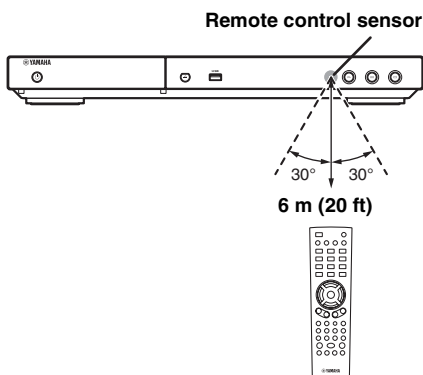
Loading the batteries in the remote control



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



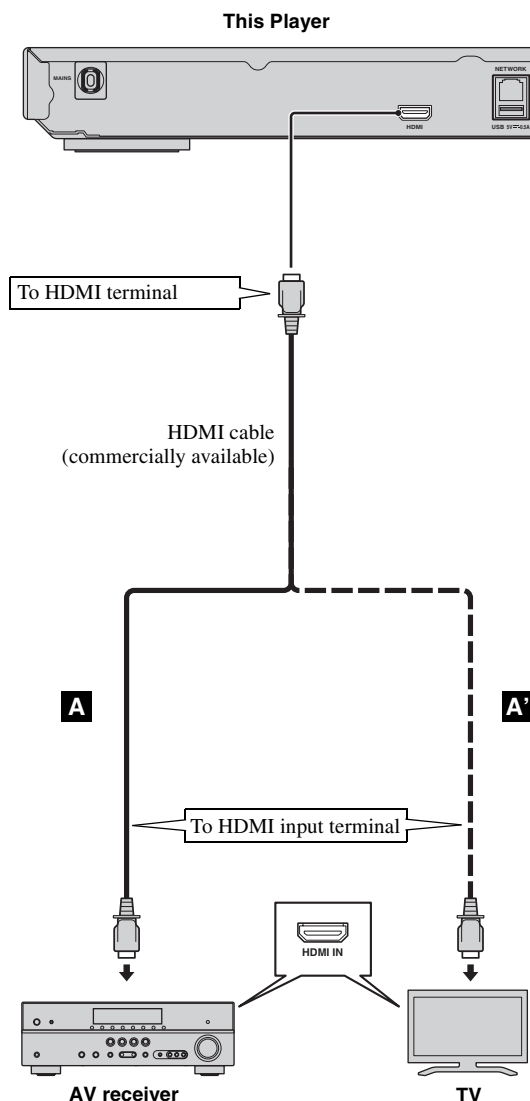
HDMI connection

■ Connecting to the HDMI terminal

- You can enjoy high quality digital picture and sound through the HDMI terminal.
- Firmly connect an HDMI cable (commercially available) to the HDMI terminals.
- See page 28 for information on the audio/video output formats.
- Use HIGH SPEED HDMI cables that have the HDMI logo (as shown on the back cover).

Caution!

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



Hints

- When you use the HDMI Control function, refer to the “HDMI Control” (p. 24).
- For information on the output mode of HDMI terminal, refer to the “HDMI” (p. 27).
- When no picture is displayed, refer to “Troubleshooting” (p. 32).

■ Connection for the playback of Blu-ray 3D Discs

To enjoy Blu-ray 3D Discs on this Player, you need the following equipment and connections:

- You need a TV and an AV receiver (if you need) that have 3D functionality.
- All the components must be connected with HDMI cables.
- A Blu-ray Disc should contain 3D images.
- You need to set 3D Output in Display Setting (p. 26) to Auto.

Network and USB connection

■ Connecting to the NETWORK terminal

- PC contents can be played back by connecting this Player to the network.
- You can enjoy a variety of contents with interactive functions by connecting to the internet when playing BD-Live compatible discs. Refer to page 20 regarding further information on BD-Live functions.

Notes

- Firmly connect a network cable (commercially available) to the NETWORK terminal.
- Use only an STP (shielded twisted pair) network cable.
- When using the internet, a broadband internet connection as shown below is required.
- Connect the other connector of the network cable to the hub/broadband router.
- When using a broadband internet connection, a contract with an internet service provider is required. For more details, contact your nearest internet service provider.
- Refer to the operation manual of the equipment you have as the connected equipment and connection method may differ depending on your internet environment.
- Use a network cable/router supporting 10BASE-T/100BASE-TX.

■ Connecting to the USB connector

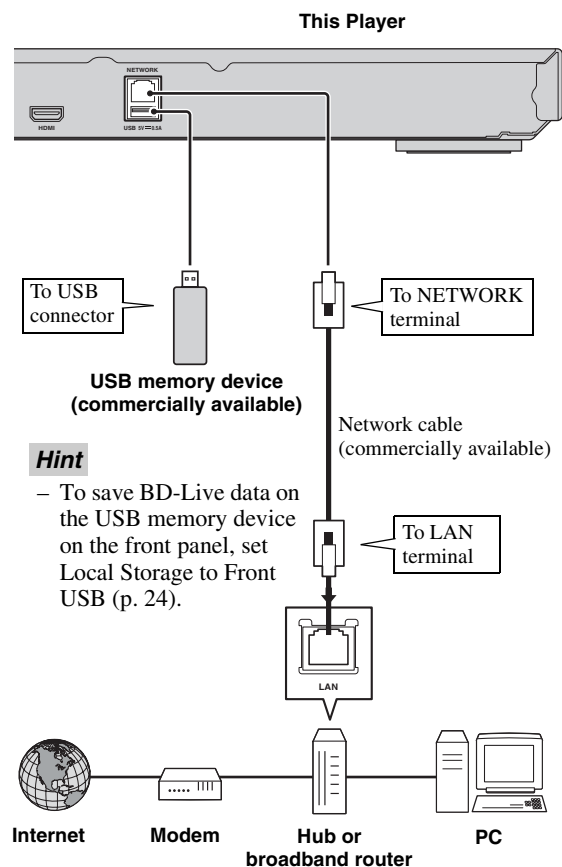
- You can connect a USB memory device for Local Storage to the USB connector on the rear panel (or front panel) of this Player to save the BD-Live data, or to upgrade the software of this Player.
- Firmly connect a USB memory device (commercially available) to the USB connector.

CAUTION:

- Do not remove the USB memory device or unplug the power cable while the operations for BD-Live (p. 20) or software upgrade are being performed.
- Do not use a USB extension cable when connecting a USB memory device to the USB connector of this Player. Using a USB extension cable may prevent the Player from performing correctly.

Note

- Yamaha cannot guarantee that all brands' USB memory devices will operate with this Player.



After connecting

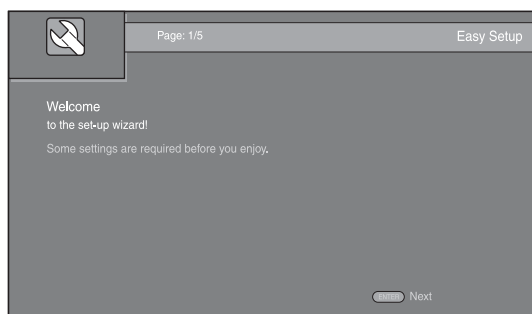
- When you set the Network setting manually, refer to "Network" (p. 25).
- To play back the PC contents on your network, refer to "Using network content" (p. 15).

Initial Wizard/Easy Setup

■ Setting with the Initial Wizard/Easy Setup

Initial Wizard/Easy Setup allows you to set language, resolution, and screen aspect ratio easily. Initial Wizard 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.

Notes

- When no picture is displayed after Initial Wizard/Easy Setup is completed, refer to “Troubleshooting” (p. 32).
- A warning message concerning 3D video playback appears when this Player is turned on. Press **ENTER** to dismiss the message or **CLEAR** to disable it (p. 24).

HOME/MEDIA menu

HOME and MEDIA menus allow you to browse and play multi-media files on data discs, USB memory devices and your network.

Note

- For details on playable discs and formats, see page 3.

■ Playing back photo/music/video

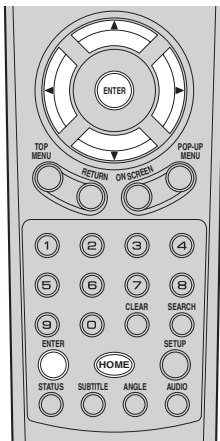
Basic operation

◀/▶/▲/▼: Moves the focus.

◀: Returns to the parent folder.

HOME: Moves to/exits HOME menu screen.

ENTER: Confirms the folder/file.



Icons on the top of MEDIA menu

📀: Plays back the disc on the tray, or displays contents in the data disc.

🔑: Displays contents in the USB memory device connected to the USB connector.

🌐: Searches for a DLNA (p. 15) server on the network.

🖥️: Displays contents on the connected DLNA server.

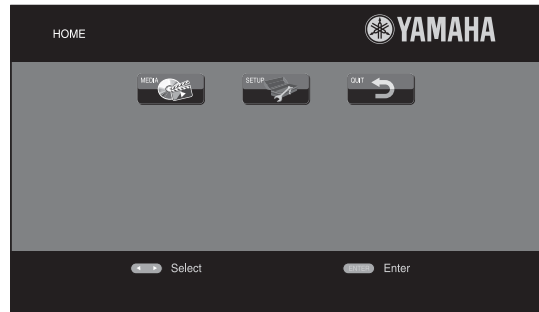
Common operations for playing back files in a selected folder

Example: Selecting a movie file on a USB memory device

Note

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

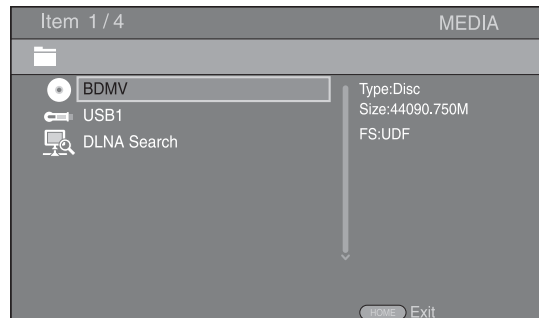
- 1 Press **HOME** to move to HOME menu screen.



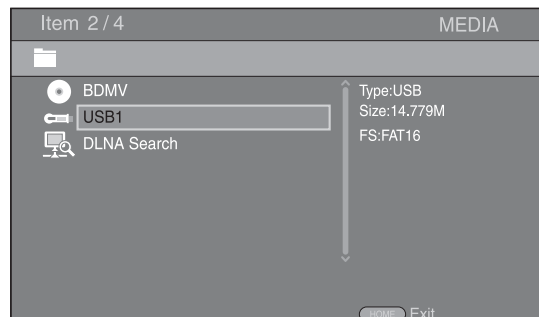
Hint

- The HOME menu screen may differ depending on the model.


- 2 Press ◀/▶/▲/▼ to select MEDIA, then press **ENTER**. MEDIA screen appears.

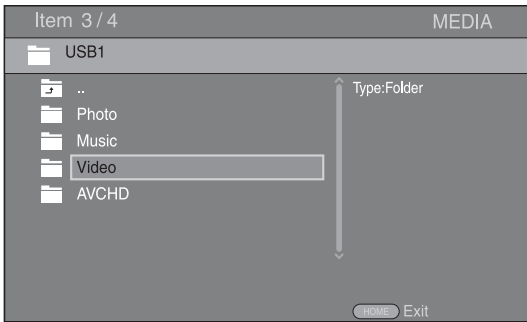


- 3 Select the item which contains the file you want to play back, then press **ENTER**.



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

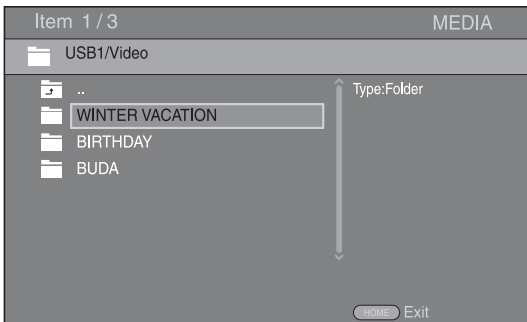
To return to the parent folder, press ◀ or select .



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. When you want to play back other than photo, return to this step and select file type again.

- 5 Select the folder(s) containing the file you want to play back.

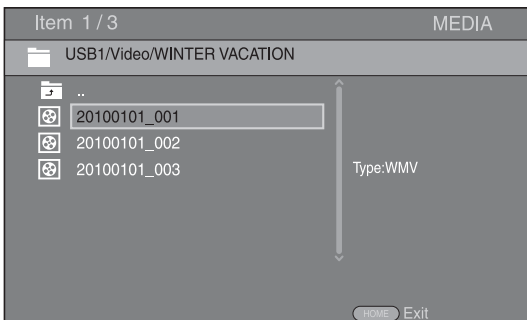


- 6 Select the file you want to play back, then press **ENTER**.

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.

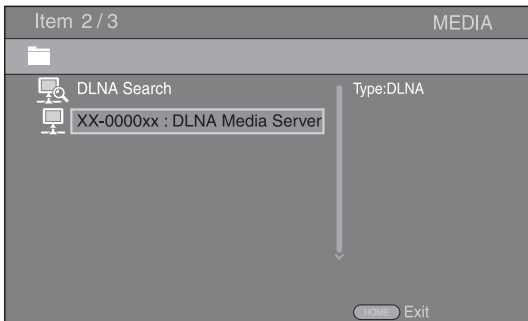
- : Stops slide show and returns to the file browser.
- : Pauses a slide show.
- : Plays a slide show.
- : Moves to a next photo.
- : Moves to a previous photo.
- : Makes a slide show faster in 3 steps.
- : Makes a slide show slower in 3 steps.
- : Inverts a photo.
- : Reflects a photo.
- : Rotates a 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.
- DIGEST**: Switches to thumbnail mode (p. 7). When thumbnails are displayed, you can proceed to the next/previous page with .

■ Using network content

This Player is DLNA certified (p. 34). You can manage photo, music and video contents stored on DLNA servers on your home network.

Playing back shared contents

- 1 To play back files on your PC, install a DLNA server software, such as Windows Media Player 12, and share files you want to play back.
- 2 Turn on the PC with DLNA server software installed or the DLNA device connected to your home network.
- 3 Press **HOME** to display HOME menu screen. Then select **MEDIA** to move to MEDIA menu. The DLNA servers connected to the network are listed on the screen.



Notes

- If your DLNA server is not listed, select DLNA Search to find it.
 - Depending on the DLNA server, this Player may need to be permitted from the server.
 - To play the file on the DLNA server, this Player and the server must be connected to the same access point.
 - The file requirements may not always be compatible. There may be some restrictions depending on file features and DLNA sever capability.
- 4 Select the file you want to play back.

Notes

- The playback and operating quality may be affected by your home network condition.
- The files from removable media such as USB memory devices or DVD-drive on your media server, may not be shared properly.

Using network services

You can instantly watch the videos that the following network services provide.

- YouTube

Notes

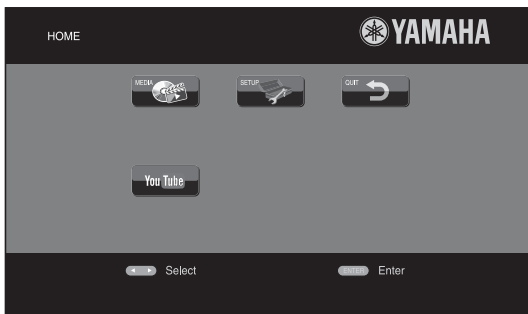
- Access to content provided by third parties requires a high speed internet connection and may also require account registration and a paid subscription.
- Third party content services may be changed, suspended, interrupted, or discontinued at any time without notice, and Yamaha disclaims any liability 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.

Playing videos from YouTube™

You can watch movies from YouTube over the internet using this Player.

The services may be changed without notice.

- 1 Press **HOME** to display HOME menu screen.



Hint

- The HOME menu screen may differ depending on the model.

- 2 Press **◀/▶/▲/▼** to select YouTube, then press **ENTER**.

Hint

- To return to the HOME menu screen, press **RETURN**.

Advanced playback operation

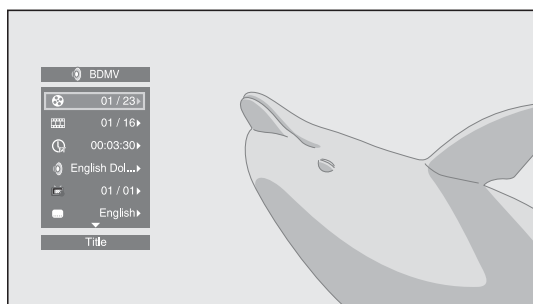
This chapter explains playback of commercially available Blu-ray Discs, DVDs, CDs, and recorded DVD-RW/R discs.

Note

- For the basic playback operation, see page 6.

■ 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. 6).

Second Audio **BD** : Turns the secondary audio on/off (p. 6).

Ins Search

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

Ins Replay

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

Slide Show PHOTO :

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

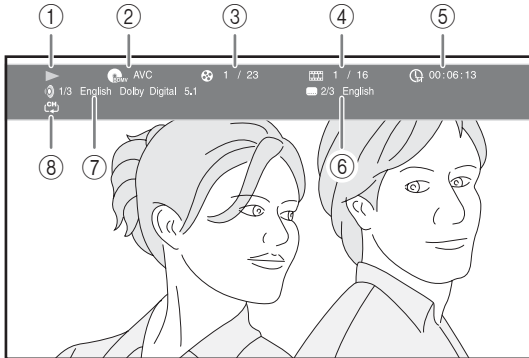
Transition **PHOTO** : Shows how photo appears on the screen. You can select the transition type.

■ 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

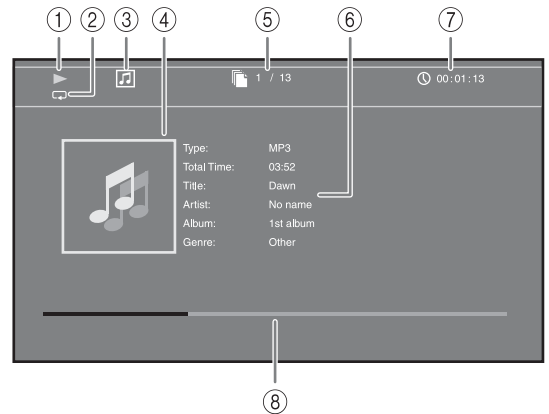
Example: Icons when playing a Blu-ray Disc



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

CD MUSIC

Example: Icons when playing a music file



- ① **(Playback status)**
- ② **(Repeat mode):** Shows current repeat mode (p. 6).
- 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. 7).
- 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. 7).
- ⑧ **(Progress bar) MUSIC:** Shows progress status of current song.

PHOTO



- ① **(Playback status)**
- ② **(Photo file icon)**
- ③ **(File number being displayed)**
- ④ **(Repeat mode):** Shows current repeat mode (p. 6).
- ⑤ **(Slide show speed)**

■ Using Bookmark **DVD** **VIDEO**

This allows you to set Bookmark at the specified point of the video. After Bookmark is set, you can move to the point you set using this function. You can set up to 12 Bookmarks.

- 1 Press **MARKER** during playing back the movie to set Bookmark. Bookmark number, and the status are displayed.

Bookmark: 1/12 Title: 1 Chapter: 1 Time: 00:01:26

- 2 After Bookmark is set, press **DIGEST** to display Bookmark select bar.

Title:01 Chapter:01 Time:00:01:26 Bookmark
 01 02 03 04 05 06 07 08 09 10 11 12 Clear

- 3 Press **◀/▶** to select the Bookmark you want to play back, then press **ENTER**. Press **CLEAR** to delete the selected Bookmark.

Note

- When playback is finished (e.g., ejecting the disc, pressing **■** twice), Bookmarks are automatically deleted.

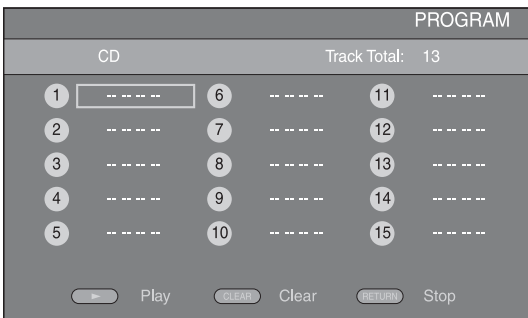
■ Program play **DVD** **CD**

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

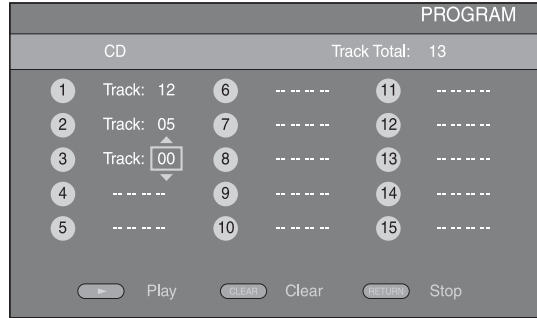
Press **PROGRAM** during playback to display the PROGRAM window to program playback order. You can program up to 15 tracks/chapters.

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 **■** twice.





■ 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™

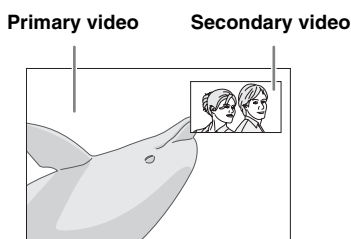
This Player supports BONUSVIEW (p. 34) (BD-ROM Profile 1 Version 1.1) and BD-Live (p. 34) (BD-ROM Profile 2) playback functions.



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. 27).
- 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. 8).
- 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. 25).

2. Connect the USB memory device to this Player (p. 11).

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 the USB connector that you select on Local Storage (p. 24). The default setting is the USB connector on the rear panel.

- 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

- 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. 11) and Network settings (p. 25).
- Refer to "BD-Live Connection" (p. 25) 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. 24).

SETUP menu

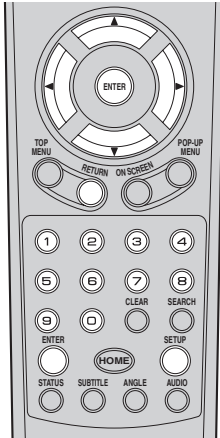
The SETUP menu enables various audio/visual settings and adjustments for functions using the remote control unit.

Menu/Submenu	Item	Function	Page
 General Setting	System		
	Screen Saver	Sets screen saver on/off.	24
	Disc Auto Playback	Sets this Player to start disc playback automatically.	24
	HDMI Control	Sets this Player to receive control signal from the remote control of your TV/AV receiver.	24
	Load Default	Resets all settings to the default setting except Security setting.	24
	Upgrade	Performs upgrade of this Player.	24
	Easy Setup	Sets language, resolution, screen aspect ratio.	24
	Local Storage	Displays status of Local Storage (p. 24), formats Local Storage and selects the front/rear USB connector for Local Storage.	24
	3D Playback Message	Displays a warning message concerning 3D video playback when this Player is turned on.	24
	Language		
	OSD	Selects the language for On Screen Display.	24
	Menu	Prioritizes the language for disc menu.	24
	Audio	Prioritizes the language for audio.	24
	Subtitle	Prioritizes the language for subtitle.	24
	Playback		
	Angle Mark	Sets to display the Angle Mark when Blu-ray Disc/DVD with multiple angles is played back.	25
	PIP Mark	Sets to display the PIP Mark when Blu-ray Disc/DVD with Picture in Picture is played back.	25
	Secondary Audio Mark	Sets to display the Secondary Audio Mark when Blu-ray Disc/DVD with secondary audio is played back.	25
	Last Memory	Sets this Player to remember the last playback position of a disc when it is set to standby mode or the disc tray is opened.	25
	Security		
	Change Password	Changes password for Parental Control and Country Code.	25
	Parental Control	Sets the Parental Control depending on the disc content.	25
	Country Code	Sets your Country Code.	25
	Network		
	Internet Connection	Sets the internet connection to Enable/Disable.	25
	Information	Displays network information screen.	25
	Connection Test	Performs the network connection test.	25
	IP Setting	Sets the IP setting to Auto/Manual.	25
	BD-Live Connection	Sets the BD-Live connection to Permitted/Partial Permitted/Prohibited.	25
	DLNA	Sets the DLNA to Enable/Disable.	25
Proxy Setting	Sets the proxy setting.	25	

Menu/Submenu	Item	Function	Page
 Display Setting	TV	3D Output	Selects 3D or 2D videos. 26
	TV Screen	Sets the screen aspect ratio of the connected TV, and adjust the video output. 26	
	Video Out Select	Selects the resolution of video output. 26	
	TV System	Selects the TV System from NTSC/PAL/Multi. 26	
	Color Space	Selects Color Space from YCbCr 4:4:4/YCbCr 4:2:2/Full RGB/RGB. 26	
	HDMI Deep Color	Selects HDMI Deep Color from 30 bits/36 bits/48 bits/Off. 26	
	HDMI 1080p 24Hz	Sets HDMI 1080p 24Hz to auto/off. 27	
	Lip Sync	Adjusts the lag between video and audio, such as when the mouth movement is out of sync with the voice. 27	
	Video Process	Video Mode	Adjusts the visual image. 27
	Color Adjust	Adjusts Brightness/Saturation/Hue for each color. 27	
	Noise Reduction	Sets the level of Noise Reduction. 27	
De-interlacing Mode	Sets how to detect the video signal. 27		
 Audio Setting	Audio Output	HDMI	Selects the output mode of HDMI terminal from Bitstream/PCM/Reencode/Off. 27
	DRC	Sets the DRC (Dynamic Range Compression). 27	
 System Information		Displays software version and MAC address (p. 35).	27

■ 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 Parental Control

Note

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

1. Display the SETUP menu screen.

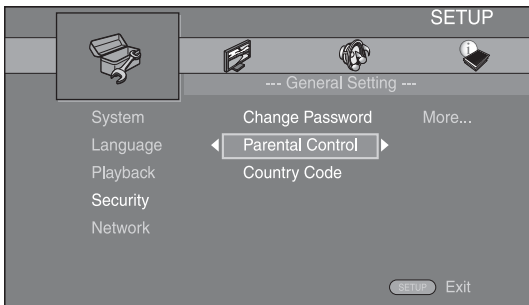
Press **SETUP** to display the SETUP menu screen. Press **◀/▶** to select General Setting, then press **ENTER** or **▼**.

2. Select a Submenu.

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

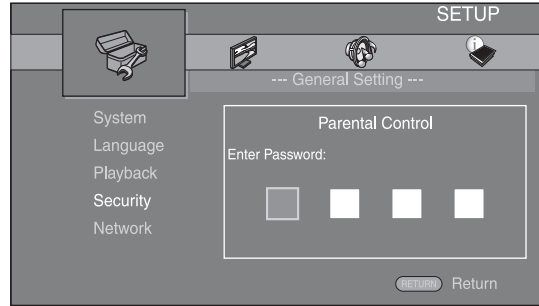
3. Select a menu item.

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



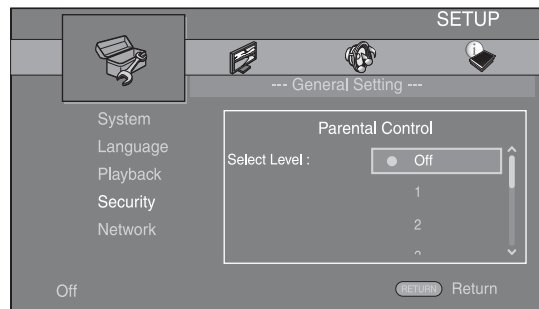
4. Enter password.

- Enter your password with number buttons.
- The default password is 0000.
 - You cannot move to the next setting screen until you have input the correct password.
 - To change the password, refer to “Change Password” (p. 25).



5. Select a next item.

Press **▲/▼** to select the Parental Control Level for Blu-ray Disc/DVD, then press **ENTER**.



6. Exit the menu screen.

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

■ General Setting

The default settings are marked with “*”.

System

Screen Saver

You can set the screen saver to on/off.

When set to on, this Player will switch to screen saver mode if there is no operation for 3 minutes. After that, this Player will turn to standby mode when there is no operation for 27 minutes.

On*, Off

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

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. 24), 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. 25). For details on default settings, see pages 21–27.

Upgrade

You can upgrade the software manually from USB Storage or Network. For details on software upgrade, refer to “Software upgrade” (p. 30).

Easy Setup

You can perform Easy Setup (p. 12).

Local Storage

You can display Local Storage information, format Local Storage, and select Front USB/Rear USB to save the BD-Live data.

To format (empty) the “BUDA” folder in the USB memory device, select Information and press **ENTER** when “Format” is focused on the screen.

Front USB, Rear USB*

Hint

- Local Storage is used as an auxiliary memory when Blu-ray Disc is played back.

3D Playback Message

You can turn on or off a warning message concerning 3D video playback that appears on the TV when this Player is turned on.

On*, Off

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, 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, 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. 24).

Subtitle


You can prioritize the language for Subtitle.

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

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


Playback

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. 20) 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 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. 25) and “Country Code” (p. 25).

Notes

- The default password is 0000.
- If you forget the password, refer to “Troubleshooting” (p. 31) 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. 25) 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. 25) needs to be entered before the Country Code is set. This setting may be used for rating of Parental Control and disc playback.

Network

Internet Connection

Set this item to Enable when you use BD-Live (p. 20), DLNA (p. 15), software upgrade from the network (p. 30), and the other network functions.

Enable*, Disable

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. 25) 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.

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.

DLNA

You can set the DLNA (p. 34) to Enable/Disable. When you do not use the DLNA function, set to Disable.

Enable*, Disable

Proxy Setting

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

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

■ Display Setting

The default settings are marked with “*”.

TV

3D Output

You can select 3D or 2D video output from this Player.

- Auto*** This Player automatically selects 3D or 2D videos.
- Off** This Player always selects 2D videos.

Note


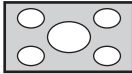
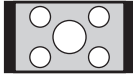
- Even if you set “3D Output” to “Auto” and play back a Blu-ray 3D Disc, this Player selects 2D images depending on the connection and the setting of TV, etc (p. 10).

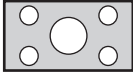


TV Screen

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		

Video Out Select

You can select the video output resolution from Auto, 480i/576i, 480p/576p, 720p, 1080i, and 1080p.

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

For more details on output formats, refer to “About the video output formats” (p. 29).

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

Note

- To output HD audio (Dolby TrueHD or DTS-HD Master Audio) from HDMI terminal, set Video Out Select 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 video output formats” (p. 29).

NTSC, PAL, Multi

(The default setting differs depending on your model.)

Color Space

You can select the Color Space (p. 34) 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. 34), 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, and this Player is connected with an HDMI cable. For more details on output formats, refer to “About the video output formats” (p. 29).

Auto*, Off

Note

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

Lip Sync

You can set/adjust the Lip Sync (p. 35) function.

Auto*	This Player adjusts the Lip Sync function automatically.
Manual	You can adjust the Lip Sync function manually. You can set the delay of the audio for 2D and 3D contents independently.
	2D
	3D
Off	This Player does not adjust the Lip Sync function.

Video Process

Video Mode

You can select Video Mode below.

Standard*	The image is most natural and well-balanced. This mode suits for normal use.
Vivid	The image is more vivid and sharp.
Cinema	The image suits for watching movie in dark room.
Custom	You can adjust the visual image manually. Press ▲/▼ to select the parameter, then press ◀/▶ to adjust the figure.

Brightness

Adjusts the overall brightness of the image.

Saturation

Adjusts the richness of the color in the projected image.

Hue

Adjusts the tint of the projected image.

Contrast

Adjusts the bright areas (white levels) in the image.

Sharpness

Adjusts the sharpness of objects in the video.

CTI

Smooths out the edges of color images. Color images are rendered more distinct.

The default settings are 0.

Color Adjust

You can adjust Brightness/Saturation/Hue for each color (Red/Green/Blue/Yellow/Cyan/Magenta). To use this function, set Video Mode to Custom. For details on the setting items, see “Video Mode” (p. 27).

The default settings are 0.

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

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. 28).

Bitstream*, PCM, Reencode, Off

Note

- To output HD audio (Dolby TrueHD or DTS-HD Master Audio) from HDMI terminal, set Video Out Select to Auto or more than 720p (p. 26).

DRC

You can set the DRC (Dynamic Range Compression) (p. 34) 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. 35) are displayed.

About the audio output formats

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

* "SA" is a Secondary Audio.

** "BCS" is a button click sound, the sound effect for pop-up menus, etc.

Notes

- When HDMI is set to Bitstream, secondary audio is not output. (p. 27)
- To output HD audio (Dolby TrueHD or DTS-HD Master Audio) from HDMI terminal, set Video Out Select to Auto or more than 720p (p. 26).

■ About the video output formats

When TV System is set to NTSC

	Resolution	Auto	480i/576i	480p/576p	720p	1080i	1080p
HDMI	BD-Video with 1080p/24 Hz content	*1, *2	480i	480p	720p 60 Hz	1080i 60 Hz	1080p 24/60 Hz *2
	Others						1080p 60 Hz

When TV System is set to PAL

	Resolution	Auto	480i/576i	480p/576p	720p	1080i	1080p
HDMI	BD-Video with 1080p/24 Hz content	*1, *2	576i	576p	720p 50 Hz	1080i 50 Hz	1080p 24/50 Hz *2
	Others						1080p 50 Hz

*1 Resolution is 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 If the source is 1080p 24 Hz content, and the connected TV supports 1080p 24 Hz content output, 1080p 24 Hz will be output instead of 1080p 50/60 Hz when resolution is set to Auto or 1080p, and Auto is set for HDMI 1080p 24Hz (p. 27) in Display Setting.

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

Some of the newly released Blu-ray Discs cannot be played back unless you upgrade this Player software to the latest version. We recommend upgrading the software of this Player with software upgrade so that this Player is operated based on the latest software.

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/LAN cable while the software upgrade is being performed.

■ Upgrading the software

1. Prepare for the software upgrade.

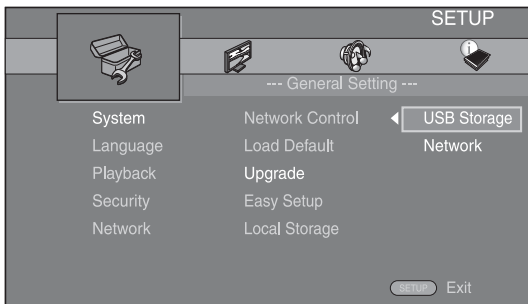
When you upgrade the software from USB Storage:

- 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.
Skip step 2.

When you upgrade the software from Network:
Confirm that this Player is connected to the network.

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

- ① Press **SETUP** to display SETUP menu screen.
- ② Select 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.


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

Upgrade is completed. The system will be reset.





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.	<ul style="list-style-type: none"> – Connect the AC power cable properly. – Press  on the front panel to turn on the power.
The Player power is turned off.	<ul style="list-style-type: none"> – The power will be automatically turned off after 30 continuous minutes of inactivity (no playback).

■ Basic operation

Problem	Possible causes and solutions
The remote control does not work.	<ul style="list-style-type: none"> – Use the remote control within its operating range. (p. 9) – Replace the batteries. (p. 9)
Buttons do not work.	<ul style="list-style-type: none"> – Press and hold  on the front panel for more than 5 seconds, and release to reset this Player. – To completely reset this Player, unplug the power cable from the AC outlet for 10 seconds or more, plug the power cable to the AC outlet again, and then turn on this Player.
Password is forgotten.	<ul style="list-style-type: none"> – 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. 25) 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.	<ul style="list-style-type: none"> – 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.	<ul style="list-style-type: none"> – The Player will stop if it senses shock or vibration.
The Player makes a snapping sound when starting playback or loading a disc.	<ul style="list-style-type: none"> – These sounds are not malfunctions of the Player but are normal operating conditions.

■ Picture

Problem	Possible causes and solutions
No picture.	<ul style="list-style-type: none"> - Make sure that the HDMI cable is connected correctly. (p. 10) - Make sure that the connected TV or the AV receiver is set to the correct input. (p. 10) - With no disc inserted, or playback stopped, press and hold ▶ and ■ on the front panel simultaneously to set video resolution to the default value. <p>If a picture is still not output, press and hold ■ on the front panel for approximately 5 seconds to switch NTSC/PAL.</p>
Screen freezes and operation buttons do not work.	<ul style="list-style-type: none"> - 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, and release to reset this Player.
Video is not output with the desired resolution.	<ul style="list-style-type: none"> - Set to the desired resolution. (p. 26)
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.	<ul style="list-style-type: none"> - Change the aspect ratio of your TV. (p. 26)
Square noise (mosaic) appears on the screen.	<ul style="list-style-type: none"> - Blocks in images may be visible in scenes with rapid movement due to the characteristics of digital image compression technology.
Audio is not output, or images are not played back properly.	<ul style="list-style-type: none"> - The audio may not be output or the images may not be played back properly for some discs in which copyright-protected contents are recorded.

■ Sound

Problem	Possible causes and solutions
No sound, or sound is distorted.	<ul style="list-style-type: none"> - Check that the HDMI 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)
Left and right channels of audio are reversed, or sound comes out of only one side.	<ul style="list-style-type: none"> - Check the HDMI connection. (p. 10)
Audio is not output, or images are not played back properly.	<ul style="list-style-type: none"> - The audio may not be output or the images may not be played back properly for some discs in which copyright-protected contents are recorded.
Cannot hear the sound of PIP (secondary audio).	<ul style="list-style-type: none"> - Set HDMI to PCM/Reencode. (p. 27) - To hear secondary audio, press 2ND AUDIO. (p. 6) - Depending on the disc, you may need to set secondary audio on the top menu of the disc. (p. 8)

■ Network

Problem	Possible causes and solutions
Cannot connect to the Internet.	<ul style="list-style-type: none"> - Connect the Network cable properly. - Turn on the connected equipment, such as broadband router or modem. - Connect the broadband router and/or modem properly. - Set the proper value(s) in the network setting. Check "Network". (p. 25)
Cannot download BD-Live contents.	<ul style="list-style-type: none"> - Connect the Network cable properly. (p. 11) - Connect USB memory device properly. Check that the USB memory device is connected to the USB connector of this Player. (p. 11) - Check if the Blu-ray Disc supports BD-Live. - Check the setting for "Internet Connection". (p. 25) - 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. 24) - Refer to the supplied user's manual of the disc or consult the disc manufacturer.
Cannot detect the DLNA server.	<ul style="list-style-type: none"> - Connect the network cable properly. - Turn on the connected equipment, such as broadband router or the server. - Confirm the Player and the server are connected to the same access point. - Set the proper value(s) in the network setting. Check "Network". (p. 25) - 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 home network server.	<ul style="list-style-type: none"> - 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.

■ 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. 11) and Network setting (p. 25).
Network is OK, proxy has FAILED.	- This Player cannot be connected to the proxy server. See "Proxy Setting" (p. 25).
BD-Live connection is prohibited in SETUP menu.	- BD-Live connection is prohibited. See "BD-Live Connection" (p. 25).
Upgrade has failed for some reason!	- Upgrade is failed. Check if the upgrade file is corrupted or unreadable.

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.

Blu-ray 3D™

Blu-ray 3D enables you to view full high definition 3D images.

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).

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.)

Lip Sync

Lip Sync, an abbreviation for lip synchronization, is a technical term that involves both a problem and a capability of maintaining audio and video signals synchronized during post-production and transmission. Whereas the audio and video latency requires complex end-user adjustments, HDMI incorporates an automatic audio and video syncing capability that allows devices to perform this synchronization automatically and accurately without user interaction.

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.S.A. and Canada models]	AC 110–240 V, 60 Hz
[Central and South America model]	AC 110–240 V, 50/60 Hz
[Australia model]	AC 110–240 V, 50 Hz
[U.K., Europe and Russia model]	AC 110–240 V, 50 Hz
[China model]	AC 110–240 V, 50 Hz
[Asia model]	AC 110–240 V, 50/60 Hz
[Korea model]	AC 110–240 V, 60 Hz
Power consumption (Normal)	18 W
Power consumption (Standby)	0.5 W or less
Dimensions (W × H × D)	435 × 50 × 202 mm (17-1/8 × 2 × 8 in)
Weight	2.0 kg (4.4 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
Other equipment	Ethernet × 1

Specifications are subject to change without notice.

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
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
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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 caer 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.

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.

ADVERTENCIA

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

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

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■ 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 : Vídeo BD

DVD : DVD-Vídeo, DVD-VR, DVD+VR

CD : CD de audio

VIDEO : archivos de vídeo

MUSIC : archivos de audio

PHOTO : archivos de fotos

2

3

4

5

Español

Qué puede hacer con este reproductor

Configuración sencilla de idioma, resolución y relación de aspecto de la pantalla → pág. 12

Puede ajustar la configuración de idioma y TV.

Reproducción de discos Blu-ray Disc™/Blu-ray 3D™/DVD/CD comercializados en el mercado* → pág. 17

Además de los discos Blu-ray, este reproductor también admite la reproducción de otros tipos de discos.

Reproducción de BONUSVIEW™, BD-Live™, etc.* → pág. 20

Puede disfrutar de más películas en los discos Blu-ray más recientes.

Reproducción de archivos de Vídeo, Música, Foto de un disco/dispositivos de memoria USB* → pág. 13

Con este reproductor se pueden reproducir archivos grabados en discos/dispositivos de memoria USB.

Reproducción de archivos de Vídeo, Música, Foto de un servidor doméstico de red **** → pág. 15

El contenido del PC se puede reproducir en el televisor o el receptor de A/V conectando este reproductor a un servidor de red.

Control con el mando a distancia del televisor, receptor de A/V, etc. → pág. 24

Puede conectar dispositivos con un cable HDMI y controlarlos con un único mando a distancia utilizando la función Control HDMI.

Transferencia de contenidos de reproducción en los servicios de red** → pág. 16

Puede disfrutar instantáneamente de vídeos a través de Internet con este reproductor.

* Para obtener información sobre los discos y formatos que se pueden reproducir, consulte la página 3.

** Para utilizar esta función, es necesaria la configuración de red.

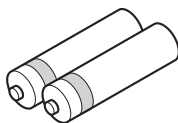
Piezas incluidas

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) WMA (.wma) AAC (.aac/.m4a) WAV (.wav) FLAC (.flac)	MKV con H.264 (.mkv) MPEG PS (.mpeg/.mpg) MPEG TS (.ts) MPEG-4 (.mp4) VOB (.vob) AVI (.avi) ASF (.asf) WMV (.wmv)	JPEG (.jpeg/.jpg) GIF (.gif) PNG (.png)

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 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.

Ejemplos de código de región	
BD-Video	DVD-Video
Código de región “A” o “ABC”	Código de región “1” 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.)
- No se garantiza la reproducción de todos los archivos de un disco, dispositivo de memoria USB y de la red.
- Un archivo con protección de los derechos de autor no se puede reproducir a través de un dispositivo de memoria USB o red.

Requisitos de los archivos de audio

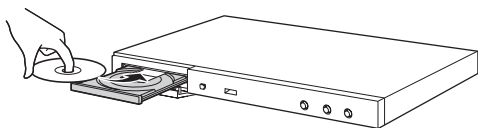
- Frecuencia de muestreo: entre 32 - 48 kHz (MP3/WMA), LPCM 44,1 kHz/16 bits/estéreo (WAV), 192 kHz/24 bits (FLAC)
- Bitrate: entre 8 - 320 kbps (MP3), 32 - 192 kbps (WMA)

Requisitos de los archivos WMV

- WMV9; la resolución máxima es de 1.920 × 1.080.

■ 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.

■ Aviso para ver imágenes de vídeo en 3D

- Algunas personas pueden sufrir molestias (como vista cansada, fatiga o náuseas) al ver imágenes de vídeo en 3D. Se recomienda a todos los espectadores realizar pausas periódicas durante la visualización de imágenes de vídeo en 3D.
- Si sufre alguna molestia, deje de ver las imágenes de vídeo en 3D hasta que ésta desaparezca. Consulte con un médico si sufre molestias agudas.
- Lea atentamente los manuales de instrucciones (del Blu-ray Disc y del televisor) y los mensajes de precaución que aparecen en el televisor.
- La vista de los niños pequeños (especialmente de menos de seis años) todavía está en proceso de desarrollo. Consulte con su médico (como un pediatra o un oftalmólogo) antes de permitir a niños pequeños ver imágenes de vídeo en 3D.
- Los niños pequeños deben estar bajo la supervisión de un adulto para garantizar que siguen las recomendaciones descritas anteriormente.

■ 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.

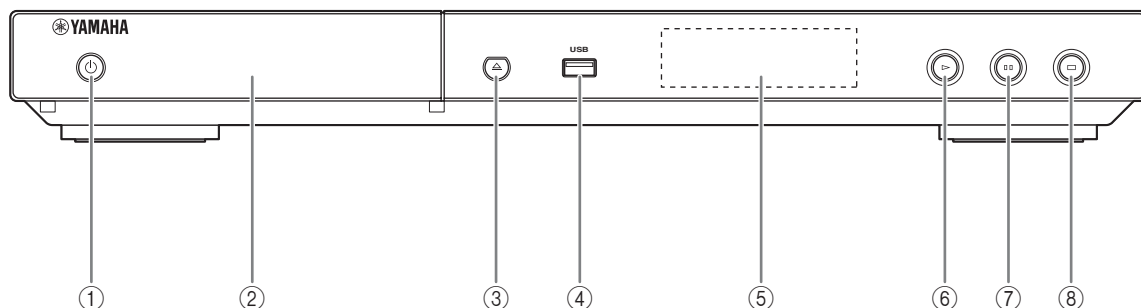
Reproducción detenida. Los contenidos que se están reproduciendo están protegidos por Cinavia™ y su reproducción en este dispositivo no está autorizada. Para más información, visite <http://www.cinavia.com>. Código de Mensaje 1.


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.

■ Panel delantero

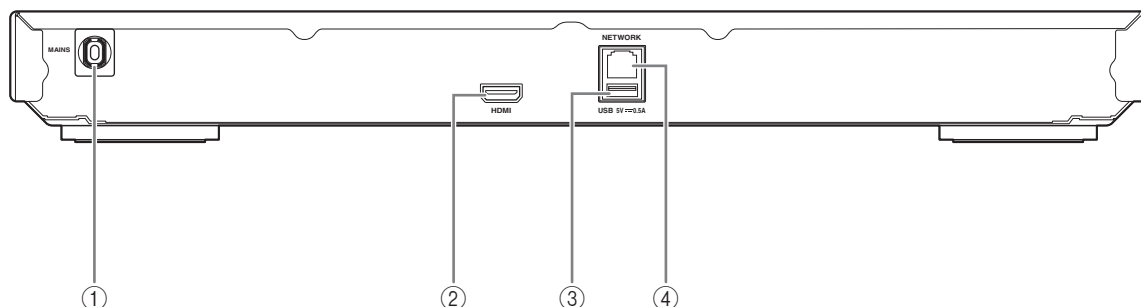


- ① **(Encendido/en espera)**
Pone en marcha el reproductor/activa el modo en espera. Mantenga pulsado  en el panel delantero durante más de 5 segundos y deje de pulsarlo para reiniciar el reproductor (se reiniciará el sistema).
- ② **Puerta de la bandeja portadiscos**
- ③ **(Expulsar)**
Abre/cierra la bandeja portadiscos.
- ④ **Conector USB (pág. 11)**
- ⑤ **Visor del panel delantero**
Muestra distintos tipos de información sobre el estado del dispositivo.
- ⑥ **(Reproducción)**
Inicia la reproducción.
- ⑦ **(Pausa)**
Pone la reproducción en pausa.
- ⑧ **(Detener)**
Detiene la reproducción.

Nota

- Una película protectora colocada en la fábrica cubre el panel delantero de este reproductor. Retírela antes de empezar a utilizar el reproductor.

■ Panel trasero



- ① **Cable de alimentación**
Este reproductor tiene un cable de alimentación cautivo. Conéctelo a una toma de corriente de CA después de realizar todas las conexiones (pág. 10).
- ② **Terminal HDMI (pág. 10)**
- ③ **Conector USB (pág. 11)**
- ④ **Terminal NETWORK (pág. 11)**


Nota

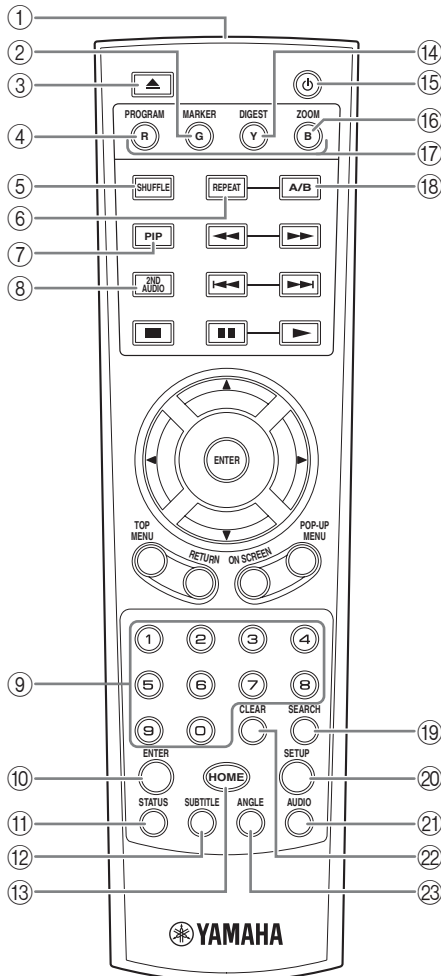
- Para prevenir el riesgo de descargas eléctricas, no toque las partes sin aislamiento de ningún cable cuando el cable de alimentación esté conectado.








- ② **Terminal HDMI (pág. 10)**
- ③ **Conector USB (pág. 11)**

Mando a distancia


Nota

-  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 **MARKER DVD VIDEO:** establece un Marcador (pág. 19) en un punto concreto de una película. Tras definir un Marcador, para seleccionar el punto de ajuste al que desea ir, pulse **DIGEST**. Puede definir hasta 12 marcadores.
- 3 : abre/cierra la bandeja portadiscos.
- 4 **PROGRAM DVD CD:** establece el orden de reproducción (pág. 19). Puede configurar hasta 15 pistas (para discos de audio) o títulos/capítulos (DVD-Video).
- 5 **SHUFFLE DVD CD VIDEO MUSIC PHOTO:** selecciona el modo de reproducción aleatoria (pág. 17).
- 6 **REPEAT BD DVD CD VIDEO MUSIC PHOTO:** 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.
- 7 **PIP BD:** permite encender/apagar la función Imagen en pantalla (pág. 20). Marca PIP () se muestra en pantalla cuando esta función está disponible. También puede seleccionar esta opción desde el menú en pantalla (pág. 17).

Nota

- Marca PIP se muestra solo cuando la Marca PIP está activada (pág. 25).
- 8 **2ND AUDIO BD:** selecciona el audio secundario de la función Imagen en imagen (pág. 20) o los comentarios de audio. Cuando esta función está disponible se muestra en pantalla Marca Audio Secundario () (pág. 27). También puede seleccionar esta opción desde el menú en pantalla (pág. 17).

Nota

- Marca Audio Secundario se muestra solo cuando la Marca Audio Secundario está activada (pág. 25).
- 9 **Botones numéricos:** 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.

- ⑩ **ENTER:** selecciona el menú/opción resaltado.
- ⑪ **STATUS:** muestra la información de reproducción (pág. 18).
- ⑫ **SUBTITLE** **BD** **DVD** **VIDEO**: permite cambiar el idioma de los subtítulos (pág. 35) si está disponible. También puede seleccionar esta opción desde el menú en pantalla (pág. 17).
- ⑬ **HOME:** muestra la pantalla del menú HOME (pág. 13).
- ⑭ **DIGEST** **PHOTO**: muestra 12 fotografías en miniatura. Cuando se muestran las miniaturas, puede ir a la página siguiente o anterior con ◀◀/▶▶.
- DVD** **VIDEO**: muestra la barra de selección Marcador (pág. 19).
- ⑮ **⏻**: enciende el reproductor o lo pone en modo de espera.
- ⑯ **ZOOM** **DVD** **VIDEO** **PHOTO**: acerca/aleja la imagen. El tamaño de la pantalla cambiará cada vez que pulse la tecla (acercar/alejar la imagen: 3 pasos cada uno).
- ⑰ **Botones de colores** **BD**: utilice estos botones según las instrucciones en pantalla.
- ⑱ **A/B** **BD** **DVD** **CD** **VIDEO** **MUSIC**: permite reproducir una parte específica que desee repetir.
 - 1 Pulse **A/B** en la escena donde desee establecer el punto inicial. Aparecerá "A-" en la pantalla.
 - 2 Vuelva a pulsar **A/B** en la escena donde desee establecer el punto final. Aparecerá "A-B" en la pantalla. Se inicia la reproducción de la repetición.
 - 3 Para cancelar la reproducción de la repetición, pulse **A/B**. Desaparecerá "A-B" y terminará la reproducción de la repetición.

Nota

– Es posible que esta función no se pueda realizar dependiendo de las especificaciones del disco.

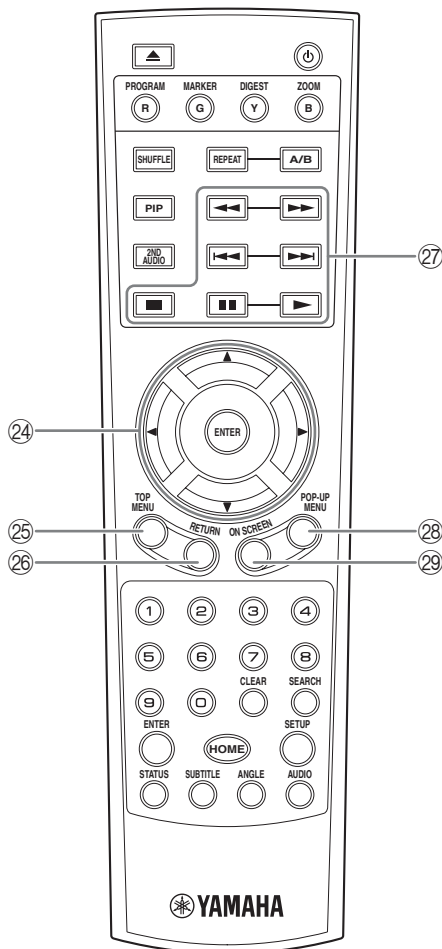
- ⑲ **SEARCH** **BD** **DVD** **CD** **VIDEO** **MUSIC**: permite ir a un punto especificado durante la reproducción. Para conocer los detalles sobre esta función, consulte "Uso de la búsqueda" (pág. 19). También puede seleccionar esta opción desde el menú de estado (pág. 18).
- ⑳ **SETUP:** muestra la pantalla de menú SETUP (pág. 21).
- ㉑ **AUDIO** **BD** **DVD**: permite cambiar el idioma o formato de audio. También puede seleccionar esta opción desde el menú en pantalla (pág. 17).
- ㉒ **CLEAR:** borra el número introducido o la opción seleccionada.

- ㉓ **ANGLE** **BD** **DVD**: permite cambiar el ángulo de la cámara si el vídeo se ha grabado con varios ángulos. Cuando esta función está disponible se muestra en pantalla Marca de Angulo (📐). También puede seleccionar esta opción desde el menú en pantalla (pág. 17).

Nota

– Marca de Angulo se muestra solo cuando la Marca de Angulo está activada (pág. 25).

Continúa en la página siguiente. ➔



24 **Botones de cursor (▲/▼/◀/▶)**: permiten cambiar la selección en la pantalla de menú.

ENTER: selecciona el menú/opción resaltado.

25 **TOP MENU** **BD** **DVD**: 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,

26 **RETURN**: permite volver al menú o pantalla anterior, etc.

27 **Botones de control**

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

■: detiene la reproducción. Para detener totalmente la reproducción, pulse dos veces este botón.

■: pone la reproducción en pausa.

▶: reproduce el contenido.

◀/▶

BD **DVD** **CD** **VIDEO** **MUSIC**:

permite buscar hacia atrás/hacia adelante. La velocidad de búsqueda cambiará cada vez que pulse el botón (buscar hacia atrás/adelante: 5 pasos cada uno). Pulse ▶ para reanudar la reproducción normal.

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

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

Nota

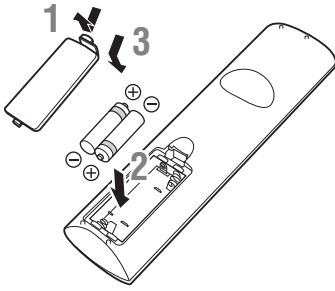
– En función del disco, el reproductor reanuda la reproducción desde el punto en el que se paró anteriormente el reproductor. Para reproducir desde el principio, pulse ■ dos veces y después ▶.

28 **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.

29 **ON SCREEN**: muestra el menú en pantalla (pág. 17).

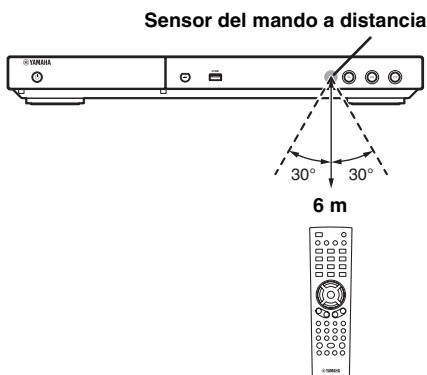
Instalación de las pilas en el mando a distancia



Notas

- Cambie las dos pilas cuando note que disminuye el alcance del mando a distancia.
- Utilice pilas AAA, R03 y 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



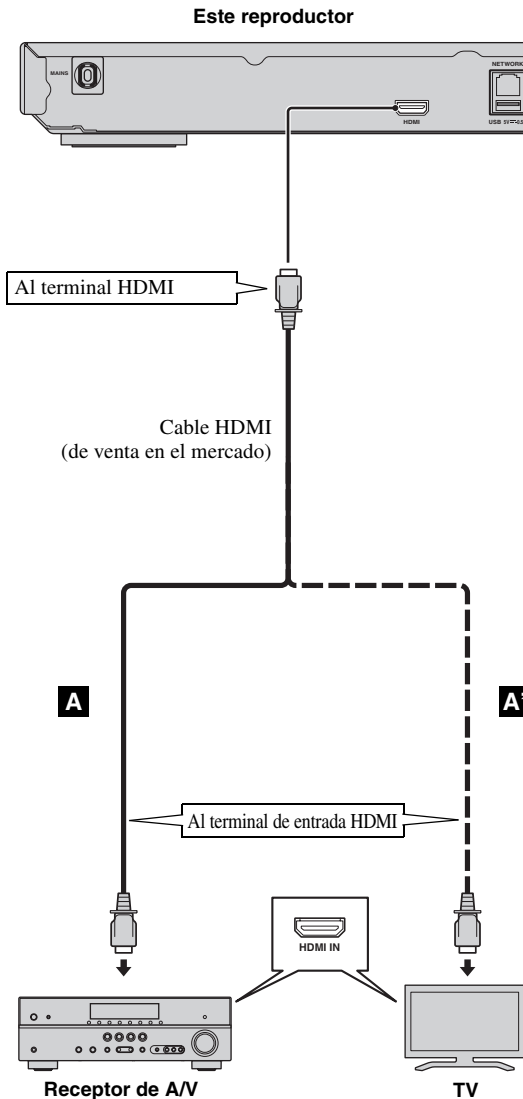
Conexión HDMI

■ Conexión con el terminal HDMI

- Puede disfrutar de imagen y sonido digital de alta calidad a través del terminal HDMI.
- Conecte con firmeza un cable HDMI (de venta en el mercado) a los terminales HDMI.
- Consulte la página 28 para obtener información sobre los formatos de salida de audio/vídeo.
- Utilice cables HIGH SPEED HDMI con el logotipo HDMI (tal como se muestra en la contraportada).

¡Precaución!

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



Consejos

- Cuando utilice la función Control HDMI, consulte “Control HDMI” (pág. 24).
- Para obtener más información sobre el modo de salida del terminal HDMI, consulte “HDMI” (pág. 27).
- Si no aparece la imagen, consulte “Resolución de problemas” (pág. 32).

■ Conexión para la reproducción de discos Blu-ray 3D

Para disfrutar de discos Blu-ray 3D en este reproductor, necesita los equipos y conexiones siguientes:

- Necesita un televisor y un receptor de A/V (si es preciso) con funcionalidad 3D.
- Todos los componentes deben estar conectados con cables HDMI.
- El Blu-ray Disc debe contener imágenes 3D.
- Debe ajustar la opción Salida 3D de Configuración de pantalla (pág. 26) en Auto.

Conexión de red y USB

2

Conexiones

■ Conexión con el terminal NETWORK

- El contenido del PC se puede reproducir conectando este reproductor a la red.
- Puede disfrutar de un amplio abanico de contenidos con funciones interactivas mediante la conexión a Internet cuando reproduzca discos compatibles BD-Live. Consulte la página 20 para obtener más información sobre las funciones de BD-Live.

Notas

- Conecte con firmeza un cable de red (de venta en el mercado) al terminal NETWORK.
- Utilice solo un cable de red STP (par trenzado blindado).
- Cuando utilice Internet, necesitará una conexión a Internet de banda ancha como se muestra más abajo.
- Conecte el otro conector del cable de red al nodo/enrutador de banda ancha.
- Cuando utilice una conexión a Internet de banda ancha, es necesario un contrato con un proveedor de servicios de Internet. Para más información, póngase en contacto con su proveedor de servicios de Internet más cercano.
- 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 Internet.
- Emplee un cable de red/enrutador compatible con 10BASE-T/100BASE-TX.

■ Conexión con el conector USB

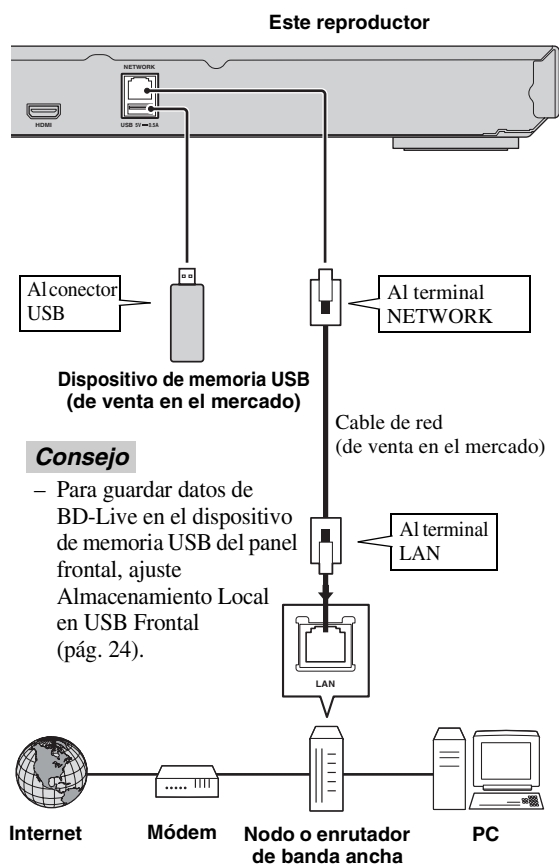
- Puede conectar un dispositivo de memoria USB para Almacenamiento Local al conector USB del panel posterior (o delantero) del reproductor para guardar los datos BD-Live o para actualizar el software de este reproductor.
- Conecte con firmeza un dispositivo de memoria USB (de venta en el mercado) al conector USB.

PRECAUCIÓN:

- No desconecte el dispositivo de memoria USB ni desenchufe el cable de alimentación mientras se estén realizando las operaciones de BD-Live (pág. 20) o se esté llevando a cabo la actualización del software.
- 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.

Nota

- Yamaha no puede garantizar que los dispositivos de memoria USB de todas las marcas funcionen con este reproductor.



Consejo

- Para guardar datos de BD-Live en el dispositivo de memoria USB del panel frontal, ajuste Almacenamiento Local en USB Frontal (pág. 24).

Español

Después de la conexión

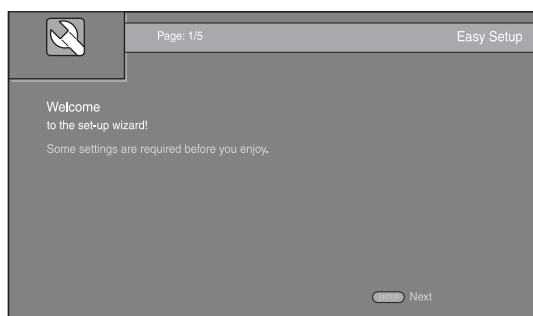
- Para configurar el parámetro de Red manualmente, consulte "Red" (pág. 25).
- Para reproducir el contenido del PC conectado a su red, consulte "Uso de contenidos de red" (pág. 15).

Asistente inicial/Configuración Sencilla

■ Configuración con el Asistente inicial/Configuración Sencilla

Asistente inicial/Configuración Sencilla le permite configurar fácilmente el idioma, la resolución y la relación de aspecto de la pantalla. La pantalla del Asistente inicial 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 Configure el idioma, la resolución y la relación de aspecto de la pantalla siguiendo los mensajes que aparecen en pantalla.

Notas

- Si no aparece la imagen tras completar Asistente inicial/Configuración Sencilla, consulte “Resolución de problemas” (pág. 32).
- Aparecerá un mensaje de advertencia acerca de la reproducción de vídeo en 3D al encender este reproductor. Pulse **ENTER** para descartar el mensaje o **CLEAR** para desactivarlo (pág. 24).

Menú HOME/MEDIA

Los menús HOME y MEDIA le permiten examinar y reproducir archivos multimedia guardados en discos de datos, dispositivos de memoria USB y en su red.

Nota

- Para obtener información sobre los discos y formatos que se pueden reproducir, consulte la página 3.

■ Reproducción de fotos/música/vídeo

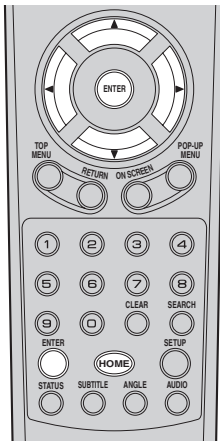
Funcionamiento básico

◀/▶/▲/▼: mueve la selección.

◀: vuelve a la carpeta principal.

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

ENTER: confirma la carpeta/archivo.



Iconos sobre el menú MEDIA

: reproduce el disco que hay en la bandeja o muestra el contenido del disco de datos.

: muestra el contenido del dispositivo de memoria USB conectado al conector USB.

: busca un servidor DLNA (pág. 15) en la red.

: muestra el contenido del servidor DLNA conectado.

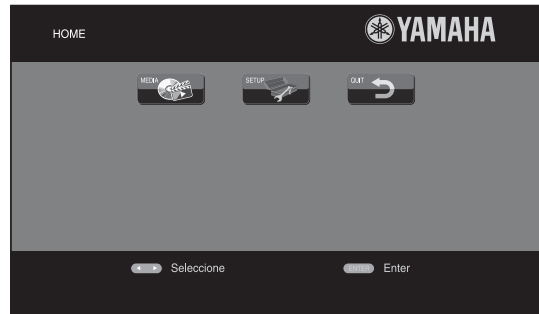
Operaciones comunes para la reproducción de archivos en una carpeta seleccionada

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 MEDIA.

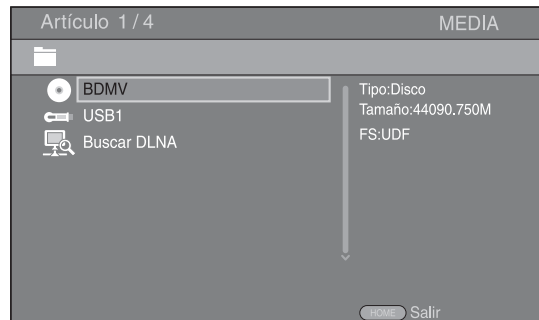
1 Pulse **HOME** para ir a la pantalla del menú HOME.



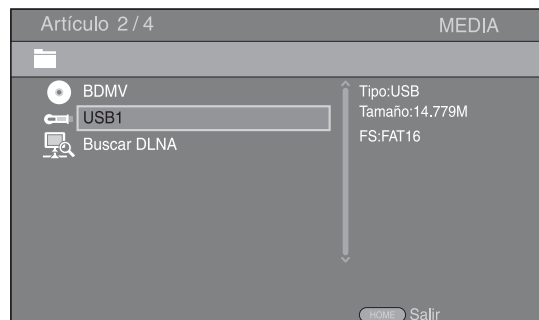
Consejo

- La pantalla del menú HOME puede variar en función del modelo.

2 Pulse ◀/▶/▲/▼ para seleccionar MEDIA y, a continuación, pulse **ENTER**. Aparece la pantalla MEDIA.




3 Seleccione el elemento que contiene el archivo que desea reproducir y, a continuación, pulse **ENTER**.

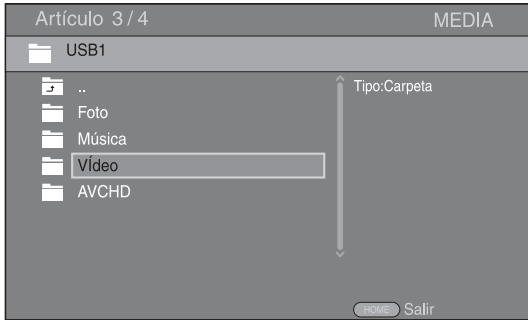


3

Reproducción

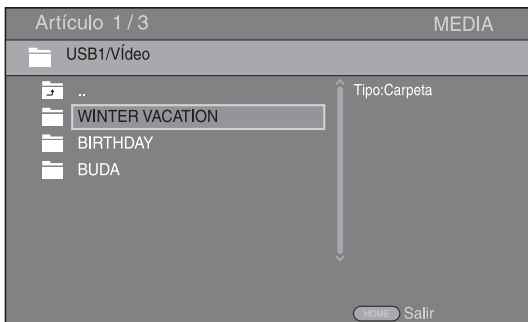
Español

- 4 Seleccione la carpeta de Foto, Música, Vídeo o AVCHD que desea reproducir y, a continuación, pulse **ENTER**. Para volver a la carpeta principal, pulse ◀ o seleccione .

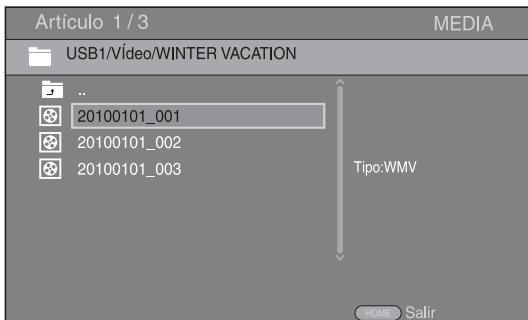


Nota

- 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. Cuando desee reproducir un tipo de archivo que no sea de fotos, vuelva a este paso y seleccione de nuevo el tipo de archivo.
- 5 Seleccione las carpetas que contienen el archivo que desea reproducir.



- 6 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.


: pone en pausa el pase de diapositivas.


: reproduce un pase de diapositivas.


: pasa a la foto siguiente.


: pasa a la foto 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.

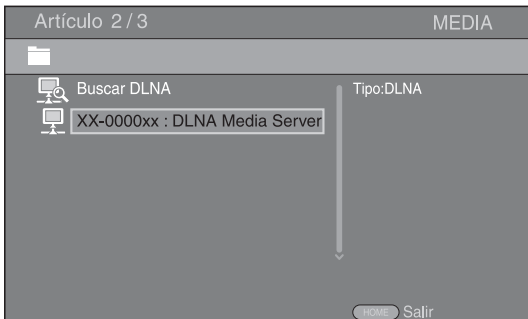
DIGEST: activa el modo de miniaturas (pág. 7). Cuando se muestran las miniaturas, puede ir a la página siguiente o anterior con /.

■ Uso de contenidos de red

Este reproductor cuenta con la certificación DLNA (pág. 34). Puede administrar fotos, música y vídeos almacenados en servidores DLNA de su red doméstica.

Reproducción de contenido compartido

- 1 Para reproducir archivos guardados en su PC, instale un software de servidor DLNA como, por ejemplo, Windows Media Player 12 y comparta los archivos que desee reproducir.
- 2 Encienda el PC con el software de servidor DLNA instalado o el dispositivo DLNA conectado a su red doméstica.
- 3 Pulse **HOME** para mostrar la pantalla del menú HOME. Seleccione MEDIA para pasar al menú MEDIA. Los servidores DLNA conectados a la red aparecen en pantalla.



Notas

- Si su servidor DLNA no aparece en la lista, seleccione Buscar DLNA para buscarlo.
 - Dependiendo del servidor DLNA, es posible que sea necesario autorizar al reproductor desde el servidor.
 - Para reproducir el archivo guardado en el servidor DLNA, el reproductor y el servidor deben estar conectados al mismo punto de acceso.
 - Es posible que los requisitos de archivo no siempre sean compatibles. Puede haber algunas restricciones dependiendo de las características de los archivos y de la capacidad del servidor DLNA.
- 4 Seleccione el archivo que desee reproducir.

Notas

- La calidad de funcionamiento y reproducción podría verse afectada por las condiciones de la red doméstica.
- Es posible que los archivos de soportes extraíbles como dispositivos de memoria USB o unidades de DVD del servidor de soportes no se compartan correctamente.

Uso de servicios de red

Puede ver al instante los vídeos que ofrecen los servicios de red siguientes.

- YouTube

Notas

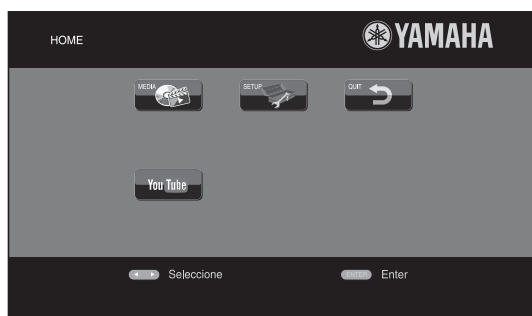
- El acceso a contenidos suministrados por terceros requiere una conexión a Internet de alta velocidad y, a veces, también un registro de cuenta y una suscripción de pago.
- Los servicios de contenidos de terceros pueden modificarse, suspenderse, interrumpirse o dejar de proporcionarse en cualquier momento 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.

Reproducción de vídeos de YouTube™

Puede ver películas de YouTube a través de Internet mediante este reproductor.

Los servicios pueden modificarse sin previo aviso.

- 1 Pulse **HOME** para mostrar la pantalla del menú HOME.



Consejo

- La pantalla del menú HOME puede variar en función del modelo.

- 2 Pulse **◀/▶/▲/▼** para seleccionar YouTube y, a continuación, pulse **ENTER**.

Consejo

- Para volver a la pantalla del menú HOME, pulse **RETURN**.

Funciones avanzadas de reproducción

3

Reproducción

Español

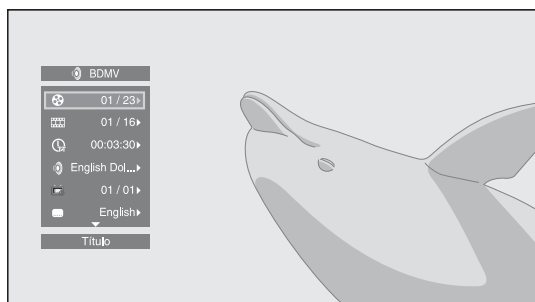
En este capítulo se explica la reproducción de discos Blu-ray, DVD y CD de venta en el mercado, así como discos DVD-RW/R grabados.

Nota

- Para conocer las funciones básicas de reproducción, consulte la página 6.

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 seleccionado si hay subtítulos.

Estilo subtítulos **BD**: muestra el estilo de los subtítulos seleccionado. 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. 6).

Audio Secundario **BD**: activa o desactiva el audio secundario (pág. 6).

Búsqueda Ins

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

Repetición Ins

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

Pase de diapositivas: PHOTO

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

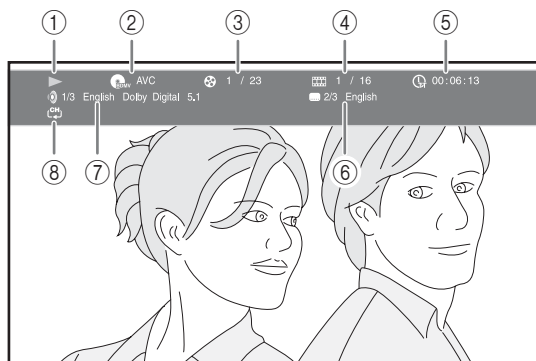
Transición **PHOTO**: muestra cómo aparece la foto en la pantalla. Puede seleccionar el tipo de transición.

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

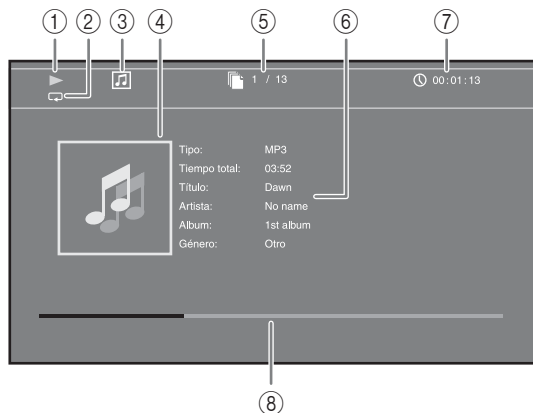
Ejemplo: Iconos que aparecen al reproducir un Blu-ray Disc



- ① ▶ (Estado de reproducción)
- ② (Icono de tipo de disco/archivo de vídeo)
- ③ (Número del título que se está reproduciendo): puede ir al título especificado con el botón **SEARCH** (pág. 7).
- ④ (Número del capítulo que se está reproduciendo): puede ir al capítulo especificado con el botón **SEARCH** (pág. 7).
- ⑤ (Tiempo de reproducción transcurrido): puede ir al punto especificado con el botón **SEARCH** (pág. 7).
- ⑥ (Subtítulo seleccionado): puede cambiar el idioma de los subtítulos con el botón **SUBTITLE**.
- ⑦ (Audio seleccionado): puede cambiar el formato o idioma de audio con el botón **AUDIO**.
- ⑧ (Modo repetición): muestra el modo de repetición actual (pág. 6).

CD MUSIC

Ejemplo: Iconos que aparecen al reproducir un archivo de música



- ① ▶ (Estado de reproducción)
- ② (Modo repetición): muestra el modo de repetición actual (pág. 6).
- ③ (Icono de tipo de disco/archivo de música)
- ④ (Gráficos) **MUSIC**: muestra gráficos si el archivo tiene estos contenidos.
- ⑤ (Número de pista/archivo reproducido): puede ir a la pista especificada con el botón **SEARCH** (pág. 7).
- ⑥ (Información) **MUSIC**: muestra información sobre la música si está incluida en el archivo.
- ⑦ (Tiempo de reproducción transcurrido): puede ir al punto especificado con el botón **SEARCH** (pág. 7).
- ⑧ (Barra de progreso) **MUSIC**: muestra el estado de progreso de la canción actual.

PHOTO



- ① ▶ (Estado de reproducción)
- ② (Icono de archivo de fotos)
- ③ (Número del archivo mostrado)
- ④ (Modo repetición): muestra el modo de repetición actual (pág. 6).
- ⑤ (Velocidad de pase de diapositivas)

■ Uso de Marcador **DVD VIDEO**

Le permite establecer un Marcador en un punto especificado del vídeo. Después de establecer el Marcador, puede ir al punto elegido utilizando esta función. Puede definir hasta 12 marcadores.

- 1 Pulse **MARKER** durante la reproducción de la película para definir un Marcador. Se muestran el número de Marcador y el estado.

Marcador: 1/12 Título: 1 Capítulo: 1 Hora: 00:01:26

- 2 Después de establecer el Marcador, pulse **DIGEST** para mostrar la barra de selección de Marcador.

Título:01 Capítulo:01 Hora: 00:01:26 Marcador
 01 02 03 04 05 06 07 08 09 10 11 12 Claro

- 3 Pulse **◀▶** para seleccionar el Marcador que desee reproducir y, a continuación, pulse **ENTER**. Pulse **CLEAR** para eliminar el Marcador seleccionado.

Nota

- Cuando finaliza la reproducción (por ejemplo, al expulsar el disco o al presionar **■** dos veces), los marcadores se eliminan automáticamente.

■ Programación de la reproducción **DVD CD**

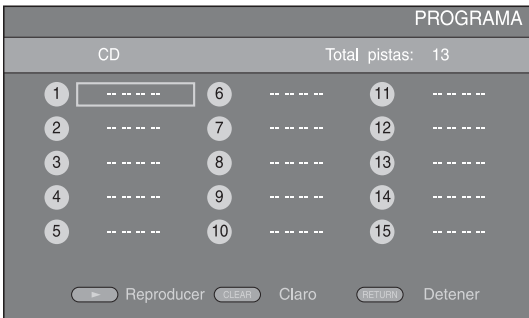
Esta opción le permite programar el orden de reproducción de las pistas de un disco de audio o de los capítulos de un DVD.

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 las pistas de un 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 de vídeo, seleccione un título (indicado con TT) y un capítulo (indicado con 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 **■** dos veces.





■ 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™

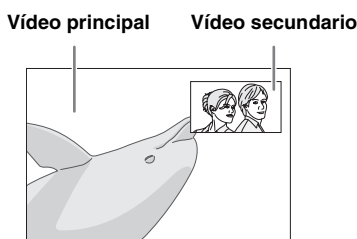
Este reproductor admite las funciones de reproducción de BONUSVIEW (pág. 34) (BD-ROM Perfil 1 versión 1.1) y BD-Live (pág. 34) (BD-ROM Perfil 2).

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.



Mientras se muestra Marca PIP (PIP) o Marca Audio Secundario (AS), 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 encuentre en la posición PCM o Recodificar (pág. 27).
- Dependiendo del disco, para escuchar audio secundario, es posible que tenga que activar el audio secundario desde el menú principal del disco (pág. 8).
- 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. 25).

2. Conecte el dispositivo de memoria USB al reproductor (pág. 11).

Los datos de BD-Live se guardan en un dispositivo de memoria USB conectado a este reproductor. Para disfrutar de estas funciones, conecte un dispositivo de memoria USB compatible con USB 2.0 de alta velocidad (480 Mbit/s) al conector USB seleccionado en Almacenamiento Local (pág. 24). La configuración predeterminada es el conector USB del panel trasero.

- 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 otro dispositivo de memoria USB.
- 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

- En relación con el método de reproducción de contenidos BD-Live, etc., lleve a cabo las operaciones de acuerdo con las instrucciones del manual del Blu-ray Disc.
- Para disfrutar de las funciones de BD-Live, realice la conexión de red (pág. 11) y los ajustes de Red (pág. 25).
- Consulte el apartado “Conexión BD-Live” (pág. 25) para obtener información sobre la configuración para restringir el acceso a contenidos 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. 24).

Menú SETUP

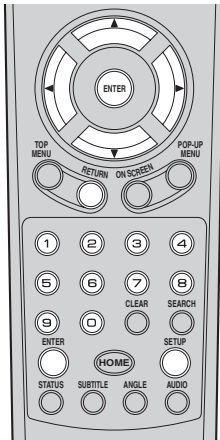
El menú SETUP permite realizar diversos ajustes y configuraciones audiovisuales en las funciones utilizando el mando a distancia.

Menú/submenú	Opción	Función	Página	
 Configuración General	Sistema	Protector de pantalla	Activa/desactiva el protector de pantalla.	24
	Reproducción Automática Disco	Ajusta el reproductor para que inicie automáticamente la reproducción del disco.	24	
	Control HDMI	Configura el reproductor para que reciba la señal de control desde el mando a distancia de su televisor/receptor de A/V.	24	
	Cargar configuración por defecto	Restablece todos los ajustes a los valores predeterminados, excepto el ajuste Seguridad.	24	
	Actualizar	Aplica la actualización del reproductor.	24	
	Configuración Sencilla	Ajusta el idioma, la resolución y la relación de aspecto de la pantalla.	24	
	Almacenamiento Local	Muestra el estado de Almacenamiento Local (pág. 24), formatea Almacenamiento Local y selecciona el conector USB delantero o posterior de Almacenamiento Local.	24	
	Mensaje Reproducción 3D	Muestra un mensaje de advertencia acerca de la reproducción de vídeo en 3D al encender este reproductor.	24	
	Idioma	OSD	Selecciona el idioma del menú en pantalla.	24
	Menú	Permite dar prioridad al idioma del menú del disco.	24	
	Audio	Permite dar prioridad al idioma del audio.	24	
	Subtítulo	Permite dar prioridad al idioma de los subtítulos.	24	
	Reproducción	Marca de Angulo	Permite mostrar la Marca de Angulo cuando se reproducen Blu-ray Disc/DVD con varios ángulos.	25
	Marca PIP	Permite mostrar la Marca PIP cuando se reproducen Blu-ray Disc/DVD con Imagen en imagen.	25	
	Marca Audio Secundario	Permite mostrar la Marca Audio Secundario cuando se reproducen Blu-ray Disc/DVD con audio secundario.	25	
	Memoria última	Configura este reproductor para que recuerde la última posición de reproducción de un disco cuando se pone en modo de espera o si se abre la bandeja portadiscos.	25	
	Seguridad	Cambiar Contraseña	Permite cambiar la contraseña de Control Paterno y Código de país.	25
	Control Paterno	Establece el Control Paterno en función del contenido del disco.	25	
	Código de país	Establece el Código de país.	25	
	Red	Conexión a Internet	Permite definir la conexión a Internet en Permitir/Desactivar.	25
	Información	Muestra la pantalla de información de red.	25	
	Prueba de conexión	Realiza la prueba de conexión de red.	25	
	Configuración IP	Permite definir la configuración IP en Auto/Manual.	25	
	Conexión BD-Live	Permite definir la conexión a BD-Live en Autorizada/Permitida Parcialmente/Prohibido.	25	
	DLNA	Permite definir la conexión a DLNA en Permitir/Desactivar.	25	
	Configuración Proxy	Permite definir la configuración proxy.	25	

Menú/submenú	Opción	Función	Página	
 Configuración de pantalla	TV	Salida 3D	Selecciona vídeos en 3D o 2D.	26
	Pantalla de TV	Ajusta la relación de aspecto de la pantalla del televisor conectado y ajusta la salida de vídeo.	26	
	Seleccionar Salida de Video	Selecciona la resolución de la salida de vídeo.	26	
	Sistema de TV	Permite seleccionar el Sistema de TV entre NTSC/PAL/Multi.	26	
	Color Space	Permite seleccionar Color Space entre YCbCr 4:4:4/YCbCr 4:2:2/Full RGB/RGB.	26	
	HDMI Deep Color	Permite seleccionar HDMI Deep Color entre 30 bits/36 bits/48 bits/Desactivar.	26	
	HDMI 1080p 24Hz	Ajusta HDMI 1080p 24Hz en la configuración automática o lo desactiva.	27	
	Sincronismo de labios	Ajusta el retardo entre vídeo y audio, como por ejemplo cuando el movimiento de la boca no se corresponde con la voz.	27	
	Procesamiento de Video	Modo de vídeo	Ajusta la imagen visual.	27
	Ajuste de color	Ajusta Brillo/Saturación/Tonalidad para cada color.	27	
	Reducción de ruido	Ajusta el nivel de Reducción de ruido.	27	
Modo desentrelazado	Ajusta cómo detectar la señal de vídeo.	27		
 Configuración de audio	Salida de audio	HDMI	Permite seleccionar el modo de salida del terminal HDMI entre Bitstream/PCM/Recodificar/Desactivar.	27
	DRC	Define el valor de DRC (Compresión de gama dinámica).	27	
 Sistema de Información		Muestra la versión de software y la dirección MAC (pág. 34).	27	

■ 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: Ajuste del Control Paterno

Nota

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

1. Muestre la pantalla del menú SETUP.

Pulse **SETUP** para mostrar la pantalla del menú SETUP.

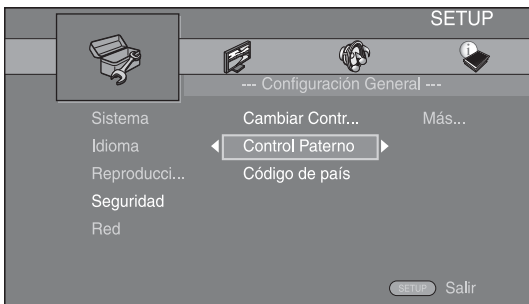
Pulse **◀/▶** para seleccionar Configuración General y, a continuación, pulse **ENTER** o **▼**.

2. Seleccione un submenú.

Pulse **▲/▼** para seleccionar Seguridad y, a continuación, pulse **ENTER** o el cursor **▶**.

3. Seleccione una opción del menú.

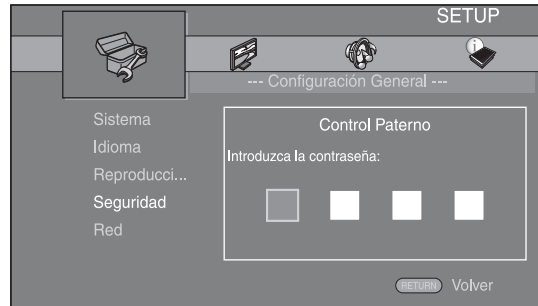
Pulse **▲/▼** para seleccionar Control Paterno y, a continuación, pulse **ENTER** o el cursor **▶**.



4. Introduzca la contraseña.

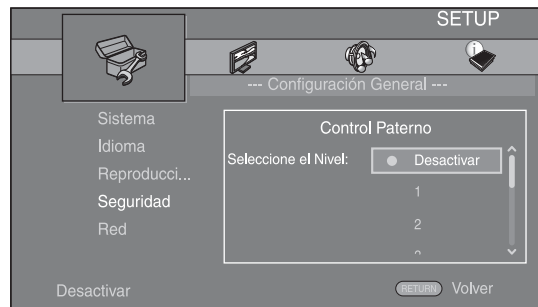
Introduzca la contraseña con los botones numéricos.

- La contraseña predeterminada es 0000.
- No puede ir a la siguiente pantalla de configuración hasta que no haya introducido la contraseña correcta.
- Para cambiar la contraseña, consulte el apartado “Cambiar Contraseña” (pág. 25).



5. Seleccione otra opción.

Pulse **▲/▼** para seleccionar el nivel de Control Paterno para Blu-ray Disc/DVD y, a continuación, pulse **ENTER**.



6. Salga de la pantalla del menú.

Pulse **◀** para volver al menú anterior.

■ Configuración General

Los ajustes predeterminados están marcados con “***”.

Sistema

Protector de pantalla

Puede activar o desactivar el protector de pantalla. Cuando se activa, el reproductor pasará al modo de protector de pantalla si no se utiliza durante 3 minutos. Posteriormente, el reproductor pasará al modo de espera cuando no se utilice durante 27 minutos.

Activar*, Desactivar

Reproducción Automática Disco

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

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*

Utilización 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. 24), 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. 25). Para obtener información sobre los ajustes predeterminados, consulte las páginas 21–27.

Actualizar

Puede actualizar el software manualmente desde Almacenamiento USB o Red. Para obtener información sobre la actualización de software, consulte “Actualización de software” (pág. 30).

Configuración Sencilla

Puede realizar la Configuración Sencilla (pág. 12).

Almacenamiento Local

Puede mostrar información de Almacenamiento Local, formatear Almacenamiento Local y seleccionar USB Frontal/USB Trasera para guardar los datos de BD-Live. Para formatear (vaciar) la carpeta “BUDA” en el dispositivo de memoria USB, seleccione Información y pulse **ENTER** mientras “Formato” está seleccionado en la pantalla.

USB Frontal, USB Trasera*

Consejo

- Almacenamiento Local se utiliza como memoria auxiliar cuando se reproduce un Blu-ray Disc.

Mensaje Reproducción 3D

Puede activar o desactivar la visualización de un mensaje de advertencia acerca de la reproducción de vídeo en 3D en el televisor al encender este reproductor.

Activar*, Desactivar

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, Русский, 中文

Menú

Puede dar prioridad al idioma del menú del disco.

English, Français, 中文, Español, Deutsch, Italiano, Nederlandse, Portugués, Danés, Svenska, Finlandés, Noruego, 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. 24).

Subtítulo


Puede dar prioridad al idioma de los Subtítulo.

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

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


Reproducción

Marca de Angulo

Puede ajustar la visualización de la Marca de Angulo () cuando se reproducen Blu-ray Disc/DVD con varios ángulos.


Activar*, Desactivar

Marca PIP

Puede ajustar la visualización de la Marca PIP () cuando se reproducen Blu-ray Disc (pág. 20) con Imagen en imagen.

Activar*, Desactivar

Marca Audio Secundario

Puede ajustar 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 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 ajustar la contraseña para cambiar el nivel de Control Paterno y el Código de país. Consulte “Control Paterno” (pág. 25) y “Código de país” (pág. 25).

Notas

- La contraseña predeterminada es 0000.
- Si olvida la contraseña, consulte “Resolución de problemas” (pág. 31) y restaure todos los ajustes predeterminados de Seguridad.

Control Paterno

En algunos discos Blu-ray/DVD, existe un nivel de control para la visualización del disco en función de la edad del espectador. Puede ajustar el Control Paterno mostrado en pantalla en función del contenido del disco. Es necesario introducir la contraseña (consulte “Cambiar Contraseña” en pág. 25) 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. 25) antes de ajustar el Código de país. Este parámetro puede utilizarse para la calificación de Control Paterno y reproducción de discos.

Red

Conexión a Internet

Ajuste esta opción en Permitir cuando utilice BD-Live (pág. 20) o DLNA (pág. 15), actualice el software desde la red (pág. 30) o use otras funciones de red.

Permitir*, Desactivar

Información

Puede mostrar la pantalla de información de red. En esta pantalla puede ver 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. 25) 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 configurar los ajustes de red (Dirección IP, Máscara de subred, Default Gateway y DNS) manualmente.

Consejos

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

Conexión BD-Live

Puede definir la restricción de acceso a los contenidos 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.

DLNA

Puede ajustar la función DLNA (pág. 34) en Permitir/Desactivar. Cuando no utilice la función DLNA, ajústela en Desactivar.

Permitir*, Desactivar

Configuración Proxy

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

Permitir Activa los ajustes del host y el puerto proxy.

Desactivar* Desactiva el servidor proxy. Seleccione esta opción cuando no utilice el servidor proxy.

Host Proxy Define el host proxy.

Puerto proxy Define el puerto proxy.

■ Configuración de pantalla

Los ajustes predeterminados están marcados con “*”.

TV

Salida 3D

Puede seleccionar la salida de vídeo en 3D o 2D desde este reproductor.

Auto* Este reproductor selecciona automáticamente vídeos en 3D o 2D.

Desactivar Este reproductor siempre selecciona vídeos en 2D.

Nota

- Aunque ajuste “Salida 3D” en “Auto” y reproduzca un disco Blu-ray 3D, este reproductor selecciona imágenes en 2D en función de la conexión y del ajuste del televisor, etc. (pág. 10).

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
 <p>4:3</p>		

Tamaño de imagen original	En un televisor 4:3	
	4:3 Panorámico	4:3 Buzón
 <p>16:9</p>		

Seleccionar Salida de Vídeo

Puede seleccionar la resolución de salida de vídeo entre Auto, 480i/576i, 480p/576p, 720p, 1080i y 1080p.

Cuando se define en Auto, la resolución se ajusta a la resolución máxima según el televisor conectado.

Para obtener más información sobre los formatos de salida, consulte “Acerca de los formatos de salida de vídeo” (pág. 29).

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

Nota

- Para emitir audio HD (Dolby TrueHD o DTS-HD Master Audio) desde un terminal HDMI, configure Seleccionar Salida de Vídeo 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” (pág. 29).

NTSC, PAL, Multi

(El ajuste predeterminado varía en función del modelo.)

Color Space

Puede seleccionar la salida Color Space (pág. 34) desde HDMI. Esta función está disponible cuando el reproductor se conecta con un cable HDMI.

YCbCr 4:4:4* Permite definir Color Space en YCbCr 4:4:4.

YCbCr 4:2:2 Permite definir 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. 34), 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 velocidad de fotogramas 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 el receptor de A/V o el televisor admiten esta función y el reproductor está conectado con un cable HDMI. Para obtener más información sobre los formatos de salida, consulte “Acerca de los formatos de salida de vídeo” (pág. 29).

Auto*, **Desactivar**

Nota

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

Sincronismo de labios

Puede definir o ajustar la función Sincronismo de labios (pág. 35).

Auto*	Este reproductor ajusta la función Sincronismo de labios automáticamente.
Manual	Puede ajustar la función Sincronismo de labios manualmente. Puede definir el retraso del audio para contenido 2D y 3D de forma independiente.
	2D
	3D
Desactivar	Este reproductor no ajusta la función Sincronismo de labios.

Procesamiento de Video

Modo de vídeo

Puede seleccionar Modo de vídeo más abajo.

Estándar*	La imagen es más natural y equilibrada. Este modo es adecuado para usos normales.
Rico	La imagen es más viva e intensa.
Cine	La imagen es adecuada para ver películas en una habitación a oscuras.
Particularizado	Puede ajustar la imagen visual manualmente. Pulse ▲/▼ para seleccionar el parámetro y, a continuación, pulse ◀/▶ para ajustar la figura.
Brillo	Ajusta el brillo global de la imagen.
Saturación	Ajusta la riqueza de color de la imagen proyectada.
Tonalidad	Ajusta el tono de la imagen proyectada.
Contraste	Ajusta las áreas claras (niveles de blanco) de la imagen.
Nitidez	Ajusta la nitidez de los elementos del vídeo.
CTI	Suaviza los bordes de las imágenes en color. De este modo, las imágenes en color se distinguen más.

Los valores predeterminados son 0.

Ajuste de color

Ajusta los valores de Brillo/Saturación/Tonalidad para cada color (Rojo/Verde/Azul/Amarillo/Cian/Magenta). Para utilizar esta función, ajuste Modo de vídeo en Particularizado. Para obtener más información sobre la configuración de opciones, consulte “Modo de vídeo” (pág. 27).

Los valores predeterminados son 0.

Reducción de ruido

Puede configurar la Reducción de ruido a un nivel de 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**

■ 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. 28).

Bitstream*, **PCM**, **Recodificar**, **Desactivar**

Nota

- Para emitir audio HD (Dolby TrueHD o DTS-HD Master Audio) desde un terminal HDMI, configure Seleccionar Salida de Video en Auto o un ajuste superior a 720p (pág. 26).

DRC

Puede activar, desactivar o poner en modo Auto el DRC (Compresión de gama dinámica) (pág. 34). Al seleccionar Auto, la DRC se activa automáticamente en una fuente con información 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. 34).

■ Acerca de los formatos de salida de audio

Formato de origen		HDMI		
		Bitstream	PCM	Recodificar
PCM 2 canales	con AS* o SCB**	PCM 2 canales		Dolby Digital
	sin AS* o SCB**	PCM 2 canales		
PCM 5.1 canales	con AS* o SCB**	PCM 5.1 canales		Dolby Digital
	sin AS* o SCB**	PCM 5.1 canales		
PCM 7.1 canales	con AS* o SCB**	PCM 7.1 canales		Dolby Digital
	sin AS* o SCB**	PCM 7.1 canales		
Dolby Digital	con AS* o SCB**	Dolby Digital	PCM hasta 5.1 canales	Dolby Digital
	sin AS* o SCB**			
Dolby Digital Plus	con AS* o SCB**	Dolby Digital Plus	PCM hasta 7.1 canales	Dolby Digital
	sin AS* o SCB**			Dolby Digital Plus
Dolby TrueHD	con AS* o SCB**	Dolby TrueHD	PCM hasta 7.1 canales	Dolby Digital
	sin AS* o SCB**			Dolby TrueHD
DTS	con AS* o SCB**	DTS	PCM hasta 5.1 canales	DTS
	sin AS* o SCB**			
DTS HD High Resolution	con AS* o SCB**	DTS HD High Resolution	PCM hasta 5.1 canales (Descodificación de núcleo)	DTS
	sin AS* o SCB**			DTS HD High Resolution
DTS-HD Master Audio	con AS* o SCB**	DTS-HD Master Audio	PCM hasta 5.1 canales (Descodificación de núcleo)	DTS
	sin AS* o SCB**			DTS-HD Master Audio

* “AS” es audio secundario.

** “SCB” es el sonido clic del botón, el efecto de sonido de los menús emergentes, etc.

Notas

- Si HDMI se define en Bitstream, no se produce la salida de audio secundario. (pág. 27)
- Para emitir audio HD (Dolby TrueHD o DTS-HD Master Audio) desde un terminal HDMI, configure Seleccionar Salida de Video en Auto o un ajuste superior a 720p (pág. 26).

■ Acerca de los formatos de salida de vídeo

Si Sistema de TV se define en NTSC

	Resolución	Auto	480i/576i	480p/576p	720p	1080i	1080p
HDMI	BD-Video con contenido 1080p/24 Hz	*1, *2	480i	480p	720p 60 Hz	1080i 60 Hz	1080p 24/60 Hz *2
	Otros						1080p 60 Hz

Si Sistema de TV se define en PAL

	Resolución	Auto	480i/576i	480p/576p	720p	1080i	1080p
HDMI	BD-Video con contenido 1080p/24 Hz	*1, *2	576i	576p	720p 50 Hz	1080i 50 Hz	1080p 24/50 Hz *2
	Otros						1080p 50 Hz

*1 La resolución se ajusta 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 Si la fuente es un contenido de 1080p 24 Hz y el televisor conectado admite la salida de contenidos 1080p 24 Hz, se utilizará 1080p 24 Hz en lugar de 1080p 50/60 Hz cuando la resolución esté ajustada en Auto o 1080p y la opción Auto esté seleccionada para HDMI 1080p 24Hz (pág. 27) en Configuración de pantalla.

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 parámetro 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

Algunos de los discos Blu-ray que acaban de salir al mercado no se pueden reproducir a menos que actualice el software del reproductor e instale la versión más reciente. Le recomendamos la actualización para que el reproductor funcione con el software más actual.

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 LAN 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:

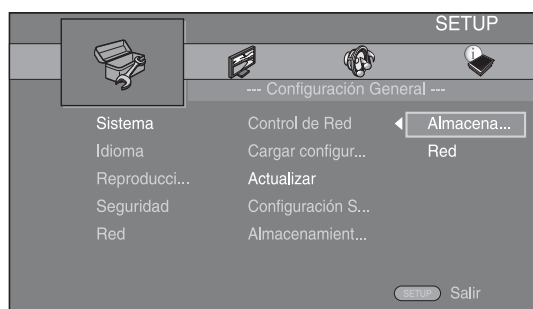
- ① Guarde el paquete de archivos de actualización en la carpeta correspondiente en el dispositivo de memoria USB. Para obtener más información, consulte el documento de procedimientos adjunto con el paquete de archivos de actualización.
- ② Conecte el dispositivo de memoria USB.
Omita el paso 2.

Si actualiza el software desde Red:

Compruebe que el reproductor está conectado a la red.

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

- ① Pulse **SETUP** para mostrar la pantalla del menú SETUP.
- ② Seleccione 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.


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

La actualización se ha completado. El sistema se reiniciará.





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.	<ul style="list-style-type: none"> – Conecte correctamente el cable de alimentación de CA. – Pulse  en el panel delantero para encender la alimentación.
La alimentación del reproductor está apagada.	<ul style="list-style-type: none"> – La alimentación se desconectará automáticamente pasados 30 minutos seguidos de inactividad (sin reproducción).

■ Funcionamiento básico

Problema	Posibles causas y soluciones
El mando a distancia no funciona.	<ul style="list-style-type: none"> – Utilice el mando a distancia dentro de su alcance operativo. (pág. 9) – Cambie las pilas. (pág. 9)
Los botones no funcionan.	<ul style="list-style-type: none"> – Mantenga pulsado  en el panel delantero durante más de 5 segundos y deje de pulsarlo para reiniciar el reproductor. – Para reiniciar completamente el reproductor, desenchufe el cable de alimentación de la toma de CA durante 10 segundos o más, vuelva a enchufarlo y, a continuación, encienda el reproductor.
He olvidado la contraseña.	<ul style="list-style-type: none"> – 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. 25). 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.	<ul style="list-style-type: none"> – 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.	<ul style="list-style-type: none"> – 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.	<ul style="list-style-type: none"> – Estos sonidos no son síntoma de avería sino parte del funcionamiento normal del reproductor.

■ Imagen

Problema	Posibles causas y soluciones
No hay imagen.	<ul style="list-style-type: none"> - Asegúrese de que el cable HDMI esté conectado correctamente. (pág. 10) - Asegúrese de que el televisor o receptor de A/V conectado está ajustado a la entrada correcta. (pág. 10) - 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. <p>Si sigue sin aparecer la imagen, mantenga pulsado el botón ■ del panel delantero durante unos 5 segundos para activar NTSC/PAL.</p>
La pantalla se congela y los botones de control no funcionan.	<ul style="list-style-type: none"> - Pulse ■ y, después, reinicie la reproducción. - Desconecte la alimentación y conéctela de nuevo. - Mantenga pulsado ⏻ en el panel delantero durante más de 5 segundos y deje de pulsarlo para reiniciar el reproductor.
La salida de vídeo no tiene la resolución deseada.	<ul style="list-style-type: none"> - Ajuste la resolución deseada. (pág. 26)
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.	<ul style="list-style-type: none"> - Cambie la relación de aspecto del televisor. (pág. 26)
Aparece ruido cuadrado (mosaicos) en la pantalla.	<ul style="list-style-type: none"> - 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.
No se escucha el audio o las imágenes no se reproducen adecuadamente.	<ul style="list-style-type: none"> - En algunos discos en los que se ha grabado contenido protegido por derechos de autor, es posible que no se escuche el audio o que las imágenes no se reproduzcan adecuadamente.

■ Sonido

Problema	Posibles causas y soluciones
No se escucha el sonido o está distorsionado.	<ul style="list-style-type: none"> - Compruebe que el cable HDMI esté conectado correctamente. (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)
Los canales de audio izquierdo y derecho están invertidos o el sonido solo sale por uno de ellos.	<ul style="list-style-type: none"> - Compruebe la conexión HDMI. (pág. 10)
No se escucha el audio o las imágenes no se reproducen adecuadamente.	<ul style="list-style-type: none"> - En algunos discos en los que se ha grabado contenido protegido por derechos de autor, es posible que no se escuche el audio o que las imágenes no se reproduzcan adecuadamente.
No se escucha el sonido de PIP (audio secundario).	<ul style="list-style-type: none"> - Ajuste HDMI en PCM/Recodificar. (pág. 27) - Para escuchar el audio secundario, pulse 2ND AUDIO. (pág. 6) - Dependiendo del disco, es posible que tenga que activar el audio secundario en el menú principal del disco (pág. 8).

■ Red

Problema	Posibles causas y soluciones
No se puede conectar a Internet.	<ul style="list-style-type: none"> – Conecte correctamente el cable de red. – Encienda el equipo conectado como, por ejemplo, un módem o enrutador de banda ancha. – Conecte correctamente el módem y/o el enrutador de banda ancha. – Configure correctamente el valor o valores de la red. Consulte “Red”. (pág. 25)
No se pueden descargar contenidos BD-Live.	<ul style="list-style-type: none"> – Conecte correctamente el cable de red. (pág. 11) – Conecte el dispositivo de memoria USB correctamente. Compruebe que el dispositivo de memoria USB esté conectado al conector USB del reproductor. (pág. 11) – Compruebe si el Blu-ray Disc admite BD-Live. – Compruebe el ajuste de “Conexión a Internet”. (pág. 25) – Conecte el dispositivo de memoria USB con formato FAT16, FAT32 o NTFS. – Se recomienda conectar el dispositivo de memoria USB con al menos 2 GB de espacio libre. Si no hay suficiente espacio libre, formatee el dispositivo de memoria USB. (pág. 24) – 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.	<ul style="list-style-type: none"> – Conecte correctamente el cable de red. – Encienda el equipo conectado como, por ejemplo un enrutador de banda ancha o el servidor. – Asegúrese de que el reproductor y el servidor están conectados al mismo punto de acceso. – Configure correctamente el valor o valores de la red. Consulte “Red”. (pág. 25) – 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 de red doméstico.	<ul style="list-style-type: none"> – 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.

■ 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. 11) y la configuración de la red (pág. 25).
Red está bien, proxy ha fallado.	– El reproductor no se puede conectar al servidor proxy. Consulte “Configuración Proxy” (pág. 25).
La conexión BD-Live está prohibida en el menú de SETUP	– La conexión de BD-Live está prohibida. Consulte “Conexión BD-Live” (pág. 25).
¡La actualización ha fallado por alguna razón!	– La actualización ha fallado. Compruebe si el archivo de actualización está dañado o es ilegible.

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 en disco Blu-ray) 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.

Blu-ray 3D™

Blu-ray 3D le permite ver imágenes 3D de alta definición completa.

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).

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.

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.

Dirección Mac

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

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 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. Útilcelo 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 compresión de audio sin pérdida) es un formato de audio 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.

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.

Sincronismo de labios

Sincronismo de labios, una abreviatura de “lip synchronization”, o sincronización de labios, es un término que hace referencia tanto a un problema habitual como a la posibilidad de mantener sincronizadas las señales de audio y vídeo durante la posproducción y la transmisión. La latencia de audio y vídeo requiere complejos ajustes por parte del usuario, pero la versión HDMI incorpora una función de sincronización automática de audio y vídeo que permite a los dispositivos sincronizarse de forma automática y precisa y sin la intervención del usuario.

Sonido PCM lineal

PCM lineal es un formato de grabación de señales utilizado para CD de audio y en algunos discos DVD y Blu-ray. 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 discos Blu-ray.)

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 discos DVD y Blu-ray.

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.

Especificaciones

■ Información general

Alimentación	
[Modelos de EE. UU. y Canadá].....	110–240 V CA, 60 Hz
[Modelo para América Central y del Sur].....	110–240 V CA, 50/60 Hz
[Modelo para Australia]	110–240 V CA, 50 Hz
[Modelo para Reino Unido, Europa y Rusia].....	110–240 V CA, 50 Hz
[Modelo para China]	110–240 V CA, 50 Hz
[Modelo para Asia]	110–240 V CA, 50/60 Hz
[Modelo para Corea]	110–240 V CA, 60 Hz
Consumo de energía (normal)	18 W
Consumo (en espera).....	0,5 W o menos
Dimensiones (An. × Al.× Pr.).....	435 × 50 × 202 mm
Peso	2,0 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
Otros equipos.....	Ethernet × 1

Las especificaciones están sujetas a cambio sin previo aviso.

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■ About Linux, Busybox, SquashFS, LIRC, U-boot, gdb, mtd-utils

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■ About Fusion

DirectFB Fusion kernel module: introduction and API

by Niels Røest

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■ About gcc libgcc, gcc libstdc++

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```

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```
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This is free software, and you are welcome to redistribute it under certain conditions;
type `show c' for details.
```

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CAUTION

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

PRECAUCIÓN

El uso de los controles, los ajustes o los procedimientos que no se especifican en este manual pueden causar una exposición peligrosa a la radiación.

LASER Specification:

Class 1 LASER Product

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

Laser output: max. 1 mW

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

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

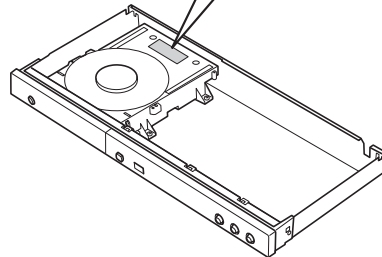
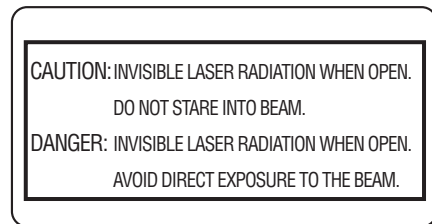
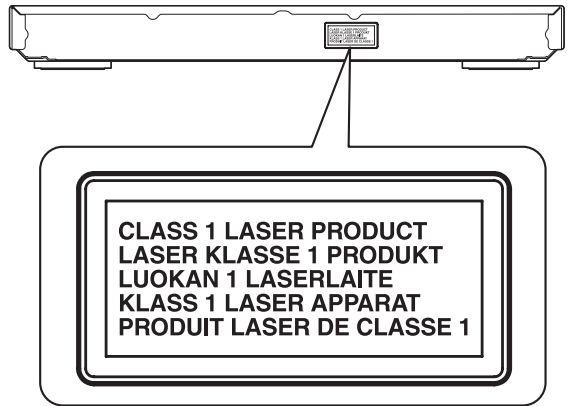
This unit emits visible laser radiation when open. Avoid direct eye exposure to beam. When this unit is plugged into the wall outlet, do not place your eyes close to the opening of the disc tray and other openings to look into inside.

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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