

CD/DVD Player

Operating Instructions _____ **US**Manual de instrucciones _____ **ES****For customers in the U.S.A****Owner's Record**

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

Model No. DVP-NS710H

Serial No. _____

For Customers in Canada

If this product is not working properly, please call 1-877-602-2008 for **Peace of Mind Warranty Replacement service**.

For other product related questions please contact our **Customer Information Service Centre** at 1-877-899-7669 or write to us at: Customer Information Service 115 Gordon Baker Road, Toronto, Ontario, M2H 3R6



DVP-NS710H
DVP-NS718H
DVP-NS728H

WARNING

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

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

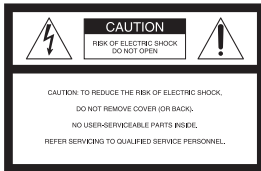
The AC power cord must be changed only at a qualified service shop.

Batteries or batteries installed apparatus shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION

The use of optical instruments with this product will increase eye hazard. As the laser beam used in this CD/DVD player is harmful to eyes, do not attempt to disassemble the cabinet.

Refer servicing to qualified personnel only.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage"

within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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

CAUTION

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



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Lightning

For added protection for this set during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the set due to lightning and power-line surges.

Notes about the discs

- To keep the disc clean, handle the disc by its edge. Do not touch the surface. Dust, fingerprints, or scratches on the disc may cause it to malfunction.



- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerably inside the car.
- After playing, store the disc in its case.
- Clean the disc with a cleaning cloth. Wipe the disc from the center out.



- Do not use solvents such as benzene, thinner, commercially available cleaners, or anti-static spray intended for vinyl LPs.
- If you have printed the disc's label, dry the label before playing.
- Do not use the following discs:
 - A disc recorded in a color system other than NTSC, such as PAL or SECAM (this player conforms to the NTSC color system).
 - A disc that has a non-standard shape (e.g., card, heart).
 - A disc with a label or sticker on it.
 - A disc that has cellophane tape or sticker adhesive on it.

Important Safety Instructions

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



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

Precautions

The power requirements and power consumption of this player are indicated on the back of the player. Check that the player's operating voltage is identical with your local power supply.

Power requirements and power consumption



On safety

- To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.
- Should any solid object or liquid fall into the cabinet, unplug the player and have it checked by qualified personnel before operating it any further.

US

On power sources

- The player is not disconnected from the AC power source as long as it is connected to the wall outlet, even if the player itself has been turned off.
- If you are not going to use the player for a long time, be sure to disconnect the player from the wall outlet. To disconnect the AC power cord, grasp the plug itself; never pull the cord.

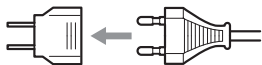
On placement

- Place the player in a location with adequate ventilation to prevent heat build-up in the player.
- Do not place the player on a soft surface such as a rug.
- Do not place the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust, or mechanical shock.
- Do not install the player in an inclined position. It is designed to be operated in a horizontal position only.
- Keep the player and the discs away from equipment with strong magnets, such as microwave ovens, or large loudspeakers.
- Do not place heavy objects on the player.
- Do not install this player in a confined space, such as a bookshelf or similar unit.

- Install the player so that the AC power cord can be unplugged from the wall socket immediately in the event of trouble.
- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the player. Should this occur, the player may not operate properly. In this case, remove the disc and leave the player turned on for about half an hour until the moisture evaporates.
- When you move the player, take out any discs. If you don't, the disc may be damaged.

For the model supplied with the AC plug adaptor

If the AC plug of your unit does not fit into the wall outlet, attach the supplied AC plug adaptor.



On adjusting volume

Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level section is played.

On cleaning

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

On cleaning discs, disc/lens cleaners

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




On replacement of parts

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

Copyrights

- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.
- "DVD+RW," "DVD-RW," "DVD+R," "DVD+R DL," "DVD-R," "DVD VIDEO," and "CD" logos are trademarks.
- This DVD player incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

About this manual

- The instructions in this manual are for 3 models: DVP-NS710H, DVP-NS718H, and DVP-NS728H. Check your model name by looking at the rear panel of the player. DVP-NS728H is the model used for instruction purposes. Any difference in operation is clearly indicated in the text, for example, "DVP-NS728H only."
- Icons, such as , listed at the top of each explanation indicate what kind of media can be used with the function being explained. For details see "Playable Media" (page 42).
- Instructions in this manual describe the controls on the remote. You can also use the controls on the player if they have the same or similar names as those on the remote.
- "DVD" may be used as a general term for commercial DVDs, DVD+RWs/DVD+Rs/DVD+R DLs (+VR mode) and DVD-RWs/DVD-Rs/DVD-RDLs (VR mode, video mode).
- NEED-to-know information (to prevent incorrect operation) is listed under the  icon. NICE-to-know information (tips and other useful information) is listed under the  icon.

IMPORTANT NOTICE

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

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

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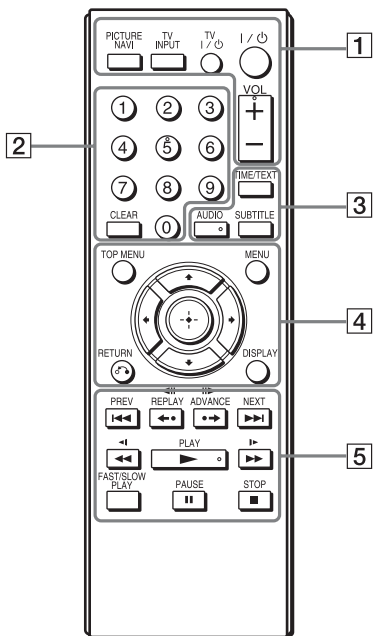
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Guide to Parts and Controls

For more information, see the pages indicated in parentheses.

Remote



VOL +, number 5, AUDIO, and ► buttons have a tactile dot. Use the tactile dot as a reference when operating the player.

1 PICTURE NAVI (30)

Divides the screen into 9 subscreens so you can choose the desired scene quickly.

Each time you press the button, the display changes as follows:

- CHAPTER VIEWER
- TITLE VIEWER
- TRACK VIEWER

The photo files in the album appear in 16 subscreens.

TV INPUT (input select) (15)

Switches between TV and other input sources.

TV I/O (on/standby) (15)

Turns on the TV, or sets to standby mode.

I/O (on/standby) (15)

Turns on the player, or sets to standby mode.

VOL +/- (15)

Adjusts the TV volume.

2 Number buttons

Enters the title/chapter numbers, etc.

CLEAR (21)

Clears the entry field.

3 TIME/TEXT (10)

Displays the playing time and remaining time on the TV screen or front panel display. Press repeatedly to change the displayed information. CD/DVD text appears only when text is recorded on the disc.

If music file has an ID3 tag, the player will display the album name/track title from the ID3 tag information. This player supports ID3 versions 1.0/1.1 and 2.2/2.3.

AUDIO (∞)

Changes the audio language or audio channel.

When 4 digits are displayed, they indicate a language code. See “Language Code List” on page 46 to see which language the code represents.

SUBTITLE () (29)

- Changes the subtitles when subtitles are recorded on DVD VIDEOS/DVD-VR mode/DivX video files only.
- Displays lyrics for a music file when pressed during playback. For details see page 29.

4 TOP MENU

Displays the DVD's top menu.

MENU (29)

Displays the menu.

↶ RETURN (19)

Returns to the previous display.

DISPLAY (20)

Displays the playback information on the screen.

←/↑/↓/→ (21)

Moves the highlight to select a displayed item.

Center button (ENTER) (15)

Enters the selected item.

5 |◀◀/▶▶| PREV/NEXT

Skips to the previous/next chapter, track, or scene in continuous play mode.

◀•◀|/|▶▶•▶ REPLAY/STEP/STEP/ADVANCE

- Replays the scene^{*1*3}/briefly fast forward the scene^{*2*3} when pressed during playback.
- Plays backward^{*4}/forward^{*5} one frame at a time when pressed during pause mode.
- Changes the LUN (Logical Unit Number) devices when pressed during the list of albums or tracks is displayed. (page 29).

◀◀|◀▶▶|▶▶ (scan/slow)

- Fast reverses/fast forwards when pressed during playback. The speed changes when pressed repeatedly.
- Plays backward^{*4}/forward^{*5} in slow motion when pressed repeatedly during pause mode.

▶▶ PLAY

Starts or re-starts playback.

|| PAUSE

Pauses or re-start playback.

■ STOP

Stops playback.

FAST/SLOW PLAY

Plays in various speed with sound^{*6} when pressed repeatedly during playback.

*1 For DivX video files and DVDs except DVD+RWs/DVD+Rs/DVD+R DLs.

*2 For DVDs and DivX video files only.

*3 These functions may not work with some scenes.

*4 For DVD VIDEOS and DVD-VR mode only.

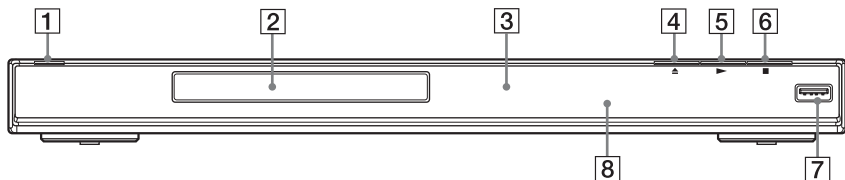
*5 For DVDs, VIDEO CDs, and video files only.

*6 For DVDs and VIDEO CDs only.



Some playback functions may not work with unsupported MPEG-4 format (page 42).

Front panel



- 1 **I/O** (on/standby) button (15)
- 2 Disc tray (18)
- 3 Front panel display (10)
- 4 **▲** (open/close) button (18)
Opens or closes the disc tray.
- 5 **▶** (play) button (18)
The **▶** button has a tactile dot*.
- 6 **■** (stop) button (18)
Stops playback.
- 7 **↔** USB jack (type A) (17, 29)
(DVP-NS728H only)
Connect a USB device to this jack.
- 8 **📶** (remote sensor) (14)

* Use the tactile dot as a reference when operating the player.

To lock the disc tray (Child Lock)

You can lock the disc tray to prevent it being opened by mistake.

When the player is in standby mode, press **↶** RETURN, ENTER, and then **I/O** on the remote.

The player turns on and “LOCKED” appears on the front panel display. The **▲** button on the player does not work while the Child Lock is set.

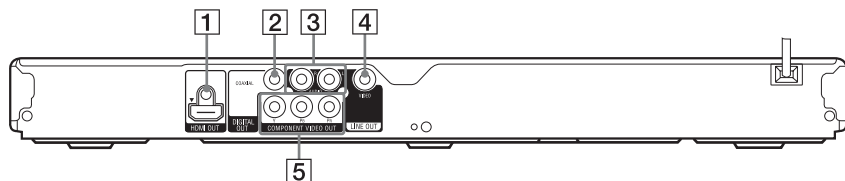
To unlock the disc tray

When the player is in standby mode, press **↶** RETURN, ENTER, and then **I/O** again.



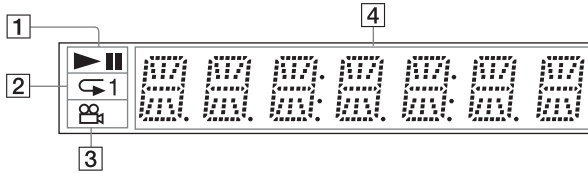
Even if you select “RESET” under “SETUP” in the Control Menu (page 32), the disc tray remains locked.

Rear panel



- 1 HDMI OUT (High-Definition Multimedia Interface out) jack (11, 13)
- 2 DIGITAL OUT (COAXIAL) jack (13)
- 3 LINE OUT L/R (AUDIO) jacks (13)
- 4 LINE OUT (VIDEO) jack (11)
- 5 COMPONENT VIDEO OUT jacks (11)

Front panel display



1 ▶, ||

Lights up during playback or pause.

2 ↶ 1

Lights up during Repeat Play.

3 ⏏

Lights up when you can change the angle.

4 Playback information

You can view the time and text information by pressing the TIME/TEXT button on the remote repeatedly. The display changes as follows:

When playing a DVD

Current title playing time
↓
Current title remaining time
↓
Current chapter playing time
↓
Current chapter remaining time
↓
Text
↓
Current title and chapter number
(Returns to top automatically)

When playing music or video files

Current file^{*1} or track^{*2} playing time and number

↓
Current file^{*1} or track name/MP3 ID3 track title^{*2}

↓
Current album and file^{*1} or track^{*2} number
(Returns to top automatically)

*1 for video file

*2 for music file

When playing a VIDEO CD (without PBC functions) or CD

Current track playing time and number

↓
Current track remaining time

↓
Disc playing time

↓
Disc remaining time

↓
Text

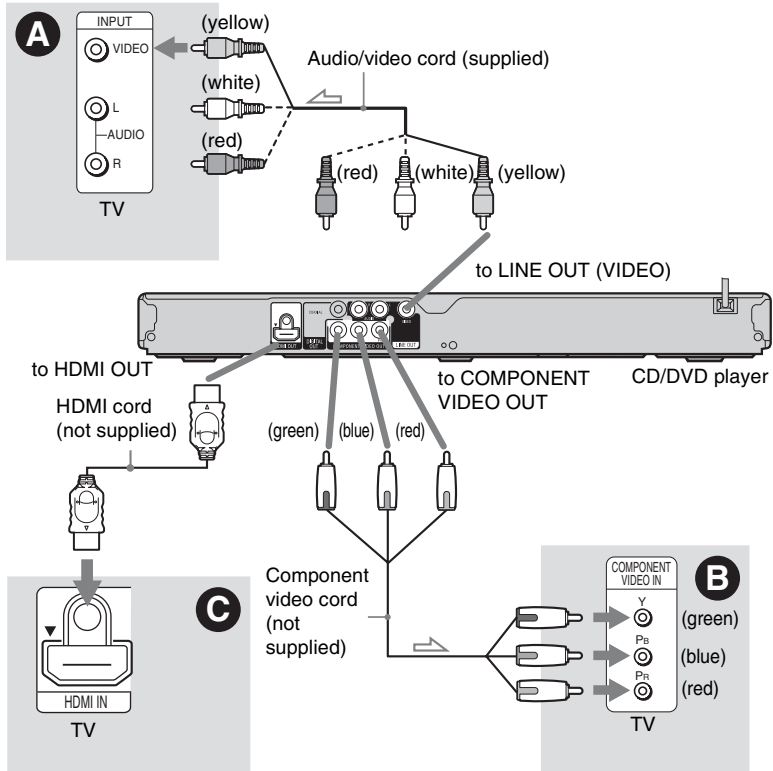
Hookups and Settings

When unpacking, check the supplied accessories by referring to page 45.

- Plug cords securely to prevent unwanted noise.
- Refer to the operating instructions supplied with the components to be connected.
- Be sure to disconnect the power cord of each component before connecting.

Step 1: Connecting to Your TV

Connect this player to your TV using a video cord. Select one of the patterns **A** through **C**, according to the input jack on your TV.
 In order to view progressive signal (480p) pictures with a compatible TV, you must use pattern **B**. Select pattern **C** when connecting to a TV equipped with HDMI input.



→ : Signal flow

A Video input jack

You will enjoy standard quality images.

B Component video input jacks (Y, P_B, P_R)

You will enjoy accurate color reproduction and high quality images.

C HDMI/DVI input jack

Use a certified Sony HDMI cord to enjoy high quality digital picture and sound through the HDMI OUT jack.

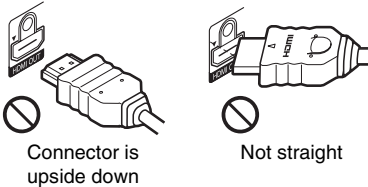
When connecting to a Sony TV that is compatible with the CONTROL FOR HDMI function, see page 12.

When connecting to the HDMI OUT jack

Follow the steps below. Improper handling may damage the HDMI OUT jack and the connector.

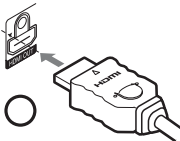
1 Carefully align the HDMI OUT jack on the back of the player and the HDMI connector by checking their shapes.

Make sure the connector is not upside down or tilted.



2 Insert the HDMI connector straight into the HDMI OUT jack.

Do not bend or apply force to the HDMI connector.



To connect to a TV with DVI input

Use an HDMI-DVI converter cord (not supplied). The DVI jack will not accept any audio signals, so you have to use another audio connection in addition to this connection (page 13). Furthermore, you

cannot connect the HDMI OUT jack to DVI jacks that are not HDCP compliant (e.g., DVI jacks on PC displays).

When connecting to a wide screen TV

Some images may not fit your TV screen. To change the picture size, see page 33.




- Do not connect a VCR, etc., between your TV and the player. If you pass the player signals via the VCR, you may not receive a clear image on the TV screen. If your TV has only one audio/video input jack, connect the player to this jack.
- If the picture appears too white when you are using A connection, set “BLACK LEVEL” in “SCREEN SETUP” to “OFF” (page 33).
- Be sure to disconnect the HDMI cord when moving the player.
- Do not apply too much pressure to the cabinet wall, if you place the player on the cabinet with the HDMI cord connected. It may damage the HDMI OUT jack or the HDMI cord.
- When connecting or disconnecting, do not screw in or rotate the HDMI connector.

About the CONTROL FOR HDMI functions for ‘BRAVIA Sync’ (for HDMI connections only)

By connecting to Sony components that are compatible with the CONTROL FOR HDMI function with an HDMI cord (not supplied), you can enjoy the following features:

- One-Touch Play (page 18)
- System-Power Off

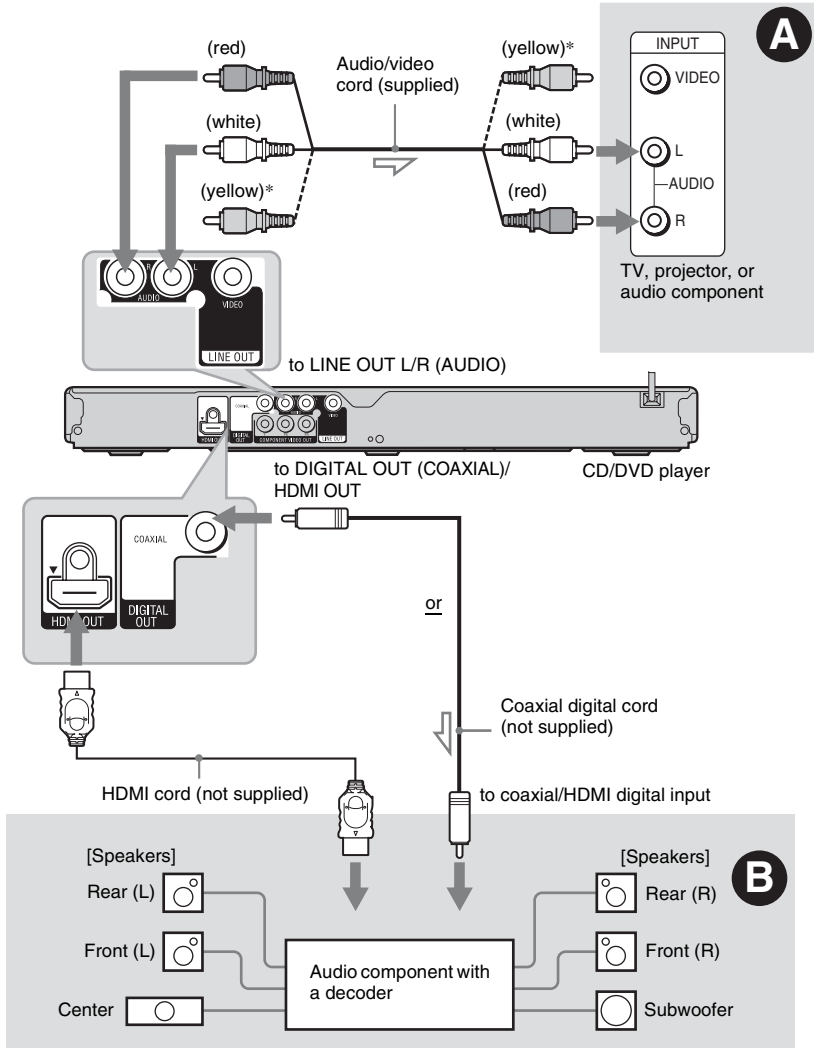
When you turn the TV off by using the  button on the TV's remote, the components compatible with CONTROL FOR HDMI function turn off automatically.



Depending on the connected component, the CONTROL FOR HDMI function may not work. Refer to the operating instructions supplied with the component.

Step 2: Connecting to Your Audio Component

Select one of the following patterns **A** or **B**, according to the input jack on your TV monitor, projector, or audio component such as an AV amplifier (receiver). This will enable you to listen to sound.



↪ : Signal flow

* The yellow plug is used for video signals (page 11).



For correct speaker location, see the operating instructions supplied with the connected components.

A Audio L/R input jacks

This connection will use your TV's or audio component's two speakers for sound.

B Digital audio input jack

If your audio component has a Dolby*¹ Digital or DTS*² decoder and a digital input jack, use this connection. You can enjoy Dolby Digital (5.1ch) and DTS (5.1ch) surround effect.

If you connect to a Sony audio component that is compatible with the CONTROL FOR HDMI function, refer to the operating instructions supplied with the audio component.

*¹ Manufactured under license from Dolby Laboratories.

Dolby, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories.

*² Manufactured under license under U.S. Patent #: 5,451,942 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Out are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. © 1996-2008 DTS, Inc. All Rights Reserved.




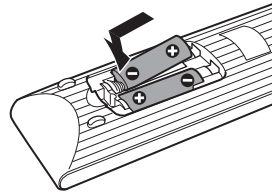
- After you have completed the connection, make the appropriate settings in Quick Setup (page 15). Otherwise, no sound or a loud noise will come from your speakers.
- The TVS effects of this player cannot be used with this connection.
- When you connect the player to an audio component using an HDMI cord, you will need to do one of the following:
 - Connect the audio component to the TV with the HDMI cord.
 - Connect the player to the TV with a video cord other than HDMI cord (component video cord or audio/video cord).
- When connecting to the HDMI OUT jack, carefully align the HDMI connector with the jack. Do not bend and apply force to the HDMI cord.

Step 3: Connecting the Power Cord

Plug the player and TV power cords into an AC outlet.

Step 4: Preparing the Remote

Insert two Size AA (R6) batteries by matching the ⊕ and ⊖ ends of the batteries to the markings inside the compartment. When using the remote, point it at the remote sensor  on the player.



- Do not leave the remote in an extremely hot or humid place.
- Do not drop any foreign object into the remote casing, particularly when replacing the batteries.
- Do not expose the remote sensor to direct light from the sun or a lighting apparatus. Doing so may cause a malfunction.
- If you do not use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Controlling TVs with the remote

You can control the sound level, input source, and power switch of your Sony TV with the supplied remote.

Available buttons

Depending on the connected unit, you may not be able to control your TV using all or some of the buttons on the supplied remote.

Buttons	Operations
TV I/⏻	Turn the TV on or off
VOL +/-	Adjust the volume of the TV
TV INPUT (input select)	Switch the TV's input source between the TV and other input sources

To control other TVs with the remote

You can control the volume, input source, and power switch of non-Sony TVs as well.

If your TV is listed in the table below, set the appropriate manufacturer's code.



When you replace the batteries of the remote, the code number may be reset to the default setting. Set the appropriate code number again.

1 While holding down TV I/⏻, press the number buttons to select your TV's manufacturer's code.

2 Release TV I/⏻.

Code numbers of controllable TVs

Manufacturer	Code number
Sony	01 (default)
Hitachi	02
LG/Goldstar/NEC	04
MGA/Mitsubishi	13
Panasonic	19
Philips	21
Pioneer	16
RCA	10
Samsung	20
Sharp	18
Toshiba	07

Step 5: Quick Setup

Follow the steps below to make the minimum number of basic adjustments for using the player.

To skip an adjustment, press ►►. To return to the previous adjustment, press ◀◀.

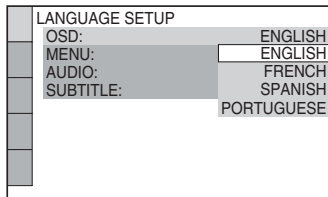
1 Turn on the TV then press I/⏻.

2 Switch the input selector on your TV so that the signal from the player appears on the TV screen.

“Press [ENTER] to run QUICK SETUP” appears at the bottom of the screen. If this message does not appear, select “QUICK” under “SETUP” in the Control Menu to run Quick Setup (page 21).

3 Press ENTER without inserting a disc.

The Language Setup Display appears.

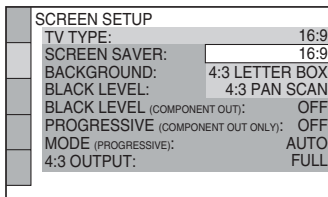


4 Press ↑/↓ to select a language.

The player displays the menu and subtitles in the selected language.

5 Press ENTER.

The Screen Setup Display appears.



6 Press \uparrow/\downarrow to select the setting that matches your TV type.

◆ If you have a wide-screen TV or a 4:3 standard TV with a wide-screen mode

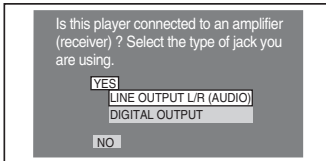
- 16:9 (page 33)

◆ If you have a 4:3 standard TV

- 4:3 LETTER BOX or 4:3 PAN SCAN (page 33)

7 Press ENTER.

The Setup Display for selecting the type of jack used to connect your audio component appears.



8 Press \uparrow/\downarrow to select the type of jack (if any) you are using to connect to an audio component, then press ENTER.

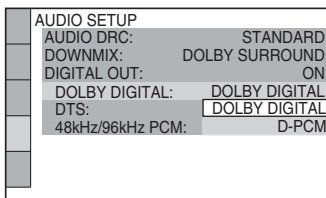
Select “NO,” if you do not connect an audio component, then go to step 12.

Select “YES: LINE OUTPUT L/R (AUDIO),” if you connect an audio component using an audio cord, then go to step 12.

Select “YES: DIGITAL OUTPUT,” if you connect an audio component using a digital coaxial/HDMI cord.

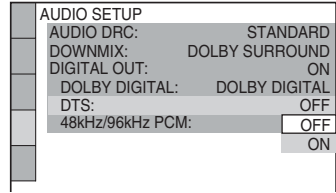
9 Press \uparrow/\downarrow to select the type of Dolby Digital signal to your audio component.

If your audio component has a Dolby Digital decoder, select “DOLBY DIGITAL.” Otherwise, select “D-PCM.”



10 Press ENTER.

“DTS” is selected.



11 Press \uparrow/\downarrow to select whether or not to send a DTS signal to your audio component.

If your audio component has a DTS decoder, select “ON.” Otherwise, select “OFF.”

12 Press ENTER.

Quick Setup is finished and connections are complete.

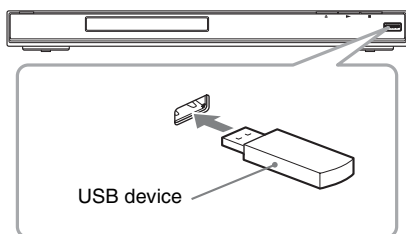


When “PhotoTV HD” mode is activated (page 30), the selection for “TV TYPE” is skipped.

Connecting a USB Device (DVP-NS728H only)

You can connect a USB device to the USB jack of the player to play video, photo, or music files. For a list of USB devices that can be connected to the player, refer “Playable USB Devices” (supplement). For details on playable files, see “Playable Media” page 42.

Refer to the operating instructions supplied with the USB device before connecting it to the player.



To play data files, see “Playing video, photo, and music files from USB device (DVP-NS728H only)” (page 29).

To remove the USB device

Stop playback and disconnect the USB device from the USB jack.



- Take the precaution of backing up important files on the USB device before connecting it to the player.
- Do not forcibly connect the USB device and make sure the plug is oriented correctly.
- Do not connect the player and the USB device through a USB hub.
- Make sure no virus-infected files are contained on a USB device before use.
- This player supports USB Mass Storage Class only.
- This player supports USB device with FAT12, FAT16, or FAT32 format only.
- Some USB devices may not work with this player.

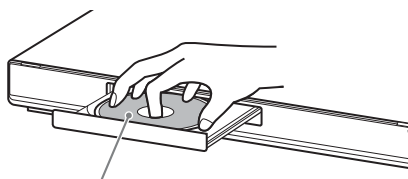
Playback

Playing Discs **DVDVideo** **DVDVR**

VCD **CD** **DATA**

1 Switch the input selector on your TV so that the signal from the player appears on your TV screen.

2 Press **▲** on the player, and place a disc on the disc tray.



Playback side facing down

3 Press **▶**.

The disc tray closes. The player starts playback (continuous play). Adjust the volume on the TV or the audio component.

Depending on the disc, a menu may appear on the TV screen. For DVD VIDEOS, see page 8. For VIDEO CDs, see page 19.

If a disc is inside the player

Press **▶**.

To stop playback

Press **■**.

To pause playback

Press **⏸**.

One-Touch Play (for HDMI connections only)

With one touch of the **▶** button on the remote, the player and your TV automatically turn on and the TV's input is switched to the player. Playback starts automatically.

The TV's input will also switch to the player automatically, in the following cases:

– You press **▶**, TOP MENU, MENU, or DISPLAY buttons on the remote.

Note that these buttons are not effective when you play audio CD or music files in “MUSIC” mode.

– If a disc with auto play function is loaded.

– If you push the disc tray to close.



You can have the player turned off automatically whenever you leave it in stop mode for more than 30 minutes. To turn this function on or off, set “AUTO POWER OFF” in “CUSTOM SETUP” to “ON” or “OFF” (page 35).



- Depending on the DVD or VIDEO CD, some operations may be different or restricted. Refer to the operating instructions supplied with your disc.
- Discs created on DVD recorders must be correctly finalized before they can be played. For more information about finalizing, refer to the operating instructions supplied with the DVD recorder.

Note on playing DTS sound tracks on a DVD VIDEO

DTS audio signals are output only through the DIGITAL OUT (COAXIAL)/HDMI OUT jack.

To resume playback from the point where you stopped the disc (Multi-disc Resume)

DVDVideo **VCD**

When you press **▶** again after you stop playback, the player starts playback from the point when you pressed **■**.



- To play from the beginning of the disc, press **■** twice, then press **▶**.
- With DVD VIDEOS and VIDEO CDs, the player stores the point where you stopped the disc for up to 6 discs and resumes playback the next time you insert the same disc. If you store a resume playback point for the seventh disc, the resume playback point for the first disc is deleted.




- “MULTI-DISC RESUME” in “CUSTOM SETUP” must be set to “ON” (default) for this function to work (page 35).
- Resume Play does not work during Shuffle Play and Program Play.
- With some discs, Resume Play may not work, depending on the point you stop playback, or if you press I/⏪.

To play VIDEO CDs with PBC functions (PBC Playback)

PBC (Playback Control) allows you to play VIDEO CDs interactively using the menu on your TV screen.




When you start playing a VIDEO CD with PBC functions, the menu for your selection appears.

Select an item using the number buttons, and press ENTER. Then, follow the instructions in the menu (press  when “Press SELECT” appears).



To return to the menu

Press  RETURN.



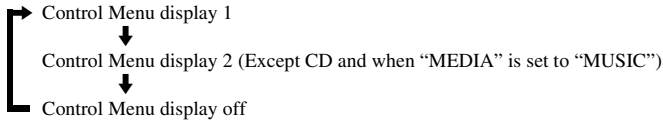
To play without using PBC, press /  or the number buttons while the player is stopped to select a track, then press  or ENTER.

“Play without PBC” appears on the TV screen and the player starts continuous play. You cannot play still pictures such as a menu.

To return to PBC playback, press  twice then press .

Control Menu display

Use the Control Menu to select a function and to view related information. Press DISPLAY repeatedly to turn on or change the Control Menu display as follows:

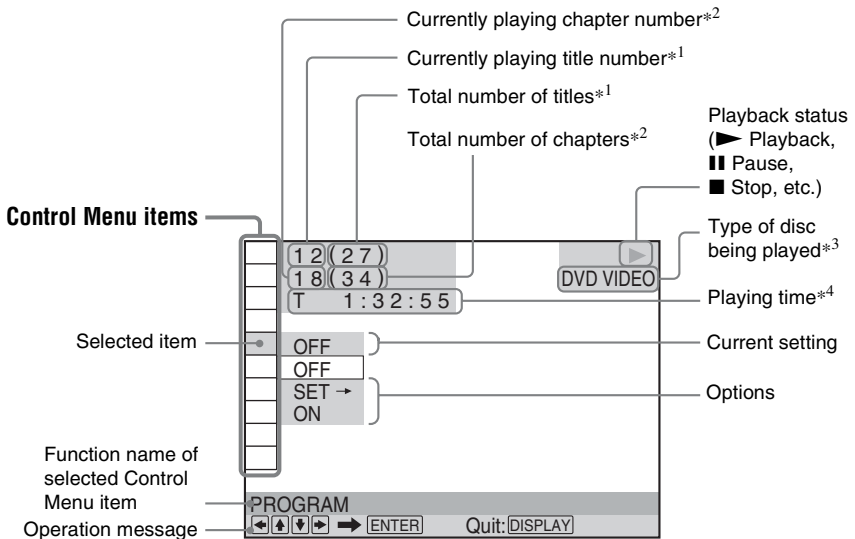


The Control Menu display 1 and 2 will show different items depending on the media type.

Example: Control Menu display 1 when playing a DVD VIDEO.

Press \uparrow/\downarrow to select the Control Menu item, then press ENTER.

For details about the item, see "List of Control Menu items" (page 21, 22).



*1 Displays the album number for video, photo, and music files, scene number for VIDEO CDs (PBC is on), and track number for VIDEO CDs/CDs.

*2 Displays the video, photo, music files numbers, and index numbers for VIDEO CDs.

*3 Displays Super VCD as "SVCD."


*4 Displays the date for photo files.

List of Control Menu items

Item	Item Name, Function
------	---------------------

	TITLE/SCENE/TRACK
--	--------------------------

	CHAPTER/INDEX
--	----------------------

	TRACK Selects the title, scene, track, chapter, or index to be played.
--	--


1 Press **↑/↓** to select the search method.

*** (***) is selected (** refers to a number).

2 Press **ENTER**.
*** (***) changes to "-- (**)."

3 Press the number buttons to select the number you want to search.


4 Press **ENTER**.


	TIME/TEXT Checks the elapsed time and the remaining playback time. Input the time code for picture and music searching (DVD and DivX video files only).
--	--


1 Press **ENTER**.


2 Input the time code using the number buttons, then press **ENTER**.


For example, to find the scene at 2 hours, 10 minutes, and 20 seconds after the beginning, just enter "2:10:20."


 You cannot search for a scene on a DVD+RW/DVD+R/DVD+R DL using the time code.


	DISC/USB for DVP-NS728H only (page 29) Selects either USB or DISC playback mode.
--	--


	ORIGINAL/PLAY LIST Selects the type of titles (DVD-VR mode) to be played, the ORIGINAL one, or an edited PLAY LIST.
--	---


	PROGRAM (page 24) Selects the title, chapter, or track to play in the order you want.
--	---


	SHUFFLE (page 25) Plays the title, chapter, or track in random order.
--	---

	REPEAT (page 25) Plays all titles/tracks/albums or a single title/chapter/track/album/file repeatedly.
---	--


	A-B REPEAT (page 26) Specifies the parts you want to play repeatedly.
---	---


	PARENTAL CONTROL (page 28) Set to prohibit playback on this player.
---	---


	SETUP (page 15, 32) QUICK: Use Quick Setup to choose the desired language of the on-screen display, the aspect ratio of the TV and the audio output signal. CUSTOM: In addition to the Quick Setup setting, you can adjust various other settings. RESET: Returns the settings in "SETUP" to the default setting.
---	---

	ZOOM Magnifies the image up to four times the original size, and scroll using ←/↑/↓/→ . To return to normal view, press CLEAR . This function is available for all pictures except a background image.
---	--

	ANGLE Changes the angle.
---	------------------------------------

	CUSTOM PICTURE MODE (page 27) Selects the picture quality that best suits the program you are watching.
---	---

	SHARPNESS (page 27) Exaggerates the outline of the image to produce a sharper picture.
---	--

	AV SYNC (page 27) Adjust the delay between the picture and sound.
---	---



TVS (TV Virtual Surround)

Selects surround sound effect when connecting a stereo TV or 2 front speakers. This only works when playing a multichannel Dolby audio sound track. Furthermore, if the player is set up to output the signal from the DIGITAL OUT (COAXIAL)/HDMI OUT jack, the surround effect will only be heard when "DOLBY DIGITAL" is set to "D-PCM" in "AUDIO SETUP" (page 36).

The default setting is underlined.

• OFF

Cancels the setting.

- TVS DYNAMIC THEATER
- TVS DYNAMIC
- TVS WIDE

This mode is effective when the distance between the front L and R speakers is short, such as with built-in speakers on a stereo TV.

• TVS NIGHT

This feature is useful when you want to hear the dialog and enjoy the surround sound effects of "TVS WIDE" at low volume.



• TVS STANDARD

Use this setting when you want to use TVS with 2 separate speakers.












- When you select one of the TVS modes, turn off the surround setting of the connected TV or audio component.
- The TVS effects do not work when using the Fast Play or Slow Play functions, even though you can change the TVS modes.
- If you use the DIGITAL OUT (COAXIAL)/HDMI OUT jack and set "DOLBY DIGITAL" to "DOLBY DIGITAL," and "DTS" to "ON" in "AUDIO SETUP," sound will come from your speakers but it will not have the surround effect.



The Control Menu icon indicator lights up in green  →  when you select any item except "OFF" ("PROGRAM," "SHUFFLE," "REPEAT," "A-B REPEAT," "SHARPNESS," "ZOOM," "TVS" only). The "ORIGINAL/PLAY LIST" indicator lights up in green when you select "PLAY LIST" (default setting). The "ANGLE"

indicator lights up in green when you can change the angle. The "CUSTOM PICTURE MODE" indicator lights up in green when any setting other than "STANDARD" is selected. The "AV SYNC" indicator lights up in green when set to more than 0 ms.

◆ Items for DATA discs or USB (DVP-NS728H only)

Item	Item Name, Function
	ALBUM Selects the album that contains music and photo files to be played.
	FILE Selects the photo file to be played.
	ALBUM Selects the album that contains video file to be played.
	FILE Selects the video file to be played.
	DATE Displays the date the picture was taken by a digital camera.
	INTERVAL (page 31) Specifies the duration for which the slides are displayed on the screen.
	EFFECT (page 31) Selects the effects to be used for changing slides during a slide show.
	MEDIA VIDEO: plays video files. PHOTO/MUSIC: plays photo and music files as a slide show. PHOTO (BGM): plays photo files with the player's internal background sound. To choose the melody of the background sound, press AUDIO repeatedly while viewing the image. MUSIC: plays music files.
	<ul style="list-style-type: none"> • For details on playable files, see "Playable Media" page 42. • Depending on the contents, the player will play all files regardless of the "MEDIA" settings.

Guide to the 'BRAVIA Sync' Display

You can control the player by selecting the SYNC MENU button on the TV's remote or TV's option menu.

'BRAVIA Sync' display

The 'BRAVIA Sync' display will show different items depending on the disc type.

Example: 'BRAVIA Sync' display when playing a DVD VIDEO



Select an item using $\leftarrow/\uparrow/\downarrow/\rightarrow$ and then press ENTER.

◆ When playing a DVD VIDEO

Displays MENU and TOP MENU.

◆ When playing in DVD-VR mode

Displays \lll , \ggg , and chapter number.

◆ When playing a CD, VIDEO CD, or Super VCD (without PBC)

Displays \lll , \ggg , and track number.

◆ When playing a VIDEO CD or Super VCD (with PBC) (page 19)

Displays \lll , \ggg , and scene number.

When the disc's menu appears, you can select an item by pressing \uparrow/\downarrow .

◆ When playing video, photo, and music files

Displays MENU and PICT. NAVI (Picture Navigation).

To change the display

Press SYNC MENU on the TV's remote repeatedly to turn or change the display.

'BRAVIA Sync' display and Control Menu are displayed alternately.

To turn off the display

Press RETURN or SYNC MENU button on the TV's remote repeatedly.



You can also control these functions on the player's remote.



- The items in the 'BRAVIA Sync' display have the same functions as the player's remote buttons (page 7).
- You can only use this function if your TV supports the 'BRAVIA Sync'.
- For more details of 'BRAVIA Sync', please refer to the operating instructions supplied with the TV.

Various Play Mode Functions

You can set the following play modes:

- Program Play (page 24)
- Shuffle Play (page 25)
- Repeat Play (page 25)
- A-B Repeat Play (page 26)



The play mode is canceled when:

- you open the disc tray.
- you remove the USB device (DVP-NS728H only).
- you press **I/O** and the player enters standby mode.
- you change the setting of "DISC/USB" (DVP-NS728H only).

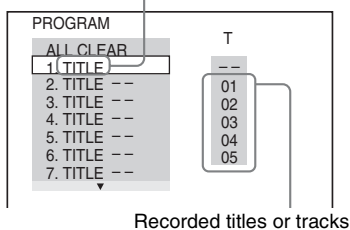
Creating your own program (Program Play)

DVDVideo VCD CD

You can play the contents in the order you want. You can program up to 99 titles, chapters, and tracks.

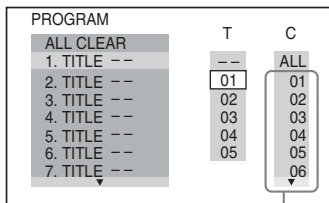
- 1 After selecting **PROGRAM** (PROGRAM) on the Control Menu (page 20), press **↑/↓** to select "SET →," then press **ENTER**.

"TRACK" is displayed when you play a VIDEO CD or CD.



- 2 Press **→**.

The cursor moves to the title or track row "T" (in this case, "01").



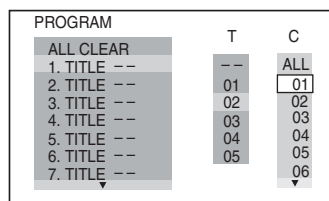
Recorded chapters

- 3 Select the title, chapter, or track you want to program.

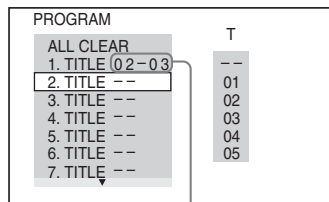
◆ When playing a DVD VIDEO

For example, select chapter "03" of title "02."

Press **↑/↓** to select "02" under "T," then press **ENTER**.



Next, press **↑/↓** to select "03" under "C," then press **ENTER**.

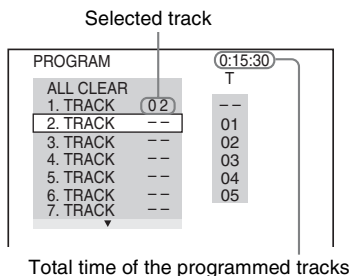


Selected title and chapter

◆ When playing a VIDEO CD or CD

For example, select track "02."

Press **↑/↓** to select "02" under "T," then press **ENTER**.



Total time of the programmed tracks

4 Repeat steps 2 to 3, to program other titles, chapters, or tracks.

The programmed titles, chapters, and tracks are displayed in the selected order.

5 Press **▶**.

Program Play begins.

When the program ends, you can restart the same program again by pressing **▶**.

To return to normal play

Press CLEAR, or select "OFF" in step 1. To play the same program again, select "ON" in step 1 and press ENTER.

To change or cancel a program

- 1 Follow step 1 of "Creating your own program (Program Play)."
- 2 Select the program number of the title, chapter, or track you want to change or cancel using **↑/↓** and press **→**. If you want to delete the title, chapter, or track from the program, press CLEAR.
- 3 Follow step 3 of "Creating your own program (Program Play)" for new programming. To cancel a program, select "--" under "T," then press ENTER.

To cancel all of the titles, chapters, or tracks in the programmed order

Press **↑** and select "ALL CLEAR" in step 2 of "Creating your own program (Program Play)" and press ENTER.



You can perform Repeat Play or Shuffle Play of programmed titles, chapters, or tracks. During Program Play, follow the steps of Repeat Play (page 25) or Shuffle Play (page 25).



- When you program tracks on a Super VCD, the total playing time is not displayed.
- You cannot use this function with VIDEO CDs or Super VCDs with PBC playback.

Playing in random order (Shuffle Play) **DVDVideo** **VCD** **CD**

You can have the player "shuffle" titles, chapters, or tracks. Subsequent "shuffling" may produce a different playing order.

1 After selecting (SHUFFLE) on the Control Menu (page 20), press **↑/↓** to select the item to be shuffled.

◆ When playing a DVD VIDEO

- TITLE
- CHAPTER

◆ When playing a VIDEO CD or CD

- TRACK

◆ When Program Play is activated

- ON: shuffles titles, chapters, or tracks selected in Program Play

2 Press ENTER.

Shuffle Play starts.

To return to normal play

Press CLEAR, or select "OFF" in step 1.



- You can set Shuffle Play while the player is stopped. After selecting the "SHUFFLE" option, press **▶**. Shuffle Play starts.
- Up to 200 chapters in a disc can be played in random order when "CHAPTER" is selected.



You cannot use this function with VIDEO CDs or Super VCDs with PBC playback.

Playing repeatedly (Repeat Play) **DVDVideo** **DVDVr** **VCD** **CD**

DATA

You can play all of the titles or tracks, or a single title, chapter, or track repeatedly. You can use a combination of Shuffle or Program Play modes.

1 After selecting (REPEAT) on the Control Menu (page 20), press **↑/↓** to select the item to be repeated.

- **DISC:** repeats all of the titles, tracks, or albums. (Select ORIGINAL or PLAY LIST in DVD-VR mode)
- **USB:** repeats all albums (DVP-NS728H only)
- **TITLE:** repeats the current title
- **CHAPTER:** repeats the current chapter
- **TRACK:** repeats the current track
- **FILE** (video files only): repeats the current file
- **ALBUM:** repeats the current album
- ◆ **When Program Play or Shuffle Play is activated**
- **ON:** repeats Program Play or Shuffle Play

2 Press ENTER.

Repeat Play starts.

To return to normal play

Press CLEAR, or select “OFF” in step 1.



You cannot use this function with VIDEO CDs or Super VCDs with PBC playback.

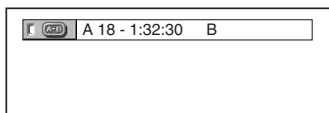
Repeating a specific portion (A-B Repeat Play)

DVDVideo **DVD**VR **VCD** **CD**

You can play a specific portion of a title, chapter, or track repeatedly.

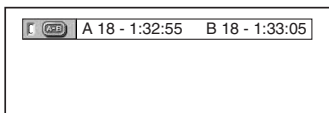
- 1 After selecting  (A-B REPEAT) on the Control Menu (page 20), press \uparrow/\downarrow to select “SET \rightarrow ,” then press ENTER.

The “A-B REPEAT” setting bar appears.



- 2 During playback, when you find the starting point (point A) of the portion to be played repeatedly, press ENTER.

The starting point (point A) is set.



3 When you reach the ending point (point B), press ENTER again.

The set points are displayed and the player starts repeating this specific portion.

To return to normal play

Press CLEAR, or select “OFF” in step 1.




- A-B Repeat Play does not work across multiple titles.
- You may not set A-B Repeat Play for contents in DVD-VR mode that contains still pictures.

Customizing the Playback Configuration

Adjusting the playback picture (CUSTOM PICTURE MODE)

DVDVideo DVDVr VCD DATA

You can adjust the video signal from the player to obtain the picture quality you want.

1 After selecting  (CUSTOM PICTURE MODE) on the Control Menu (page 20), press \uparrow/\downarrow to select the setting you want.

The default setting is underlined.

- STANDARD: displays a standard picture
- DYNAMIC 1: produces a bold dynamic picture by increasing the picture contrast and the color intensity
- DYNAMIC 2: produces a more dynamic picture than DYNAMIC 1 by further increasing the picture contrast and color intensity
- CINEMA 1: enhances details in dark areas by increasing the black level
- CINEMA 2: white colors become brighter and black colors become richer, and the color contrast is increased
- MEMORY \rightarrow : adjusts the picture in greater detail

PICTURE	Changes the contrast.
BRIGHTNESS	Changes the overall brightness.
COLOR	Makes the colors deeper or lighter.
HUE	Changes the color balance.

2 Press ENTER.

The selected setting takes effect.



When you watch a movie, "CINEMA 1" or "CINEMA 2" is recommended.




- This function does not work when "PhotoTV HD" mode is activated (page 30).
- This function does not work if your TV supports Theater mode and it is set to "On." For more details, refer to the operating instructions supplied with the TV.

Sharpening the picture

(SHARPNESS) DVDVideo DVDVr VCD DATA

You can enhance the outlines of images to produce a sharper picture.

1 After selecting  (SHARPNESS) on the Control Menu (page 20), press \uparrow/\downarrow to select a level.

The default setting is underlined.

- OFF: cancels this option
- 1: enhances the outline
- 2: enhances the outline more than 1

2 Press ENTER.

The selected setting takes effect.



- This function does not work when "PhotoTV HD" mode is activated (page 30).
- This function does not work if your TV supports Theater mode and it is set to "On." For more details, refer to the operating instructions supplied with the TV.

Adjusting the delay between the picture and sound

(AV SYNC) DVDVideo DVDVr VCD DATA

When the sound does not match the pictures on the screen, you can adjust the delay between the picture and sound.

1 After selecting  (AV SYNC) on the Control Menu (page 20), press \rightarrow to select "SET \rightarrow ," then press ENTER.

The "AV SYNC" adjustment bar appears.



2 Press \rightarrow repeatedly to adjust the delay.

Each time you press \leftarrow/\rightarrow , the delay is adjusted by 10 milliseconds.

3 Press ENTER.

The selected setting takes effect.

To reset the “AV SYNC” setting

Press CLEAR in step 2.




- This function is not effective if you use the DIGITAL OUT (COAXIAL) jack, and set “DOLBY DIGITAL” or “DTS” in “AUDIO SETUP” to “DOLBY DIGITAL” or “ON” respectively (page 36).
- This function is not effective if you connect a Dolby Digital or DTS-compliant device via the HDMI OUT jack, and set “DOLBY DIGITAL” or “DTS” in “AUDIO SETUP” to “DOLBY DIGITAL” or “ON” respectively (page 36).
- For DATA disc or USB (DVP-NS728H only), this function works for video files only.

Locking discs (PARENTAL CONTROL)

You can set two kinds of playback restrictions as following:

- Custom Parental Control
- Parental Control

After selecting  (PARENTAL CONTROL) on the Control Menu (page 20), the options appear as shown below.

Select the option you want.







The default setting is underlined.

- ON →: Sets the playback restrictions so that the player will not play inappropriate discs (Custom Parental Control)
- PLAYER →: Playback of some DVD VIDEOS can be limited according to a predetermined level such as the age of the users. Scenes may be blocked or replaced with different scenes (Parental Control). See “Parental Control (limited playback)” (page 28) for detailed settings
- PASSWORD →: Enter a 4-digit password using the number buttons. The same password is used for both Custom Parental Control and Parental Control. Also use this menu to change the password
- OFF →: Turns off the Custom Parental Control function

Parental Control (limited playback)




You can set a playback limitation level.

- 1 After selecting  (PARENTAL CONTROL) on the Control Menu (page 20), press  to select “PLAYER →,” then press ENTER.
The password is required.
- 2 Enter or re-enter your 4-digit password using the number buttons, then press ENTER.
The display for setting the playback limitation level appears.
- 3 Press  to select “STANDARD,” then press ENTER.
The selection items for “STANDARD” are displayed.
- 4 Press  to select a geographic area as the playback limitation level, then press ENTER.
The area is selected.
When you select “OTHERS →,” select and enter a standard code in the table on page 46 using the number buttons.
- 5 Press  to select “LEVEL,” then press ENTER.
The selection items for “LEVEL” are displayed.
- 6 Select the level you want using , then press ENTER.
Parental Control setting is complete.
The lower the value, the stricter the limitation.

To turn off the Parental Control function, set “LEVEL” to “OFF.”




If you forget your password, remove the disc and repeat step 1 of “Parental Control (limited playback).” When you are asked to enter your password, enter “199703” using the number buttons, then press ENTER. The display will ask you to enter a new 4-digit password. After you enter a new 4-digit password, replace the disc in the player and press . When the display for entering your password appears, enter your new password.



Depending on the disc, you may be asked to change the parental control level while playing the disc. In this case, enter your password, then change the level. If the Resume Play mode is canceled, the level returns to the previous level.

Playing Video, Photo, and Music Files **DATA**

The player can play video, photo, or music files. For details on playable files, see “Playable Media” page 42.

 DATA CDs recorded in KODAK Picture CD format automatically start playing when inserted.


1 Press MENU.

The list of albums appears.

2 Press to select the album.

3 Press .

Playback starts from the selected album.



To select a specific video or music file, press ENTER and press  to select a track or file, and then press ENTER.

To select a specific photo file, see “Selecting a photo file” (page 30).

To stop playback

Press .

To go to the next or previous page


Press  or .

To return to the previous display

Press  RETURN.

To go to the next or previous music and video files


Press  or  during playback.

Note that you cannot return to the previous album by using , and that you need to select the previous album from the album list.

To turn the display on or off

Press MENU repeatedly.

To play music with lyrics

Press SUBTITLE while playing music files that contain unsynchronized lyric information. To display next/previous line, press .



- By setting “MEDIA” to “PHOTO/MUSIC,” you can view a slideshow with sound when the music and photo files are placed in the same album.
- Set “MEDIA” to “MUSIC” to enable lyrics function.
- Depending on the contents, the player will play all files regardless of the “MEDIA” settings.
- If the number of viewing times is preset, you can play DivX video files as many times as the preset number. The following occurrences are counted:
 - when the disc tray is opened.
 - when another file is played.
 - when “DISC/USB” (DVP-NS728H only) or “MEDIA” settings are changed.



The player supports MP3 ID3 Lyrics only.

Playing video, photo, and music files from USB device (DVP-NS728H only)



1 After connecting the USB device (page 17), select (DISC/USB) on the Control Menu (page 20).

2 Press ENTER.



The default setting is underlined.

- DISC: Plays files from a disc
- USB: Plays files from a USB device

3 Select USB and follow step 3 of “Playing Video, Photo, and Music Files” (page 29) to start playback.

You can change to DISC mode automatically by pressing  without turning on the Control Menu display. Press  to start disc playback.



- For some device, LUN (Logical Unit Number) may appear. To change the LUN or original storage, press   when the list of albums or tracks is displayed.

- If the number of viewing times is preset, you can play DivX video files as many times as the preset number. The following occurrences are counted:
 - when **▲** is pressed.
 - when another file is played.
 - when the player is turned off. This includes when the player is automatically turned off by the Auto Power Off function. Press **■** instead of **■** to stop viewing.
 - when USB device is removed.
 - when “DISC/USB” or “MEDIA” settings are changed.

Selecting a photo file

1 Press MENU.

The list of albums appears.

2 Press **↑/↓** to select the album, then press PICTURE NAVI.

The image files in the album appear in 16 subscreens. A scroll box is displayed on the right.

1	2	3	4	
5	6	7	8	
9	10	11	12	
13	14	15	16	

To display additional images, select a bottom image and press **↓**. To return to a previous image, select a top image and press **↑**.

3 Press **←/↑/↓/→** to select the image you want to view, and press ENTER.

The selected image appears.

To go to the next or previous photo file

Press **←** or **→** during playback.

Note that you cannot return to the previous album by using **←**. Select the previous album from the album list.

To rotate a photo image

Press **↑/↓** while viewing the image. Each time you press **↑**, the image rotates counterclockwise by 90 degrees.

To return to normal view, press CLEAR.

Note that the view also returns to normal if you press **←/→** to go to the next or previous image.

To display photo information

Press SUBTITLE while viewing photo files. The detailed information for the selected photo file appears.

⚡ is displayed when the picture was taken using flash.

⌚ is displayed when the image is automatically rotated.

To hide the information, press SUBTITLE. Note that the above information may not appear depending on the digital camera.

To stop viewing the photo

Press **■**.



PICTURE NAVI does not work if “MUSIC” is selected in “MEDIA” (page 22).

Viewing a high quality slide show (PhotoTV HD)

If you have a Sony TV that is compatible with “PhotoTV HD,” you can enjoy the best quality images by the following connection and setting.

1 Connect the player to the TV using an HDMI cord (not supplied).

2 Set the TV’s video setting to “Video-A” mode.

For details about “Video-A,” refer to the operating instructions supplied with the TV.

3 Set “JPEG RESOLUTION” to “PhotoTV HD” in “HDMI SETUP” (page 37).

On “PhotoTV HD”

“PhotoTV HD” allows for highly-detailed pictures, and photo-like expression of subtle textures and colors. By connecting Sony “PhotoTV HD” compatible devices using an HDMI cord, whole new world of photos can be enjoyed in breathtaking Full HD quality. For instance, the delicate texture of the human skin, flowers, sand, and waves can now be displayed on a large screen in beautiful photo-like quality.



- By connecting to a Sony “PhotoTV HD” compatible device using an HDMI cord, the TV will set the optimal image quality for viewing still picture automatically. For more details, refer to the operating instructions supplied with the TV.
- “PhotoTV HD” is activated when “JPEG RESOLUTION” is set to “PhotoTV HD,” photo playback is available, and the player is connected to a TV by HDMI cord.
- You cannot select “CUSTOM PICTURE MODE” and “SHARPNESS,” when “PhotoTV HD” mode is activated.
- When “PhotoTV HD” mode is activated, the player changes video signal output from “HDMI RESOLUTION” to “1920×1080i,” “TV TYPE” to “16:9,” and “YCbCr/RGB (HDMI)” to “YCbCr” automatically even though the current settings are kept.
- You cannot select “HDMI RESOLUTION” or “YCbCr/RGB (HDMI)” in “HDMI SETUP” (page 37), or “TV TYPE” in “SCREEN SETUP” (page 33), when “PhotoTV HD” mode is activated.
- If you set “PhotoTV HD” mode, the effect, rotation and zoom functions are not available.
- When “PhotoTV HD” mode is activated, the selection for “TV TYPE” is skipped during Quick Setup (page 15).

Setting the pace for a slide show (INTERVAL)

You can set the time the slides are displayed on the screen.

- 1** After selecting  (INTERVAL) on the Control Menu (page 20), press **↑/↓** to select a setting.

The default setting is underlined.

- NORMAL: sets to standard duration
- FAST: sets a duration shorter than NORMAL
- SLOW 1: sets a duration longer than NORMAL
- SLOW 2: sets a duration longer than SLOW 1

- 2** Press **ENTER**.



Duration of interval depends on “JPEG RESOLUTION” setting in “HDMI SETUP” (page 37).

Selecting the slides' appearance (EFFECT)

You can select the way the slides are displayed during a slide show.

- 1** After selecting  (EFFECT) on the Control Menu (page 20), press **↑/↓** to select a setting.

The default setting is underlined.

- MODE 1: the images randomly cycle through the effects
- MODE 2: the next image sweeps in from top left to bottom right
- MODE 3: the image sweeps in from top to bottom
- MODE 4: the image sweeps in from left to right
- MODE 5: the image stretches out from the center of the screen
- OFF: turns off this function

- 2** Press **ENTER**.



- Note that this setting does not work if the JPEG file has rotation information.
- Depending on the “JPEG RESOLUTION” setting (page 37), some effect may not function.

Using the Setup Display

You can make various adjustments to items, such as picture and sound.

For details on each Setup Display item, see pages from 32 to 38.



Playback settings stored in the disc take priority over the Setup Display settings and not all of the functions described may work.

1 Press **DISPLAY** when the player is in stop mode.

The Control Menu appears.

2 Press **↑/↓** to select (SETUP), then press **ENTER**.

The options for “SETUP” appear.

- **QUICK**: makes the basic adjustments (page 15)
- **CUSTOM**: makes various adjustments
- **RESET**: resets all the settings explained on pages 32 to 38

3 Press **↑/↓** to select “CUSTOM,” then press **ENTER**.

The Setup Display appears.

Select the setup category and adjust each item following the instruction on pages 32 to 38.

LANGUAGE SETUP	
OSD:	ENGLISH
MENU:	ENGLISH
AUDIO:	ORIGINAL
SUBTITLE:	ENGLISH



LANGUAGE SETUP

You can set various languages for the on-screen display or sound track.

◆ **OSD (On-Screen Display)**

Switches the display language on the screen.

◆ **MENU (DVD VIDEO only)**

You can select the desired language for the disc’s menu.

◆ **AUDIO (DVD VIDEO only)**

Switches the language of the sound track. When you select “ORIGINAL,” the language given priority in the disc is selected.

◆ **SUBTITLE (DVD VIDEO only)**

Switches the language of the subtitle recorded on the DVD VIDEO.

When you select “AUDIO FOLLOW,” the language for the subtitles changes according to the language you selected for the sound track.



If you select “OTHERS →” in “MENU,” “SUBTITLE,” or “AUDIO,” select and enter a language code from “Language Code List” on page 46 using the number buttons.



If you select a language in “MENU,” “SUBTITLE,” or “AUDIO” that is not recorded on a DVD VIDEO, one of the recorded languages will be automatically selected.



SCREEN SETUP

Choose settings according to the TV to be connected.

The default settings are underlined.

◆ TV TYPE

Selects the aspect ratio of the connected TV (4:3 standard or wide). You cannot select this when "PhotoTV HD" mode is activated (page 30).

<u>16:9</u>	Select this when connecting to a wide-screen TV or a TV with a wide mode function.
4:3 LETTER BOX	Select this when connecting to a 4:3 screen TV. Displays a wide picture with bands on the upper and lower portions of the screen.
4:3 PAN SCAN	Select this when connecting to a 4:3 screen TV. Automatically displays the wide picture on the entire screen and cuts off the portions that do not fit.

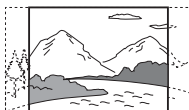
16:9



4:3 LETTER BOX



4:3 PAN SCAN



Depending on the DVD, "4:3 LETTER BOX" may be selected automatically instead of "4:3 PAN SCAN" or vice versa.

◆ SCREEN SAVER

The screen saver image appears when the player is in pause or stop mode for 15 minutes, or when you play a CD, or music files for more than 15 minutes. The screen saver will help prevent your display device from becoming damaged (ghosting). Press **▶** to turn off the screen saver.

<u>ON</u>	Turns on the screen saver.
OFF	Turns off the screen saver.

◆ BACKGROUND

Selects the background color or picture on the TV screen when the player is in stop mode or while playing a CD, or music files.

<u>JACKET PICTURE</u>	The jacket picture (still picture) appears, but only when the jacket picture is already recorded on the disc (CD-EXTRA, etc.). If the disc does not contain a jacket picture, the "GRAPHICS" picture appears.
GRAPHICS	A preset picture stored in the player appears.
BLUE	The background color is blue.
BLACK	The background color is black.

◆ BLACK LEVEL

Selects the black level (setup level) for the video signals output from the jacks other than COMPONENT VIDEO OUT/HDMI OUT.

<u>ON</u>	Sets the black level of the output signal to the standard level.
OFF	Lowers the standard black level. Use this when the picture becomes too white.

◆ BLACK LEVEL (COMPONENT OUT)

Selects the black level (setup level) for the video signals output from the COMPONENT VIDEO OUT jacks. You cannot select this when the player outputs progressive signals (page 34).

<u>OFF</u>	Sets the black level of the output signal to the standard level. Normally, select this position.
ON	Raises the standard black level. Use this setting when the picture appears too dark.

◆ PROGRESSIVE (COMPONENT OUT ONLY)

If your TV accepts progressive (480p) format signals, set “PROGRESSIVE (COMPONENT OUT ONLY)” to “ON.” Note that you must connect to a progressive format TV using the COMPONENT VIDEO OUT jacks (page 11).

<u>OFF</u>	To output normal (interlace) signals.
ON	To output progressive signals.

To output progressive signals

- 1 Select “PROGRESSIVE (COMPONENT OUT ONLY),” and press ENTER.
- 2 Select “ON,” and press ENTER. The display asks for confirmation.
- 3 Select “Start,” and press ENTER. The video switches to a progressive signal for 5 seconds.
- 4 If the picture appears normal, select “YES,” and press ENTER. If not, select “NO,” and press ENTER.

To reset the setting

If the picture does not appear normal or goes blank, press **I/⏻** to turn off the player, and enter “369” using the number buttons on the remote, then press **I/⏻** to turn on the player again.

◆ MODE (PROGRESSIVE)

In order for these images to appear natural on your screen when output in progressive mode, the progressive video signal needs to be converted to match the type of DVD software that you are watching.

This setting is effective only when you set “PROGRESSIVE (COMPONENT OUT ONLY)” in “SCREEN SETUP” to “ON.”

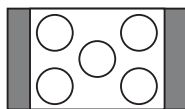
<u>AUTO</u>	Automatically detects the software type (film-based or video-based) and selects the appropriate conversion mode. Normally, select this position.
VIDEO	Fixes the conversion mode to the mode for video-based software.

◆ 4:3 OUTPUT

This setting is effective only when you set “TV TYPE” in “SCREEN SETUP” to “16:9.”

Adjust this to watch 4:3 aspect ratio. If you can change the aspect ratio on your TV, change the setting on your TV, not the player.

<u>FULL</u>	Select this when you can change the aspect ratio on your TV.
NORMAL	Select this when you cannot change the aspect ratio on your TV. Shows a 16:9 aspect ratio signal with black bands on left and right sides of the image.



16:9 aspect ratio TV



CUSTOM SETUP

Use this to set up playback related and other settings.

The default settings are underlined.

◆ AUTO POWER OFF

Switches the Auto Power Off setting on or off.

<u>OFF</u>	Switches this function off.
ON	The player enters standby mode when left in stop mode for more than 30 minutes.

◆ AUTO PLAY

Switches the Auto Play setting on or off. This function is useful when the player is connected to a timer (not supplied).

<u>OFF</u>	Switches this function off.
ON	Automatically starts playback when the player is turned on by a timer (not supplied).

◆ DIMMER

Adjusts the lighting of the front panel display.

<u>BRIGHT</u>	Makes the lighting bright.
DARK	Makes the lighting dark.
AUTO DARK	Makes the lighting dark if you do not operate the player or remote for a short while.

◆ PAUSE MODE (DVDs only)

Selects the picture in pause mode.

<u>AUTO</u>	The picture, including subjects that move dynamically, is output with no jitter. Normally, select this position.
FRAME	The picture, including subjects that do not move dynamically, is output in high resolution.

◆ TRACK SELECTION (DVD VIDEO only)

Gives the sound track which contains the highest number of channels priority when you play a DVD VIDEO on which multiple audio formats (PCM, DTS, or Dolby Digital format) are recorded.

<u>OFF</u>	No priority given.
AUTO	Priority given.



- When you set the item to "AUTO," the language may change. The "TRACK SELECTION" setting has higher priority than the "AUDIO" settings in "LANGUAGE SETUP" (page 32).
- If you set "DTS" to "OFF" (page 37), the DTS sound track is not played even if you set "TRACK SELECTION" to "AUTO."
- If PCM, DTS, and Dolby Digital sound tracks have the same number of channels, the player selects PCM, DTS, and Dolby Digital sound tracks in this order.

◆ MULTI-DISC RESUME (DVD VIDEO/VIDEO CD only)

Switches the Multi-disc Resume setting on or off. Resume playback can be stored in memory for up to 6 different DVD VIDEOS/VIDEO CDs (page 18).

<u>ON</u>	Stores the resume setting in memory for up to 6 discs.
OFF	Does not store the resume setting in memory. Playback restarts at the resume point only for the current disc in the player.



If you run Quick Setup, Multi-disc Resume setting stored in memory may return to the default settings.

◆ DivX (Except DVP-NS710H)

Displays the registration code for this player. For more information, go to <http://www.divx.com/vod> on the Internet.



AUDIO SETUP

You can set the sound according to the playback and connection conditions.

The default settings are underlined.

◆ AUDIO DRC (Dynamic Range Control) (DVDs only)

Makes the sound clear when the volume is turned down when playing a DVD that conforms to “AUDIO DRC.”

This function affects the output from the following jacks:

- LINE OUT L/R (AUDIO) jacks.
- DIGITAL OUT (COAXIAL)/HDMI OUT jack only when “DOLBY DIGITAL” is set to “D-PCM” (page 36).

<u>STANDARD</u>	Normally, select this position.
TV MODE	Makes low sounds clear even if you turn the volume down.
WIDE RANGE	Gives you the feeling of being at a live performance.

◆ DOWNMIX (DVDs only)

Switches the method for mixing down to 2 channels when you play a DVD which has rear sound elements (channels) or is recorded in Dolby Digital format. This function affects the output of the following jacks:

- LINE OUT L/R (AUDIO) jacks.
- DIGITAL OUT (COAXIAL)/HDMI OUT jack when “DOLBY DIGITAL” is set to “D-PCM” (page 36).

<u>DOLBY SURROUND</u>	Normally, select this position. Multi-channel audio signals are output to 2 channels for enjoying surround sounds.
NORMAL	Multi-channel audio signals are downmixed to 2 channels for use with your stereo.

◆ DIGITAL OUT

Selects if audio signals are output via the DIGITAL OUT (COAXIAL)/HDMI OUT jack.

<u>ON</u>	Normally, select this position. When you select “ON,” see “Setting the digital output signal” for further settings.
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OFF	The influence of the digital circuit upon the analog circuit is minimal.
-----	--

Setting the digital output signal

Switches the method of outputting audio signals when you connect a component such as an audio component or MD deck with a digital input jack.

For connection details, see page 13.

Select “DOLBY DIGITAL,” “DTS,” and “48kHz/96kHz PCM” after setting “DIGITAL OUT” to “ON.”

If you connect a component that is incompatible with the selected audio signal, a loud noise (or no sound) may be heard from the speakers, risking damage to your ears or speakers.



- The AV SYNC function (page 27) is not effective if you use the DIGITAL OUT (COAXIAL) jack, and set “DOLBY DIGITAL” or “DTS” to “DOLBY DIGITAL” or “ON” respectively.
- The AV SYNC function (page 27) is not effective if you connect a Dolby Digital or DTS-compliant device via the HDMI OUT jack, and set “DOLBY DIGITAL” or “DTS” to “DOLBY DIGITAL” or “ON” respectively.

◆ DOLBY DIGITAL (DVDs only)

Selects the type of Dolby Digital signal.

<u>DOLBY DIGITAL</u>	Select this when the player is connected to an audio component with a built-in Dolby Digital decoder.
D-PCM	Select this when the player is connected to an audio component without a built-in Dolby Digital decoder. You can select whether the signals conform to Dolby Surround (Pro Logic) or not by making adjustments to the “DOWNMIX” item in “AUDIO SETUP” (page 36).



If the HDMI OUT jack is connected to equipment not compatible with DOLBY DIGITAL signals, the “D-PCM” signals will be automatically output even when you select “DOLBY DIGITAL.”

◆ DTS

Selects the type of DTS audio signals.

OFF	Select this when the player is connected to an audio component without a built-in DTS decoder.
ON	Select this when the player is connected to an audio component with a built-in DTS decoder.



- When you play a DVD VIDEO with DTS sound tracks, set “DTS” to “ON” in “AUDIO SETUP” (page 37).
- If you connect the player to audio equipment without a DTS decoder, do not set “DTS” to “ON” in “AUDIO SETUP” (page 37). A loud noise may come out from the speakers, affecting your ears or causing the speakers to be damaged.
- If the HDMI OUT jack is connected to equipment not compatible with DTS signals, the “OFF” signals will be automatically output even when you select “ON.”

◆ 48kHz/96kHz PCM (DVD VIDEO only)

Selects the sampling frequency of the audio signal.

48kHz/16bit	The audio signals of DVD VIDEOS are always converted to 48kHz/16bit.
96kHz/24bit	All types of signals including 96kHz/24bit are output in their original format. However, if the signal is encrypted for copyright protection purposes, the signal is only output as 48kHz/16bit.



- The analog audio signals from the LINE OUT L/R (AUDIO) jacks are not affected by this setting and keep their original sampling frequency level.
- If the HDMI OUT jack is connected to equipment not compatible with 96 kHz/24 bit signals, 48 kHz/16 bit PCM will be automatically output even when you select “96kHz/24bit.”



HDMI SETUP

You can adjust items related to the HDMI connection.

◆ HDMI RESOLUTION

Selects the type of video signals output from the HDMI OUT jack. When you select AUTO (1920×1080p) (default), the player outputs video signals of the highest resolution acceptable for your TV. If the picture is not clear, natural or to your satisfaction, try another option that suits the disc and your TV/projector, etc. For details, refer also to the instruction manual supplied with the TV/projector, etc.

You cannot select this when “PhotoTV HD” mode is activated (page 30).

AUTO (1920×1080p)	Normally, select this.
1920×1080i	Sends 1920×1080i video signals.
1280×720p	Sends 1280×720p video signals.
720×480p	Sends 720×480p video signals.

To reset the setting

If the picture does not appear normal or goes blank, press **I/⏻** to turn off the player, and enter “369” using the number buttons on the remote, then press **I/⏻** to turn on the player again.



In case of “AUTO (1920×1080p),” the player automatically adjusts the video signals that are suitable for the TV.

Other cases, the player directly send the signal even if TV cannot accept.

◆ JPEG RESOLUTION

Selects the type of JPEG resolution so that you can enjoy high picture quality via your HDMI connection.

You cannot select this when “HDMI RESOLUTION” is set to “720×480p” or “TV TYPE” is set to “4:3 LETTER BOX” or “4:3 PAN SCAN.”

PhotoTV HD	Displays extra highly-detailed picture when connecting to a Sony’s “PhotoTV HD”-compatible device.
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SD <input type="checkbox"/>	Displays standard definition picture with black frame.
HD <input type="checkbox"/>	Displays high definition picture with black frame.
HD	Displays high definition picture without black frame.
(1920×1080i) HD <input type="checkbox"/>	Displays high definition picture with black frame at 1920×1080 pixels.
(1920×1080i) HD	Displays high definition picture without black frame at 1920×1080 pixels.



- “(1920×1080i) HD ” and “(1920×1080i) HD” are effective only when you set “HDMI RESOLUTION” to “1920×1080i” and “TV TYPE” to “16:9.”
- If you set this setting to “PhotoTV HD,” “(1920×1080i) HD ” or “(1920×1080i) HD,” effect, rotation, and zoom function are not available.
- If you want to use effect, rotation, and zoom function; sets this setting to “SD ,” “HD ,” or “HD.”
- If you set this setting to “PhotoTV HD,” “(1920×1080i) HD ” or “(1920×1080i) HD,” next image appears after black mute.
- HDMI signal will stop momentarily during loading or unloading DATA disc or USB (DVP-NS728H only).
- When you set to “PhotoTV HD,” the player changes video signal output from “HDMI RESOLUTION” to “1920×1080i,” “TV TYPE” to “16:9,” and “YCbCr/RGB (HDMI)” to “YCbCr” automatically even though the current settings are kept.
- Set this setting to “SD ,” when you want to view photo files in analog video outputs with the HDMI connection.

◆ YCbCr/RGB (HDMI)

Selects the type of HDMI signal output from HDMI OUT jack.

You cannot select this when “PhotoTV HD” mode is activated (page 30).

YCbCr	Outputs YCbCr signals.
RGB	Outputs RGB signals.



- If the playback picture becomes distorted, set this setting to “RGB.”
- If the HDMI OUT jack is connected to equipment with a DVI jack, “RGB” signals will be automatically output even when you select “YCbCr.”

◆ AUDIO (HDMI)

Selects the type of audio signal output from the HDMI OUT jack.

AUTO	Normally, select this. Outputs audio signals according to the “DIGITAL OUT” settings (page 36).
PCM	Converts Dolby Digital, or 96 kHz/24 bit PCM signals to 48 kHz/16 bit PCM.



A loud noise (or no sound) will be output if you connect the player to a TV that is not compatible with DOLBY DIGITAL/DTS signals and “AUTO” is selected. In this case, select “PCM.”

◆ CONTROL FOR HDMI

Switches the Control For HDMI setting on or off.

ON	Allows you to use the CONTROL FOR HDMI features (page 12).
OFF	Switches this function off.

◆ LANGUAGE FOLLOW

Switches the languages of the DVD player to the same as the current TV OSD language.

You cannot select this when “CONTROL FOR HDMI” is set to “OFF.”

ON	Switches this function on.
OFF	Switches this function off.



- Turn off any display before using this function.
- The OSD language for player keeps if the TV’s language cannot be supported.

Troubleshooting

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

Power

The power is not turned on.

- ➔ Check that the power cord is connected securely.

Picture

There is no picture/picture noise appears.

- ➔ Re-connect the connecting cord securely.
- ➔ The connecting cords are damaged.
- ➔ Check the connection to your TV (page 11) and switch the input selector on your TV so that the signal from the player appears on the TV screen.
- ➔ The disc is dirty or flawed.
- ➔ You set the "PROGRESSIVE (COMPONENT OUT ONLY)" to "ON" in "SCREEN SETUP" (page 34) even though your TV cannot accept the progressive signal. In this case, refer to page 34 to reset the setting.
- ➔ Even if your TV is compatible with progressive format 480p signals and connected using COMPONENT VIDEO OUT jacks, the image may be affected when you set the player to progressive format. In this case, set the "PROGRESSIVE (COMPONENT OUT ONLY)" in "SCREEN SETUP" to "OFF" (page 34) so that the player is set to normal (interlace) format.
- ➔ The player is connected to an input device that is not HDCP compliant. See page 12.
- ➔ If the HDMI OUT jack is used for video output, changing the "HDMI RESOLUTION" setting in "HDMI SETUP" may solve the problem (page 37). Connect the TV and the player using a video jack other than the HDMI OUT, and switch the TV's input to the connected video input so that you can see the on-screen displays.

Change the "HDMI RESOLUTION" setting in "HDMI SETUP," and switch the TV's input back to HDMI. If the picture still does not appear, repeat the steps and try other options.

- ➔ Press **I/C** to turn off the player, and enter "369" using the number buttons on the remote, then press **I/C** to turn on the player again (page 38).

There is no picture/picture noise appears when connected to the HDMI OUT jack.

- ➔ Try the following: ① Turn the player off and on again. ② Turn the connected equipment off and on again. ③ Disconnect and then connect the HDMI cord again.

Sound

There is no sound.

- ➔ Re-connect the connecting cord securely.
- ➔ The connecting cord is damaged.
- ➔ The player is connected to the wrong input jack on the audio component (page 13).
- ➔ The audio component input is not correctly set.
- ➔ The player is in pause mode or in Slow-motion Play mode.
- ➔ The player is in fast forward or fast reverse mode.
- ➔ If the audio signal does not come through the DIGITAL OUT (COAXIAL)/HDMI OUT jack, check the audio settings (page 36).
- ➔ While playing a Super VCD on which the audio track 2 is not recorded, no sound will come out when you select "2:STEREO," "2:1/L," or "2:2/R." Press AUDIO to select the recorded track.
- ➔ The equipment connected to the HDMI OUT jack does not conform to the audio signal format, in this case set "AUDIO (HDMI)" in "HDMI SETUP" to "PCM" (page 38).

No sound is output from the HDMI OUT jack

- ➔ Try the following: ① Turn the player off and on again. ② Turn the connected equipment off and on again. ③ Disconnect and then connect the HDMI cord again.
- ➔ The HDMI OUT jack is connected to a DVI device (DVI jacks do not accept audio signals).

The sound volume is low.

- ➔ The sound volume is low on some DVDs. The sound volume may improve if you set “AUDIO DRC” in “AUDIO SETUP” to “TV MODE” (page 36).

Operation

The remote does not function.

- ➔ The batteries in the remote are weak.
- ➔ There are obstacles between the remote and the player.
- ➔ The distance between the remote and the player is too far.
- ➔ The remote is not pointed at the remote sensor on the player.

The disc does not play.

- ➔ The disc is turned over. Insert the disc with the playback side facing down.
- ➔ The disc is skewed.
- ➔ The player cannot play certain discs (page 2).
- ➔ The region code on the DVD does not match the player.
- ➔ Moisture has condensed inside the player (page 3).
- ➔ The player cannot play a recorded disc that is not correctly finalized (page 43).

The album/track/file names are not displayed correctly.

- ➔ The player can only display numbers and alphabet. Other characters are displayed as “*”.

The disc does not start playing from the beginning.

- ➔ Program Play, Shuffle Play, Repeat Play, or A-B Repeat Play is selected (page 24).
- ➔ Resume play has taken effect (page 18).

“Copyright lock” appears and the screen turns blue when playing in DVD-VR mode.

- ➔ Images taken from digital broadcasts, etc., may contain copy protection signals, such as complete copy protection signals, single copy signals, and restriction-free signals. When images that contain copy protection signals are played, a blue screen may appear instead of the images. It may take a while when looking for playable images. (For player that cannot play images that contain a copy protection only)

Some functions such as Stop, Fast Play, Slow Play, Slow-motion Play, Repeat Play, Shuffle Play, or Program Play cannot be performed.

- ➔ Depending on the disc, you may not be able to do some of the operations above.

The player does not operate properly.

- ➔ When static electricity, etc., causes the player to operate abnormally, unplug the player.

5 numbers or letters are displayed on the screen.

- ➔ The self-diagnosis function was activated. (See the table on page 41.)

The disc tray does not open and “LOCKED” appears on the front panel display.

- ➔ Child Lock is set (page 9).

The disc tray does not open and “TRAY LOCKED” appears on the front panel display.

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

“Data error” appears on the TV screen when playing video, photo, and music files.

- ➔ The video, photo, and music files you want to play is broken.

The CONTROL FOR HDMI function does not work.

- ➔ Make sure that the connected component is compatible with the CONTROL FOR HDMI function. Please refer to the operating instructions of the component for detailed explanation.
- ➔ Make sure that the TV’s input is switched to DVD player so that the signal from the player appears on the TV screen, and “CONTROL FOR HDMI” is set to “ON” (page 38).

‘BRAVIA Sync’ display does not appear.

- ➔ Turn off any display of the DVD player displays. Then, try again.
- ➔ Please return to the one screen mode if your TV is in two screen mode. Then, try again.

Your TV automatically turns on or the TV's input is switched to the player.

- ➔ "CONTROL FOR HDMI" is set to "ON" (page 38). Switch this function to "OFF".

Display language on the screen switches automatically.

- ➔ When "LANGUAGE FOLLOW" is set to "ON" in the "HDMI SETUP" (page 38), the display language on the screen automatically switches, according to the language setting of the connected TV, if you change the language settings on your TV, etc.

USB (DVP-NS728H only)

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

- ➔ The USB device is not securely connected to the player (page 17).
- ➔ The USB device or a cord is damaged.
- ➔ Disc mode has not been switched to USB mode.
- ➔ Compatibility with all encoding/writing softwares, recording devices, and recording media cannot be guaranteed. Incompatible USB device may produce noise or interrupted audio or may not play at all.














Self-diagnosis Function

(When letters/numbers appear on the screen)

When the self-diagnosis function is activated to prevent the player from malfunctioning, a five-character service number (e.g., C 13 50) with a combination of a letter and four digits appears on the screen. In this case, check the following table.

First three characters of the service number	Cause and/or corrective action
C 13	The disc is dirty or recorded in a format that this player cannot play (page 42). ➔ Clean the disc with a cleaning cloth or check its format.
C 31	The disc is not inserted correctly. ➔ Re-insert the disc correctly.

Playable Media

Type	Disc Logo	Icon	Characteristic
DVD VIDEO	  		<ul style="list-style-type: none"> • Commercial DVD • DVD+RWs/DVD+Rs/ DVD+R DLs in +VR mode • DVD-RWs/DVD-Rs/DVD-R DLs in video mode
DVD-VR mode	 DVD + ReWritable  DVD + R  DVD - R DL		<ul style="list-style-type: none"> • DVD-RWs/DVD-Rs/DVD-R DLs in VR (Video Recording) mode
CD			<ul style="list-style-type: none"> • Music CD • CD-Rs/CD-RWs in music format
VIDEO CD			<ul style="list-style-type: none"> • Super VCDs • CD-Rs/CD-RWs in video CD/Super VCD format
DATA disc or USB ^{*1}	—		<ul style="list-style-type: none"> • DATA CD/DATA DVD or USB^{*1} devices containing video^{*2}, photo, or music files

*1 DVP-NS728H only.

*2 DVP-NS710H can play video file in MPEG-1 format only.

Notes about video, photo, or music files that the player can play

The player can play the following files:

File Type	File format	Extension
Video	DivX ^{*1*2}	“.avi” or “.divx”
	MPEG-1 ^{*3}	“.mpg” or “.mpeg”
	MPEG-4 (simple profile) ^{*1*4}	“.mp4” or “.m4v”
Photo	JPEG	“.jpeg” or “.jpg”
Music	MP3 ^{*5}	“.mp3”
	WMA ^{*4}	“.wma”
	AAC ^{*4}	“.m4a”
	LPCM/WAVE	“.wav”

*1 Except DVP-NS710H.

*2 DivX[®] is a video file compression technology, developed by DivX, Inc.

DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.

*3 Only support movie data of cyber shot.

*4 Files with copyright protection (Digital Right Management) cannot be played.

*5 MP3 (MPEG-1 Audio Layer III) is a standard format defined by ISO (International Organization for Standardization)/IEC (International Electrotechnical Commission) MPEG which compresses audio data.

The player will play any file in the above table, even if the file format differs. Playing such data may generate noise that can result in speaker damage. The player can play the following files:

- Photo files that conform to the DCF^{*} image file format.
- DATA CDs recorded according to ISO 9660^{**} Level 1/Level 2, or its extended format, Joliet.
- DATA DVDs recorded according to UDF (Universal Disk Format).

* "Design rule for Camera File system": Image standards for digital cameras regulated by JEITA (Japan Electronics and Information Technology Industries Association).

** A logical format of files and folders on CD-ROMs, defined by ISO (International Organization for Standardization).




- If you add numbers (01, 02, 03, etc.) to the front of the file names, the files will be played in that order.
- To play a complex hierarchy of folders may take some time. Create albums with no more than two hierarchies.
- Set "MEDIA" to "PHOTO/MUSIC" to repeat both music and photo files. See "Playing repeatedly (Repeat Play)" page 25.



- Some video, photo, and music files may not play, depending on the encoding/recording condition.
- To start playback and proceed to the next or another album may take some time.
- The player cannot play music files in mp3PRO or WMA Pro format.
- If the playing time of either music or photo is longer, the longer one continues without sound or image.
- To display Progressive photo files or photo files of 3,000,000 pixels or more may take time and the duration may seem longer than your selected setting.
- The player will recognize a maximum of 200 albums, regardless of the selected mode. It can recognize up to 300 music files and 300 photo files when "PHOTO/MUSIC" is selected, 600 music files when "MUSIC" is selected, 600 photo files when "PHOTO (BGM)" is selected, and 600 video files when "VIDEO" is selected.
- The player may not play a combination of two or more video files.
- The player cannot play a video file of size more than 720 (width) × 576 (height)/2 GB.
- The player may not play certain video files that are longer than 3 hours.
- Depending on the file, normal playback may not be possible. The picture may be unclear, playback may not appear smooth, the sound may skip, etc. You are recommended to create the file at a lower bit rate.
- The player may not playback the high bit rate video file on the DATA CD smoothly. You are recommended to playback using DATA DVD.
- When playing visual data that is not supported by MPEG-4 format, only sound will be heard.

Region code

Your player has a region code printed on the back of the unit and only will play commercial DVDs (playback only) labeled with identical region codes. This system is used to protect copyrights.

Commercial DVDs labeled  will also play on this player.

Depending on the commercial DVD, there may be no region code indication, even though playing the commercial DVD is prohibited by area restrictions.



Region code



• Notes about recordable media

Some recordable media cannot be played on this player due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software.

The disc will not play if it has not been correctly finalized. For more information, refer to the operating instructions for the recording device. Note that some playback functions may not work with some DVD+RWs/DVD+Rs/DVD+R DLs, even if they have been correctly finalized. In this case, view the disc by normal playback. Also some DATA discs created in Packet Write format cannot be played.

• Music discs encoded with copyright protection technologies

This product is designed to playback discs that conform to the Compact Disc (CD) standard. Various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

• For player that cannot play images that contain a copy protection only

Images in DVD-VR mode with CPRM* protection may not be played if they contain a copy protection signal, "Copyright lock" appears on the screen.

* CPRM (Content Protection for Recordable Media) is a coding technology that protects the copyright of images.

- **Note on DualDiscs**

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Note on playback operations of DVDs and VIDEO CDs

Some playback operations of DVDs and VIDEO CDs may be intentionally set by software producers. Since this player plays DVDs and VIDEO CDs according to the disc contents the software producers designed, some playback features may not be available. Also, refer to the operating instructions supplied with the DVDs or VIDEO CDs.

About MPEG-4 VISUAL (Except DVP-NS710H)

THIS PRODUCT IS LICENSED UNDER THE MPEG-4 VISUAL PATENT PORTFOLIO LICENSE FOR THE PERSONAL AND NON-COMMERCIAL USE OF A CONSUMER FOR DECODING VIDEO IN COMPLIANCE WITH THE MPEG-4 VISUAL STANDARD ("MPEG-4 VIDEO") THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NON-COMMERCIAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED BY MPEG LA TO PROVIDE MPEG-4 VIDEO. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION INCLUDING THAT RELATING TO PROMOTIONAL, INTERNAL AND COMMERCIAL USES AND LICENSING MAY BE OBTAINED FROM MPEG LA, LLC. SEE [HTTP://WWW.MPEGLA.COM](http://www.mpegla.com)

Specifications

System

Laser: Semiconductor laser

Outputs

(**Jack name:** Jack type/Output level/Load impedance)

LINE OUT (AUDIO):

Phono jack/2 Vrms/10 kilohms

DIGITAL OUT (COAXIAL):

Phono jack/0.5 Vp-p/75 ohms

HDMI OUT: HDMI

19 pin-Standard Connector

COMPONENT VIDEO OUT(Y, Pb, Pr):

Phono jack/Y: 1.0 Vp-p, Pb, Pr:

interlace*¹ = 0.648 Vp-p,

progressive or interlace*² = 0.7 Vp-p/75 ohms

*¹ BLACK LEVEL (COMPONENT OUT) is ON

*² BLACK LEVEL (COMPONENT OUT) is OFF

LINE OUT (VIDEO):

Phono jack/1.0 Vp-p/75 ohms

USB (DVP-NS728H only):

USB jack Type A, maximum current

500 mA (For connecting USB device)

General

Power requirements:

U.S. / Canadian models: 120 V AC, 60 Hz

Models for other areas: 110 – 240 V AC, 50/60 Hz

See page 3 for further information.

Power consumption:

DVP-NS710H and DVP-NS718H : 10 W

DVP-NS728H : 12 W

Dimensions (approx.):

430 × 43 × 206 mm (17 × 1¹¹/₁₆ × 8¹/₁₀ in.)

(width/height/depth) incl. projecting parts

Mass (approx.):

DVP-NS710H and DVP-NS718H:

1.5 kg (3³/₁₀ lb)

DVP-NS728H: 1.6 kg (3¹/₂ lb)

Operating temperature: 5 °C to 35 °C

(41 °F to 95 °F)

Operating humidity: 25 % to 80 %

Supplied accessories

- Audio/Video cord (phono plug × 3 ↔ phono plug × 3) (1)
 - Remote commander (remote) (1)
 - Size AA (R6) batteries (2)
- A plug adaptor is included with some models.

Specifications and design are subject to change without notice.

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Language Code List

For details, see pages 7, 32.

The language spellings conform to the ISO 639: 1988 (E/F) standard.

Code Language	Code Language	Code Language	Code Language
1027 Afar	1183 Irish	1347 Maori	1507 Samoan
1028 Abkhazian	1186 Scots Gaelic	1349 Macedonian	1508 Shona
1032 Afrikaans	1194 Galician	1350 Malayalam	1509 Somali
1039 Amharic	1196 Guarani	1352 Mongolian	1511 Albanian
1044 Arabic	1203 Gujarati	1353 Moldavian	1512 Serbian
1045 Assamese	1209 Hausa	1356 Marathi	1513 Siswati
1051 Aymara	1217 Hindi	1357 Malay	1514 Sesotho
1052 Azerbaijani	1226 Croatian	1358 Maltese	1515 Sundanese
1053 Bashkir	1229 Hungarian	1363 Burmese	1516 Swedish
1057 Byelorussian	1233 Armenian	1365 Nauru	1517 Swahili
1059 Bulgarian	1235 Interlingua	1369 Nepali	1521 Tamil
1060 Bihari	1239 Interlingue	1376 Dutch	1525 Telugu
1061 Bislama	1245 Inupiak	1379 Norwegian	1527 Tajik
1066 Bengali;	1248 Indonesian	1393 Occitan	1528 Thai
Bangla	1253 Icelandic	1403 (Afan)Oromo	1529 Tigrinya
1067 Tibetan	1254 Italian	1408 Oriya	1531 Turkmen
1070 Breton	1257 Hebrew	1417 Punjabi	1532 Tagalog
1079 Catalan	1261 Japanese	1428 Polish	1534 Setswana
1093 Corsican	1269 Yiddish	1435 Pashto;	1535 Tonga
1097 Czech	1283 Javanese	Pushto	1538 Turkish
1103 Welsh	1287 Georgian	1436 Portuguese	1539 Tsonga
1105 Danish	1297 Kazakh	1463 Quechua	1540 Tatar
1109 German	1298 Greenlandic	1481 Rhaeto-	1543 Twi
1130 Bhutani	1299 Cambodian	Romance	1557 Ukrainian
1142 Greek	1300 Kannada	1482 Kirundi	1564 Urdu
1144 English	1301 Korean	1483 Romanian	1572 Uzbek
1145 Esperanto	1305 Kashmiri	1489 Russian	1581 Vietnamese
1149 Spanish	1307 Kurdish	1491 Kinyarwanda	1587 Volapük
1150 Estonian	1311 Kirghiz	1495 Sanskrit	1613 Wolof
1151 Basque	1313 Latin	1498 Sindhi	1632 Xhosa
1157 Persian	1326 Lingala	1501 Sangho	1665 Yoruba
1165 Finnish	1327 Laothian	1502 Serbo-	1684 Chinese
1166 Fiji	1332 Lithuanian	Croatian	1697 Zulu
1171 Faroese	1334 Latvian;	1503 Singhalese	
1174 French	Lettish	1505 Slovak	
1181 Frisian	1345 Malagasy	1506 Slovenian	1703 Not specified

Parental Control Area Code List

For details, see page 28.

Code Area	Code Area	Code Area	Code Area
2044 Argentina	2165 Finland	2362 Mexico	2149 Spain
2047 Australia	2174 France	2376 Netherlands	2499 Sweden
2046 Austria	2109 Germany	2390 New Zealand	2086 Switzerland
2057 Belgium	2248 India	2379 Norway	2528 Thailand
2070 Brazil	2238 Indonesia	2427 Pakistan	2184 United Kingdom
2079 Canada	2254 Italy	2424 Philippines	
2090 Chile	2276 Japan	2436 Portugal	
2092 China	2304 Korea	2489 Russia	
2115 Denmark	2363 Malaysia	2501 Singapore	

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ES

Conexiones y ajustes

Al desembalar la unidad, compruebe los accesorios suministrados que se detallan en la versión en inglés de las instrucciones de uso.

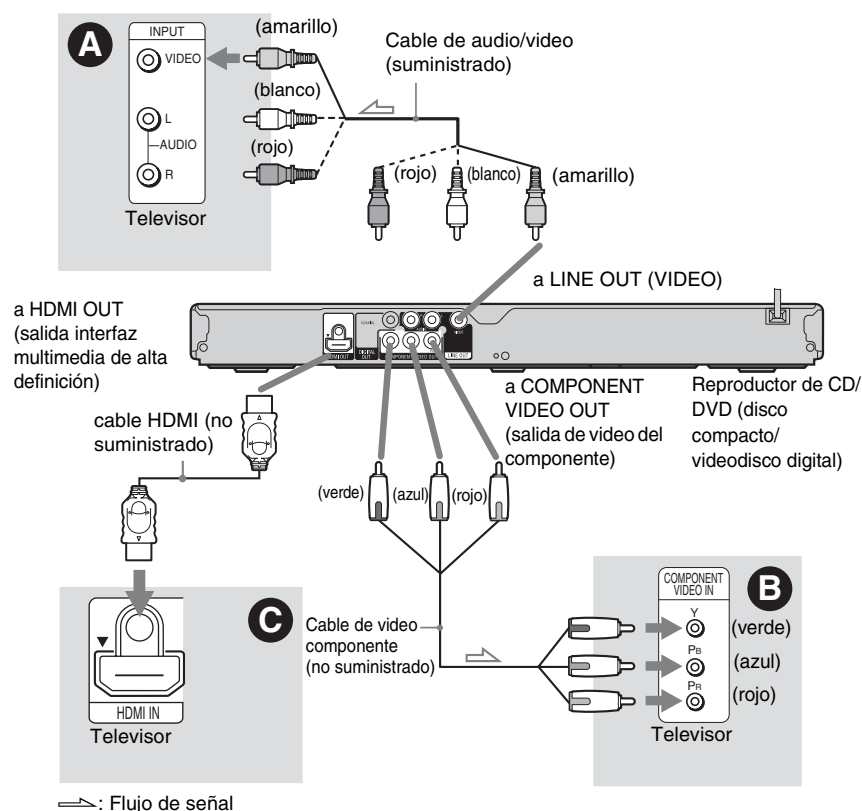


- Enchufe los cables firmemente para evitar ruidos no deseados.
- Consulte las instrucciones de uso suministradas con los componentes que desea conectar.
- Asegúrese de desconectar el cable de alimentación de cada componente antes de realizar las conexiones.

Paso 1: Conexión del televisor

Conecte este reproductor al televisor mediante un cable de video. Seleccione uno de los patrones **A** a **C** según la toma de entrada del televisor.

Para ver imágenes de señales progresivas (480p) con un televisor compatible, debe usar el patrón **B**. Seleccione el patrón **C** para conectar a un televisor equipado con entrada HDMI.



A Toma de entrada de video

Disfrutará de imágenes de calidad estándar.

B Tomas de entrada de video componente (Y, P_B, P_R)

Este tipo de conexiones proporciona imágenes de alta calidad con una reproducción fiel de los colores.

C Toma de entrada HDMI/DVI

Utilice un cable HDMI certificado por Sony para disfrutar de imagen y sonido digital de alta calidad mediante la toma HDMI OUT.

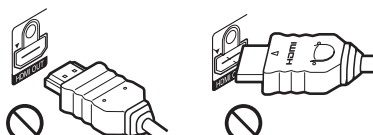
Cuando realice una conexión a un televisor Sony compatible con la función CONTROL PARA HDMI, consulte la versión en inglés de las instrucciones de uso.

Cuando conecte a la toma HDMI OUT

Siga los pasos que se detallan a continuación. El manejo inapropiado puede ocasionar daños en la toma HDMI OUT y el conector.

1 Alinee con cuidado la toma HDMI OUT ubicada en la parte posterior del reproductor y el conector HDMI; compruebe que coincidan en forma.

Asegúrese de que el conector no se encuentre inclinado ni en posición invertida.

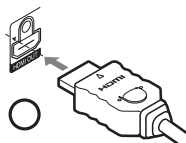


Conector en posición invertida

Conector inclinado

2 Inserte el conector HDMI directamente en la toma HDMI OUT.

No doble el conector HDMI ni aplique fuerza sobre él.



Para conectar a un televisor con entrada DVI (interfaz visual digital)

Utilice un cable de conversión HDMI-DVI (no suministrado). La toma DVI no acepta señales de audio, por lo tanto, deberá contar

con una conexión de audio adicional a esta conexión (página 4). Además, no es posible conectar la toma HDMI OUT a tomas DVI que no sean compatibles con HDCP (por ejemplo, tomas DVI de pantallas de PC).

Si lo conecta a un televisor de pantalla panorámica

Es probable que las imágenes no se ajusten a la pantalla del televisor. Para cambiar la relación de aspecto, consulte la versión en inglés de las instrucciones de uso.



- No conecte una videograbadora, etc., entre el televisor y el reproductor. Si filtra las señales del reproductor por medio de la videograbadora, es posible que no reciba una imagen clara en la pantalla del televisor. Si el televisor cuenta con una sola toma de entrada de audio/video, conecte el reproductor a dicha toma.
- Si la imagen se ve muy blanca al usar la conexión **A**, configure en "OFF" el "BLACK LEVEL" desde la opción "SCREEN SETUP" (Para obtener información detallada, consulte la versión en inglés del Manual de instrucciones).
- Desconecte el cable HDMI para trasladar el reproductor.
- Si ubica al reproductor en el gabinete con el cable HDMI conectado, no aplique mucha presión a la pared del gabinete. Podría dañar la toma HDMI OUT o el cable HDMI.
- Al conectar o desconectar, no apriete con fuerza ni gire el conector HDMI.

Acerca de las funciones del CONTROL PARA HDMI para 'BRAVIA Sync' (para conexiones HDMI solamente)

Al conectar componentes Sony compatibles con la función CONTROL PARA HDMI por medio de un cable HDMI (no suministrado), puede disfrutar de las siguientes funciones:

- Reproducción con sólo presionar un botón (página 9)
- Apagado del sistema

Al apagar el televisor con el botón del control remoto, los componentes compatibles con la función CONTROL PARA HDMI se apagan de manera automática.

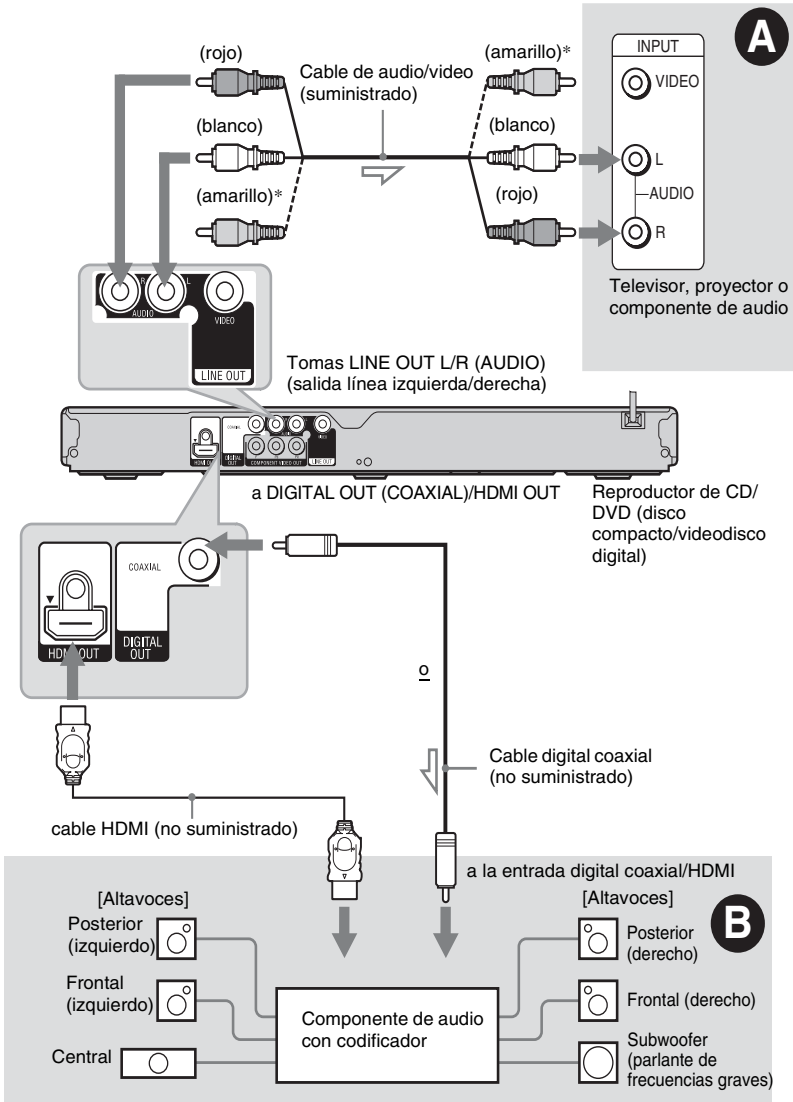


La función CONTROL PARA HDMI estará disponible o no según el componente conectado. Consulte las instrucciones de uso suministradas con el componente.

Paso 2: Conexión al componente de audio

Seleccione uno de los siguientes patrones **A** o **B**, de acuerdo con la toma de entrada del monitor del televisor, del proyector o de un componente de audio como un amplificador de audio y video (receptor).

Esto le permitirá escuchar sonido.



Flujo de señal

* El adaptador amarillo se utiliza para señales de video (página 2).



Para obtener información acerca de la distribución correcta de los altavoces, consulte el manual de instrucciones suministrado con los componentes conectados.

A Tomas de entrada de audio (I/D)

Esta conexión utilizará los dos altavoces del televisor o de los componentes de audio para el sonido.

B Toma de entrada de audio digital

Si el componente de audio dispone de decodificador Dolby*¹ Digital o DTS (sistema digital de sala de cine)*² y una toma de entrada digital, utilice esta conexión.

Podrá disfrutar de los efectos de sonido envolvente de Dolby Digital (5.1ch) y DTS (sistema digital de sala de cine) (5.1ch).

Si conecta un componente de audio Sony compatible con la función CONTROL PARA HDMI, consulte las instrucciones de uso suministradas con el componente.

*¹ Fabricado bajo licencia de Dolby Laboratories. Dolby, Pro Logic y el símbolo de la doble D son marcas comerciales de Dolby Laboratories.


*² Fabricado bajo licencia según Patente de los EE.UU. N°: 5.451.942 y otras patentes emitidas y pendientes en los EE.UU. y el resto del mundo. DTS y DTS Digital Out son marcas registradas, y los logos y símbolo de DTS son marcas comerciales de DTS, Inc. © 1996-2008 DTS, Inc. Reservados todos los derechos.

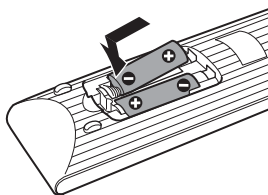
- ⚡
- Tras completar la conexión, realice los ajustes apropiados en Ajuste rápido (página 7). De lo contrario, los altavoces no emitirán el sonido o emitirán un ruido estridente.
- Los efectos TVS (sonido envolvente virtual de televisor) de este reproductor no son compatibles con esta conexión.
- Cuando conecta el reproductor a un componente de audio con un cable HDMI, es necesario realizar uno de los siguientes pasos:
 - Conectar el componente de audio al televisor con un cable HDMI.
 - Conectar el reproductor al televisor con un cable de video que no sea HDMI (cable de video componente o cable de audio/video).
- Para conexiones a la toma HDMI OUT, alinee con cuidado el conector HDMI con la toma. No doble el cable HDMI ni aplique fuerza sobre él.

Paso 3: Conexión del cable de alimentación

Conecte los cables de alimentación del reproductor y del televisor a una salida CA.

Paso 4: Preparación del control remoto

Inserte dos pilas AA (R6) de manera tal que los extremos ⊕ y ⊖ coincidan con las marcas del interior del compartimiento. Al utilizar el control remoto, oriéntelo hacia el sensor remoto  del reproductor.



- ⚡
- No deje el control remoto en ambientes con temperatura o húmedas excesivas.
- No permita que caigan objetos extraños sobre el control remoto, especialmente cuando sustituya las pilas.
- No exponga el sensor del control remoto a la luz directa del sol ni a dispositivos de iluminación. De lo contrario, pueden producirse fallas en el funcionamiento.
- Cuando no vaya a usar el control remoto durante un tiempo prolongado, extraiga las pilas para evitar posibles daños por fugas y corrosión.

Control del televisor con el control remoto

Puede controlar el nivel del sonido, la fuente de entrada y el interruptor de alimentación del televisor Sony con el control remoto suministrado.

Botones disponibles

Según la unidad que conecte, podrá controlar el televisor mediante algunos o todos los botones del control remoto suministrado.

Botones	Operaciones
TV (televisor) I/⏻	Encienda o apague el televisor
VOL (volumen) +/-	Ajuste del volumen del televisor
TV INPUT (selección de entrada)	Alterne la fuente de entrada del televisor entre el televisor y otras fuentes de entrada

Para controlar otros televisores con el control remoto

También puede controlar el volumen, la fuente de entrada y el interruptor de alimentación de un televisor de otro proveedor con el control remoto suministrado.

Si el televisor figura en la tabla que aparece a continuación, establezca el código del fabricante correspondiente.



Al sustituir las pilas del control remoto, es probable que el código recupere el valor de fábrica. Vuelva a establecer el número de código apropiado.

1 Mientras mantiene presionado TV (televisor) I/⏻, presione los botones numéricos para seleccionar el código del fabricante del televisor.

2 Suelte el botón TV (televisor) I/⏻.

Códigos de televisores controlables

Fabricante	Número de código
Sony	01 (predeterminado)
Hitachi	02
LG/Goldstar/NEC	04
MGA/Mitsubishi	13
Panasonic	19
Philips	21
Pioneer	16
RCA	10
Samsung	20
Sharp	18
Toshiba	07

Paso 5: Ajuste rápido

Siga los pasos que se detallan a continuación para realizar los ajustes básicos mínimos para el uso del reproductor.

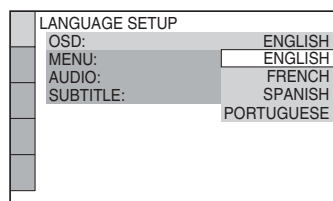
Para omitir un ajuste, presione ►►. Para volver al ajuste anterior, presione ◀◀.

- 1** Encienda el televisor y, a continuación, presione I/⏻.
- 2** Cambie el selector de entrada del televisor para que la señal del reproductor aparezca en la pantalla del televisor.

En la parte inferior de la pantalla, aparecerá "Press [ENTER] to run QUICK SETUP". Si este mensaje no aparece, seleccione "QUICK" en "SETUP" del menú de control para ejecutar el ajuste rápido (Para obtener información detallada, consulte la versión en inglés del Manual de instrucciones).

- 3** Presione ENTER (ingresar) sin insertar ningún disco.

Aparece la pantalla de ajustes de idioma.

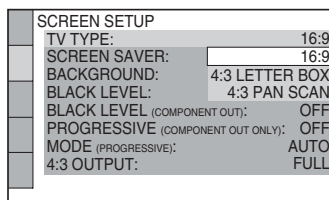


- 4** Presione ↑/↓ para seleccionar un idioma.

El reproductor muestra el menú y los subtítulos en el idioma seleccionado.

- 5** Presione ENTER (ingresar).

Aparece la pantalla de ajustes de pantalla.



- 6** Presione ↑/↓ para seleccionar el ajuste apropiado para el tipo de televisor.

◆ Si tiene un televisor con pantalla panorámica o un televisor 4:3 estándar con el modo de pantalla panorámica

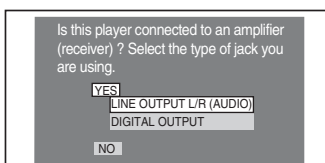
- 16:9 (Para obtener información detallada, consulte la versión en inglés del Manual de instrucciones)

◆ Si tiene un televisor 4:3 estándar

- 4:3 LETTER BOX (tipo buzón) o 4:3 PAN SCAN (exploración PAN) (Para obtener información detallada, consulte la versión en inglés del Manual de instrucciones)

- 7** Presione ENTER (ingresar).

Aparece la pantalla de ajustes que le permitirá seleccionar el tipo de toma utilizada para conectar su componente de audio.



- 8** Presione ↑/↓ para seleccionar (si existe) el tipo de toma que utilice para conectar a un componente de audio y, a continuación, presione ENTER (ingresar).

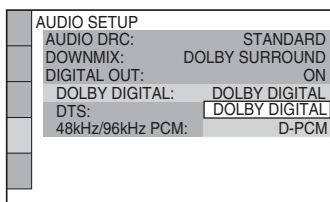
Seleccione "NO" si no conecta un componente de audio y, a continuación, vaya al paso 12.

Seleccione "YES: LINE OUTPUT L/R (AUDIO)", si conectó el componente de audio con un cable de audio y, a continuación, vaya al paso 12.

Seleccione “YES: DIGITAL OUTPUT”, si conectó un componente de audio mediante un cable digital coaxial/HDMI.

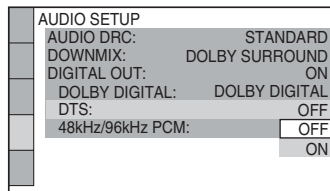
9 Presione \uparrow/\downarrow para seleccionar el tipo de señal Dolby Digital que desee enviar al componente de audio.

Si el componente de audio posee un decodificador Dolby Digital, seleccione “DOLBY DIGITAL”. De lo contrario, seleccione “D-PCM”.



10 Presione ENTER (ingresar).

Se selecciona “DTS” (sistema digital de sala de cine).



11 Presione \uparrow/\downarrow para seleccionar si desea o no enviar una señal DTS (sistema digital de sala de cine) al componente de audio.

Si el componente de audio dispone de decodificador DTS, seleccione “ON”. De lo contrario, seleccione “OFF”.

12 Presione ENTER (ingresar).

El ajuste rápido ha finalizado y las conexiones se han completado.

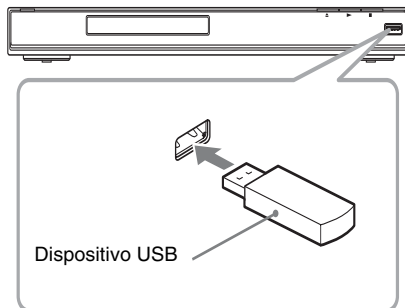


Cuando se activa el modo “PhotoTV HD” (Para obtener información detallada, consulte la versión en inglés del Manual de instrucciones), se omite la selección “TV TYPE”.

Conexión de un dispositivo USB (DVP-NS728H solamente)

Puede conectar un dispositivo USB a la toma USB del reproductor para reproducir archivos de música, imágenes o video. Para obtener una lista de los dispositivos USB que se pueden conectar al reproductor, consulte “Playable USB Devices” (suplemento). Para obtener detalles sobre archivos reproducibles, consulte la versión en inglés de las instrucciones de uso.

Consulte las instrucciones de uso suministradas con el dispositivo USB antes de conectarlo al reproductor.



Para reproducir archivos de datos, consulte la versión en inglés de las instrucciones de uso.

Para extraer el dispositivo USB

Detenga la reproducción y desconecte el dispositivo USB de la toma correspondiente.



- Asegúrese de realizar una copia de seguridad de los archivos importantes que se encuentran en el dispositivo USB antes de conectarlo al reproductor.
- No conecte a la fuerza el dispositivo USB y asegúrese de que el adaptador esté correctamente conectado.
- No conecte el reproductor ni el dispositivo USB mediante un concentrador USB.
- Antes de utilizar el dispositivo USB, asegúrese de que no haya archivos infectados con virus.
- Este reproductor admite la clase de almacenamiento masivo USB solamente.
- Este reproductor admite dispositivos USB sólo con formatos FAT12, FAT16 o FAT32.
- Es probable que algunos dispositivos USB no funcionen en este reproductor.

Reproducción

Reproducción de discos

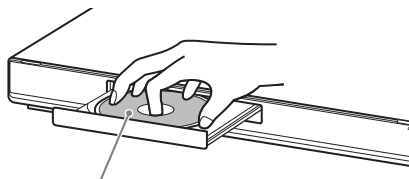
DVD Video *1 DVD VR *2 VCD *3 CD *4

DATA *5

- *1 DVD video (video de videodisco digital).
- *2 DVD-VR (videodisco digital sin función de grabación de video).
- *3 VCD (videodisco compacto).
- *4 CD (disco compacto).
- *5 DATA (disco de datos).

1 Cambie el selector de entrada del televisor para que la señal del reproductor aparezca en la pantalla del televisor.

2 Pulse ▲ en el reproductor y coloque un disco en la bandeja.



Con la cara de reproducción hacia abajo

3 Presione ►.

Se cierra la bandeja del disco. El reproductor inicia la reproducción (continúa). Ajuste el volumen en el televisor o en el componente de audio. Según disco, es posible que aparezca un menú en la pantalla del televisor. Para obtener información detallada, consulte la versión en inglés del Manual de instrucciones.

Si hay un disco dentro del reproductor

Presione ►.

Para detener la reproducción

Presione ■.

Para pausar la reproducción

Presione ■■.

Reproducción con sólo presionar un botón (únicamente para conexiones HDMI)

Con sólo presionar una vez el botón ► del control remoto, se encienden automáticamente el reproductor y el televisor, y se alterna la entrada del televisor para recibir la señal del reproductor. La reproducción comienza de manera automática.

La entrada del televisor también se alternará al reproductor de manera automática en los siguientes casos:

- Si presiona los botones ►, TOP MENU (menú superior), MENU (menú) o DISPLAY (indicación) del control remoto. Estos botones no funcionan al reproducir un CD de audio o archivos de música en el modo “MUSIC”.
- Si se carga un disco con la función de reproducción automática.
- Si presiona la bandeja del disco para cerrarla.



Es posible configurar el reproductor para que se apague de manera automática siempre que permanezca en modo de detención durante más de 30 minutos. Para activar o desactivar esta función, ajuste “AUTO POWER OFF” en “CUSTOM SETUP” en “ON” o “OFF” (Para obtener información detallada, consulte la versión en inglés del Manual de instrucciones).



- Algunas operaciones pueden ser distintas o estar limitadas en función del DVD (videodisco digital) o VIDEO CD (videodisco compacto). Consulte las instrucciones de uso suministradas con el disco.
- Los discos creados con grabadoras de DVD (videodisco digital) deberán estar finalizados correctamente para poder reproducirse. Para obtener más información acerca de la finalización, consulte el manual de instrucciones suministrado con la grabadora de DVD (videodisco digital).

Notas sobre la reproducción de pistas con sonido DTS (sistema digital de sala de cine) de un DVD VIDEO (video de videodisco digital)

Las señales de audio de DTS (sistema digital de sala de cine) se emiten únicamente por medio de las tomas DIGITAL OUT (COAXIAL)/HDMI OUT (salida interfaz multimedia de alta definición).

Reanudación de la reproducción a partir del punto en el que se detuvo el disco (Reanudación multidisco)

DVD^{#1} **VCD**^{#2}

Si vuelve a presionar ► después de detener la reproducción, el reproductor iniciará la reproducción a partir del punto en el que la detuvo al presionar ■.

*1 DVD video (video de videodisco digital).

*2 VCD (videodisco compacto).



- Para reproducir el disco desde el principio, presione ■ dos veces y, a continuación, presione ►.
- Con discos DVD VIDEO (video de videodisco digital) y VIDEO CD (videodisco compacto), el reproductor memoriza el punto en el que se detuvo el disco hasta un máximo de 6 discos y reanuda la reproducción la próxima vez que inserte el mismo disco. Si memoriza un punto de reanudación de reproducción para el disco número 7, el punto de reanudación de reproducción del primer disco se borrará.



- Para que esta opción funcione, se debe ajustar "MULTI-DISC RESUME" de "CUSTOM SETUP" en "ON" (predeterminado) (Para obtener información detallada, consulte la versión en inglés del Manual de instrucciones).
- La reanudación de reproducción no funciona durante la reproducción aleatoria ni durante la reproducción de programa.
- Es posible que en algunos discos la función de reanudación de la reproducción no funcione, dependiendo del punto en el que la haya detenido, o si presiona I/O.

Reproducción de VIDEO CD (videodiscos compactos) con funciones PBC (control de reproducción) **VCD**^{*1}

La reproducción PBC (Playback Control (Control de reproducción)) permite reproducir discos VIDEO CD (videodisco compacto) en forma interactiva si sigue las instrucciones del menú que aparece en la pantalla del televisor.

Al reproducir un VIDEO CD (videodisco compacto) con funciones PBC (control de reproducción), aparecerá el menú en la pantalla.

Seleccione un elemento con los botones numéricos y presione ENTER (ingresar). A continuación, siga las instrucciones del menú (presione ► cuando aparezca "Press SELECT" (presione seleccionar)).

*1 VCD (videodisco compacto).

Para volver al menú

Presione ⏪ RETURN (volver).



Para reproducir sin la opción PBC (control de reproducción), presione ◀◀/▶▶ o los botones numéricos mientras el reproductor está detenido para seleccionar una pista y, a continuación, presione ► o ENTER (ingresar).

En la pantalla del televisor aparece "Play without PBC" y el reproductor inicia la reproducción continua. No puede reproducir imágenes fijas, como un menú.

Para regresar a la reproducción con PBC (control de reproducción), presione ■ dos veces y, a continuación, presione ►.

Printed on 70% or more recycled paper using VOC (Volatile Organic Compound)-free vegetable oil based ink.



* 1 - 4 1 3 0 2 5 8 1 2 . *

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