

Panasonic®

Basic Owner's Manual Blu-ray Disc™ Player

Model No. DMP-BD90
DMP-BD84



Thank you for purchasing this product.
Please read these instructions carefully before using this product, and save this manual for future use.

If you have any questions, visit : <http://shop.panasonic.com/support>

Register online at <http://shop.panasonic.com/support> (U.S. customers only)

P

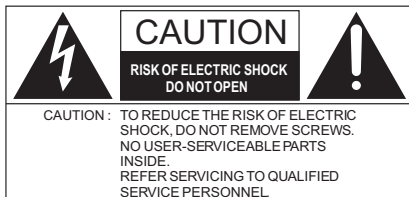
TQBS0469-2

Confidential until
2022/01/**

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

- 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.



The lightning flash with arrowhead symbol, within an equilateral triangle, 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.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

FCC Note:

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.

FCC Caution: To assure continued compliance, follow the attached installation instructions and use only shielded interface cables when connecting to peripheral devices.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Supplier's Declaration of Conformity

Trade Name: Panasonic

Model No.: DMP-BD90

DMP-BD84

Responsible Party: Panasonic Corporation of North America
Two Riverfront Plaza, Newark,
NJ 07102-5490

Support Contact: <http://shop.panasonic.com/support>

Conforms to UL STD 62368-1.

Precautions

WARNING

Unit

- To reduce the risk of fire, electric shock or product damage,
- Do not expose this unit to rain, moisture, dripping or splashing.
 - Do not place objects filled with liquids, such as vases, on this unit.
 - Use the recommended accessories.
 - Do not remove covers.
 - Do not repair this unit by yourself. Refer servicing to qualified service personnel.

AC adaptor

- The power plug is the disconnecting device. Install this unit so that the power plug can be unplugged from the socket outlet immediately.

Small object

- Keep the batteries out of reach of children to prevent swallowing.

CAUTION

Unit

- This unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Do not place sources of naked flames, such as lighted candles, on this unit.
- Some portions of this unit may become hot during use. When moving or cleaning this unit, disconnect the AC adaptor and wait for 3 minutes or longer.

Placement

- To reduce the risk of fire, electric shock or product damage,
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
 - Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
 - Do not place the unit on amplifiers/receivers or equipment that may become hot. The heat can damage the unit.

Batteries

- Mishandling of batteries can cause electrolyte leakage and may cause a fire.
- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
 - When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
 - Do not mix old and new batteries or different types at the same time.
 - Do not heat or expose to flame.
 - Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
 - Do not take apart or short circuit.
 - Do not recharge alkaline or manganese batteries.
 - Do not use batteries if the covering has been peeled off.

Remove batteries if you do not intend to use the remote control for a long period of time. Store in a cool, dark place.

Avoid the use in the following conditions

- High or low extreme temperatures during use, storage or transportation.
- Replacement of a battery with an incorrect type.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Extremely high temperature and/or extremely low air pressure that can result in an explosion or the leakage of flammable liquid or gas.

AC adaptor

This AC adaptor operates on AC between 110 V and 240 V. But

- In the U.S.A. and Canada, the AC adaptor must be connected to a 120 V AC power supply only.
- When connecting to an AC supply outside of the U.S.A. or Canada, use a plug adaptor to suit the AC outlet configuration.

To dispose or transfer this unit

The unit may keep the user settings information in the unit. If you discard this unit either by disposal or transfer, then follow the procedure to return all the settings to the factory presets to delete the user settings.

- ① Turn the unit on.
 - ② Press and hold [▲] on the main unit and the [0] on the remote control at the same time for more than 5 seconds.
 - POWER LED starts to flash, and "00 RET" is displayed on the screen.
 - ③ Press [▶] (right) repeatedly on the remote control until "08 FIN" is displayed on the screen.
 - ④ Press and hold [OK] for more than 5 seconds.
- The operation history may be recorded in the memory of this unit.

CAUTION	- VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21CFRCLASS 2 (1.6)
CAUTION	- CLASS 2 VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO THE BEAM. IEC60825-1:CLASS 2
ATTENTION	- RAYONNEMENT LASER VISIBLE ET INVISIBLE, CLASSE 2. EN CAS D'OUVERTURE, NE PAS REGARDER DANS LE FAISCEAU.
FORSIGTIG	- SYNLIG OG USYNLIG LASERSTRÅLING KLASSE 2. NÅR LÅGET ER ÅBENT, UNDGÅ AT SE LIGE IND I STRÅLEN.
VARO	- AVATTARESSA OLET ALTIIMIA LUOKAN 2 NÄKYVÄÄ JA NÄKYMÄTÖNTÄ LASERSÄTEILYÄ, ÄLÄ TUJOTA SÄTEESEEN.
VARNING	- KLASS 2 SYNLIG OCH OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN.
VORSICHT	- SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG KLASSE 2. WENN ABDECKUNG GEÖFFNET, NICHT IN DEN STRAHL BLICKEN.
注意	- 开盖时有可见及不可见激光辐射。避免光束照射。
注意	- ここを開くとガラスの可視及び不可視レーザー放射が出るビームをのぞきまさないこと。 VQL2P54

(Inside of product)

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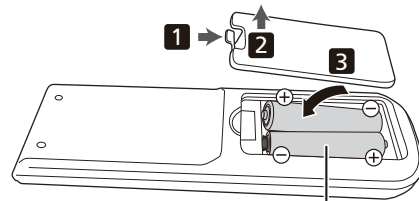
Accessories

Check the supplied accessories before using this unit.

- 1 Remote control
(N2QAYA000217)
- 2 Batteries for remote control
 - 1 AC adaptor (TXH0018AB or TXH0025AA)

- Product numbers are provided in these Owner's Manual correct as of December 2022. These may be subject to change.
- Do not use AC adaptor with other equipment.
- Do not use any other AC adaptors except the supplied one.

Using the remote control



R03/LR03, AAA

(Alkaline or manganese batteries)

- Insert the batteries to the terminal so that it (+ and -) matches those in the remote control.

A more detailed owner's manual is available in "Owner's Manual (PDF format)". To read it, download it from the website.
<https://panasonic.jp/support/global/cs/bd/oi/index.html>

You will need Adobe Reader to browse or print the Owner's Manual (PDF format). You can download and install a version of Adobe Reader that you can use with your OS from the following website. (As of December 2022)
<http://www.adobe.com/products/acrobat/readstep2.html>

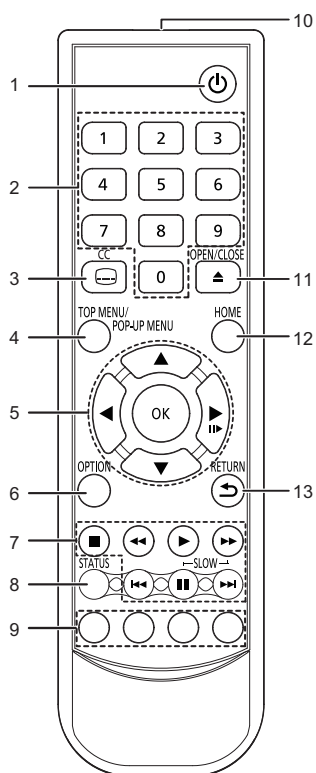


Firmware updates

Panasonic is constantly improving the unit's firmware to ensure that our customers are enjoying the latest technology. Panasonic recommends updating your firmware as soon as you are notified. For details, refer to "Firmware updates" (⇒ Back cover).

Control reference guide

■ Remote control

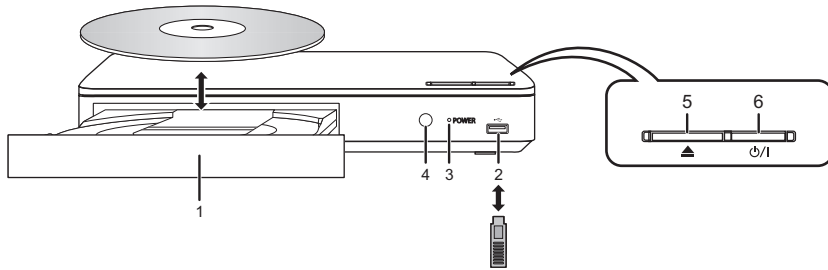


- 1 Turn the unit on and off
- 2 Select title numbers, etc./Enter numbers
- 3 Show Closed Caption setup screen
- 4 Show Top menu/Pop-up menu
- 5 [▲, ▼, ◀, ▶]: Move the highlight for selection
[OK]: Confirm the selection
(▶▶▶): Frame-by-frame
- 6 Show Option menu
- 7 Basic playback control buttons
- 8 Show the status messages
- 9 Colored buttons (red, green, yellow, blue)
Used for various purposes depending on the screen
- 10 Transmit the remote control signal
- 11 Open or close the disc tray
- 12 Show HOME menu
- 13 Return to previous screen



- When other Panasonic devices respond to this remote control, change the remote control code of other Panasonic devices to other than code 1.

■ Front



- | | |
|---|--|
| <p>1 Disc tray</p> <p>2 USB port (DC 5 V 500 mA)
This port supports USB 2.0 High Speed.</p> <p>3 POWER LED
The LED lights when the unit is turned on, and flashes when error occurs.</p> <p>4 Remote control signal sensor
Distance: Within approx. 7 m (23 feet)
Angle: Approx. 20° up and down, 30° left and right</p> | <p>5 Open or close the disc tray</p> <p>6 Standby/on switch (⏻/⏻)
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit still consumes a small amount of power.</p> |
|---|--|

CAUTION

Do not place objects in front of the unit. The disc tray may collide with objects when it is opened, and this may cause malfunction.

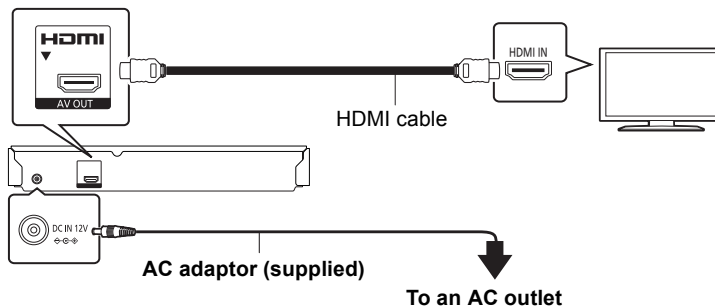
- When inserting a media item, ensure that it is facing the correct way, which is the right side facing up.
- If you connect a Panasonic product with a USB connection cable, the setup screen may be displayed on the connected equipment. For details, refer to the instructions for the connected equipment.

The symbols on this product (including the accessories) represent the following.

~	AC
==	DC
□	Class II equipment (The construction of the product is double-insulated.)

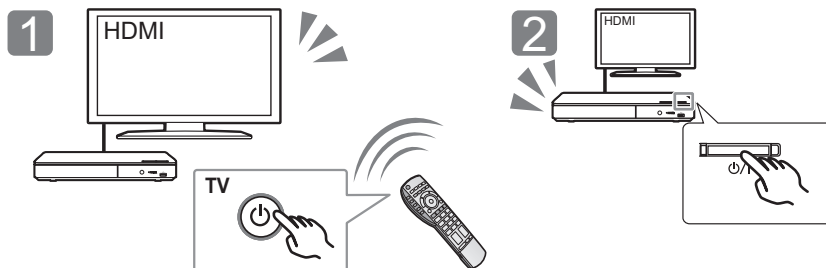
Quick Start Guide

STEP 1 : Connecting to a TV



- Use the High Speed HDMI cables. Non-HDMI-compliant cables cannot be utilized. It is recommended that you use Panasonic's HDMI cable. When outputting 1080p, please use HDMI cables 5.0 meters (16.4 ft.) or less.
- This unit consumes a small amount of AC power (⇒ 8) even when turned off in standby mode. For the purpose of energy conservation, the unit should be disconnected if you will not be using it for extended period of time.

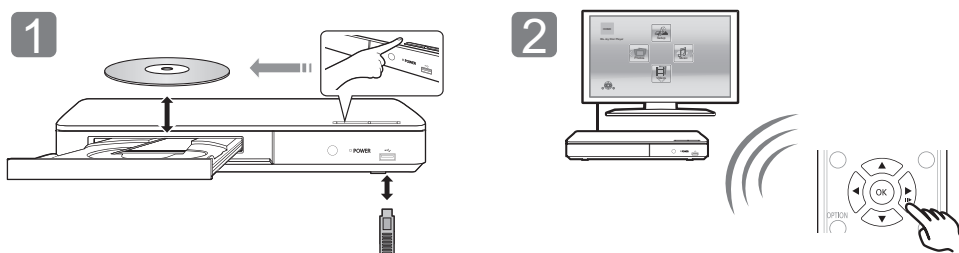
STEP 2 : Settings



Turn on the TV and select the appropriate video input.

Press [P/I].
Follow the on-screen instructions to continue with the settings.

STEP 3 : Playback



Insert the media.

Press [▲, ▼, ◀, ▶] to select the item, and press [OK] to play.

- If there are any other items, repeat this step.

Operating during playback

The following functions may not work depending on the media and contents.

Stop	Press [■].	The stopping point is memorized. Resume play function Press [▶] to restart from this point. • The point is cleared if the media is removed.
Pause	Press [⏸].	Press [⏸] again or [▶] to restart play.
Search	While playing, press [◀◀] or [▶▶].	The speed increases up to 5 steps. • Press [▶] to revert to normal playback speed.
Slow-motion	While paused, press [▶▶].	
Skip	While playing or paused, press [◀◀] or [▶▶].	Skip to the title, chapter or track.

Playable media

BD-Video : Video

BD-RE : Video, JPEG, AAC, ALAC, DSD, FLAC, MP3, WAV, WMA

BD-R : Video, MKV, AAC, ALAC, DSD, FLAC, MP3, WAV, WMA

DVD-Video : Video

DVD-R/DVD-R DL : Video, AVCHD, MKV, JPEG, AAC, ALAC, DSD, FLAC, MP3, WAV, WMA

DVD-RW/+R/+RW/+R DL : Video, AVCHD

Music CD : Music [CD-DA]

CD-R/CD-RW : MKV, JPEG, AAC, ALAC, FLAC, MP3, Music [CD-DA], WAV, WMA

USB devices (up to 4 TB) : MKV, MP4, MPEG2, JPEG, AAC, ALAC, DSD, FLAC, MP3, WAV, WMA

Note : 4K Video content is not supported.

Region management information

The unit can play back BD-Video/DVD-Video discs of the following regions codes, including "ALL":

Example: BD-Video DVD-Video



- The unit cannot playback discs in PAL format.

Specifications

Power supply	DC 12 V, 0.8 A (DC IN terminal)
Power consumption	Approx. 11 W
Power consumption in standby mode	Approx. 0.5 W (Quick Start: Off)
Power consumption in quick start standby mode	Approx. 3.5 W (Quick Start: On)

Dimensions (W×H×D)	245 mm×38.5 mm×175 mm (Approx. 9 10/16"×1 8/16"×6 14/16")
Mass (Weight)	Approx. 0.8 kg (1.7 lbs)

- Specifications are subject to change without notice.

Licenses

This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. For details, refer to the Owner's Manual (PDF format).

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<AVC>

This product is licensed under the AVC Patent Portfolio License for the personal use of a consumer or other uses in which it does not receive remuneration to (i) encode video in compliance with the AVC Standard ("AVC Video") and/or (ii) decode AVC Video that was encoded by a consumer engaged in a personal activity and/or was obtained from a video provider licensed to provide AVC Video. No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, L.L.C. See <http://www.mpegla.com>

<VC-1>

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

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

"DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation.

Windows is a trademark or a registered trademark of Microsoft Corporation in the United States and other countries.

Adobe is a trademark or registered trademark of Adobe Systems Incorporated in the United States and/or other countries.

Android is a trademark of Google Inc.

This product incorporates the following software:

- (1) the software developed independently by or for Panasonic Entertainment & Communication Co., Ltd.,
- (2) the software owned by third party and licensed to Panasonic Entertainment & Communication Co., Ltd.,
- (3) the software licensed under the GNU General Public License, Version 2.0 (GPL V2.0),
- (4) the software licensed under the GNU LESSER General Public License, Version 2.1 (LGPL V2.1), and/or
- (5) open source software other than the software licensed under the GPL V2.0 and/or LGPL V2.1.

The software categorized as (3) - (5) are distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. Please refer to the detailed terms and conditions thereof shown in the Player Settings menu.

At least three (3) years from delivery of this product, Panasonic will give to any third party who contacts us at the contact information provided below, for a charge no more than our cost of physically performing source code distribution, a complete machine-readable copy of the corresponding source code covered under GPL V2.0, LGPL V2.1 or the other licenses with the obligation to do so, as well as the respective copyright notice thereof.

Contact Information: oss-cd-request@gg.jp.panasonic.com

The source code and the copyright notice are also available for free in our website below.
<http://panasonic.net/avc/oss/>

(1) MS/WMA

This product is protected by certain intellectual property rights of Microsoft Corporation and third parties. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary and third parties.

(2) FLAC

The software licenses are displayed when "License" in the Setup menu is selected.
* [HOME] → "Setup" → "Player Settings" → "System" → "System Information" → "Licenses"

Copyright 2004-2014 Verance Corporation. Cinavia™ is a Verance Corporation trademark. Protected by U.S. Patent 7,369,677 and worldwide patents issued and pending under license from Verance Corporation. All rights reserved.

Limited Warranty

Panasonic Products Limited Warranty

Limited Warranty Coverage (For USA Only)

If your product does not work properly because of a defect in materials or workmanship, Panasonic Corporation of North America (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by the warrantor.

Product or Part Name	Parts	Labor
Blu-ray Disc Player	1 Year	90 Days
All included Accessories (Except Non-Rechargeable Batteries)	90 Days	Not Applicable
Only Non-Rechargeable Batteries	10 Days	Not Applicable

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. This Limited Warranty excludes both parts and labor for non-rechargeable batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States. This warranty is extended only to the original purchaser of a new product which was not sold "as is".

Mail-In Service--Online Repair Request Online Repair Request

To submit a new repair request and for quick repair status visit our Web Site at <http://shop.panasonic.com/support>

When shipping the unit, carefully pack, include all supplied accessories listed in the Owner's Manual, and send it prepaid, adequately insured and packed well in a carton box. When shipping Lithium Ion batteries please visit our Web Site at <http://shop.panasonic.com/support> as Panasonic is committed to providing the most up to date information. Include a letter detailing the complaint, a return address and provide a daytime phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

Limited Warranty Limits and Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God. **THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.**

(As examples, this excludes damages for lost time, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content. The items listed are not exclusive, but for illustration only.)

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to:

Panasonic Corporation of North America
Consumer Affairs Department 8th Fl.
Two Riverfront Plaza
Newark NJ 07102-5490

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY. Product registration is not mandatory. Failure to complete the form does not affect the consumer's warranty rights.

Shop Accessories!

for all your Panasonic gear

Go to

<http://shop.panasonic.com/support>

Get everything you need to get the most out of your Panasonic products

Accessories & Parts for your Camera, Phone, A/V products, TV, Computers & Networking, Personal Care, Home Appliances, Headphones, Batteries, Backup Chargers & more...

Customer Services Directory

For Product Information, Operating Assistance, Parts, Owner's Manuals, Dealer and Service info go to <http://shop.panasonic.com/support>

For the hearing or speech impaired TTY: 1-877-833-8855

As of November 2021

The model number and serial number of this product can be found on either the back or the bottom of the unit. Please note them in the space provided below and keep for future reference.

MODEL NUMBER _____
SERIAL NUMBER _____

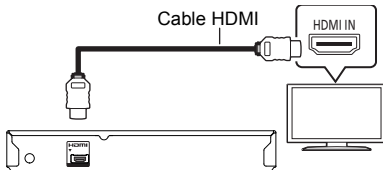
User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
TELEPHONE NUMBER _____

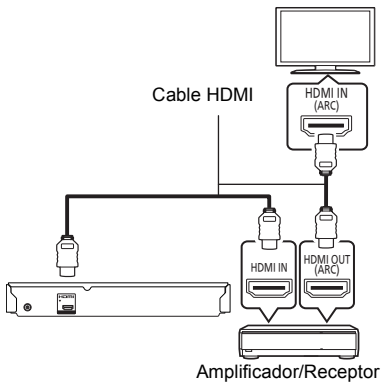
Referencia rápida en español (Spanish Quick Reference)

Conexiones básicas

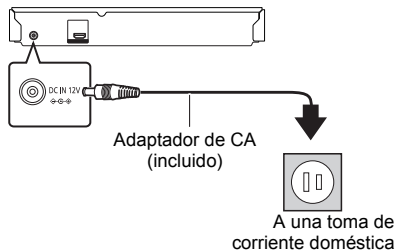
Conexión a un televisor compatible con HDMI



Conexión a un televisor compatible con HDMI y a un amplificador/receptor compatible con HDMI



Conecte el adaptador de CA por último



- Conéctelo cuando haya realizado el resto de conexiones.

Ahorro de energía

Esta unidad consume una pequeña cantidad de energía aunque esté ajustada en el modo de espera (Accionamiento rápido : Desactivado, aprox. 0,5 W). Para ahorrar energía cuando no vaya a utilizar la unidad durante mucho tiempo, desenchúfela de la toma de corriente.

Reproducción básica

Preparación

Encienda el televisor y seleccione la entrada de vídeo adecuada en el televisor.

1 Pulse [⏻] para encender la unidad.

Después de conectar su nuevo reproductor y pulsar el botón de encendido, aparecerá la pantalla de la configuración básica.

2 Inserte el medio.

Inicia la reproducción

Pulse [▶].

Parada

Pulse [■].

La posición de detención se memoriza

Función de reanudación de la reproducción

Pulse [▶] para reiniciar la reproducción desde esta posición.

- El punto se anula si se extrae el medio.
- En los discos BD-Video incluidos los BD-J, la función de reanudación de la reproducción no funciona.

Pausa

Pulse [⏸].

- Pulsar [⏸] otra vez o [▶] para reanudar la reproducción.

Búsqueda/Cámara lenta

Búsqueda

Durante la reproducción, pulse [◀◀] o [▶▶].

Cámara lenta

Durante la pausa, pulse [▶▶].

La velocidad aumenta hasta 5 pasos.

- Música y MP3, etc.: La velocidad está fija en un solo paso.
- Pulse [▶] para volver a la velocidad de reproducción normal.

Salto

Durante la reproducción o la pausa, pulse [◀◀] o [▶▶].

Salta hasta el título, capítulo o pista que desee reproducir.

Firmware updates

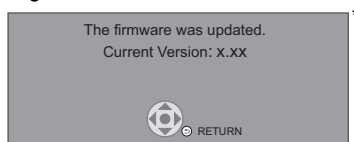
Occasionally, Panasonic may release updated firmware for this unit that may add or improve the way a feature operates. These updates are available free of charge.

You can download the latest firmware from the following website and store it to a USB device to update the firmware.

<http://panasonic.jp/support/global/cs/>
(This site is in English only.)

You cannot operate the unit until the update is complete. Don't remove the AC adaptor during the update. Removing the AC adaptor while the update is in progress may damage the unit. After the firmware is installed, unit will restart and the following screen will be displayed.

e.g.,

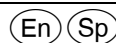


- **To show the firmware version on this unit:**
[HOME] ⇒ "Setup" ⇒ "Player Settings" ⇒ "System" ⇒ "System Information" ⇒ "Firmware Version Information"
 - **Downloading will require several minutes. It may take longer or may not work properly depending on the connection environment.**
- * "X.XX" represents the firmware version number.



USA Only: Disposal may be regulated in your community due to environmental considerations. For disposal or recycling information, please visit Panasonic website:
<https://holdings.panasonic/global/corporate/sustainability.html>
or call 1-888-769-0149.

Panasonic Corporation of North America



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