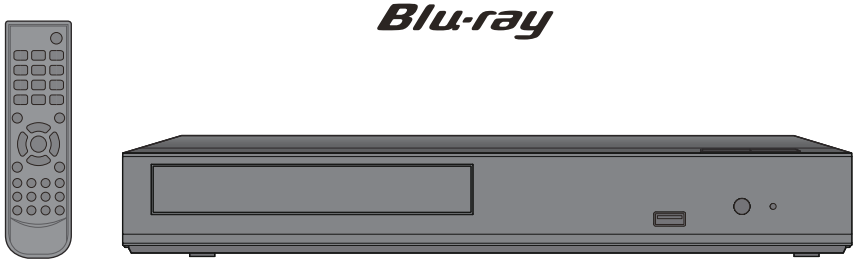
Panasonic

Basic Owner's Manual

Blu-ray Disc™ Player

Model No. **DP-UB150**



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)

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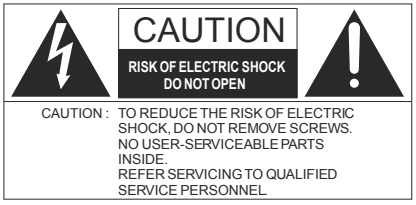
IMPORTANT SAFETY INSTRUCTIONS

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.: DP-UB150

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.

PRIVACY POLICY (excerpt)

Panasonic Corporation, a company having its registered office of 1006, Oaza Kadoma, Kadoma City, Osaka 571-8501, Japan, automatically collects personal data such as IP address and/or Device ID from your device as soon as you connect it to the Internet. We do this to protect our customers and the integrity of our Service as well as to protect the rights or property of Panasonic. You have a right of access, rectification and objection to in certain circumstances, a right of erasure, restriction of processing, data portability and a right to object to other forms of processing. If you wish to exercise any of the above rights and/or wish to know more about the processing of your personal data in this context, please refer to the full text of our privacy policy displayed at "Legal Notices" of your device.

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.



(Inside of product)

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Accessories

Check the supplied accessories before using this unit.

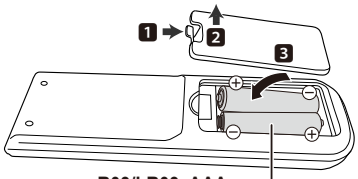
1 **Remote control**
(N2QAYA000217)
2 **Batteries for remote control**
1 **AC adaptor**
(TXH0009AA)

A more detailed operating instruction 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 January 2020)
http://www.adobe.com/products/acrobat/readstep2.html

- Product numbers are provided in this Owner's Manual correct as of January 2020.
  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.

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).

To dispose or transfer this unit

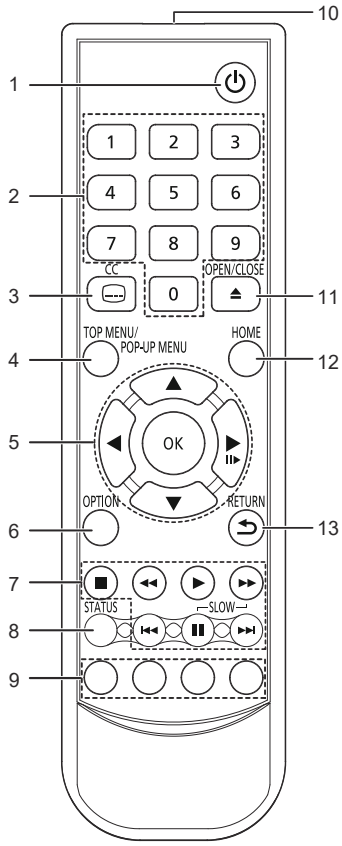
The unit may keep the user settings information in the unit. If you discard this unit either by disposal or transfer, then follow the procedure to return all the settings to the factory presets to delete the user settings.

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.

Control reference guide

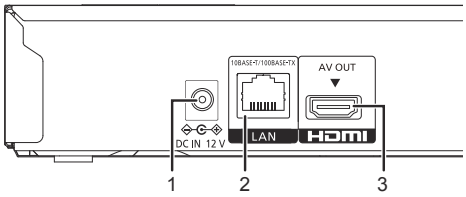
■ Remote control



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 Coloured 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.

■ Rear

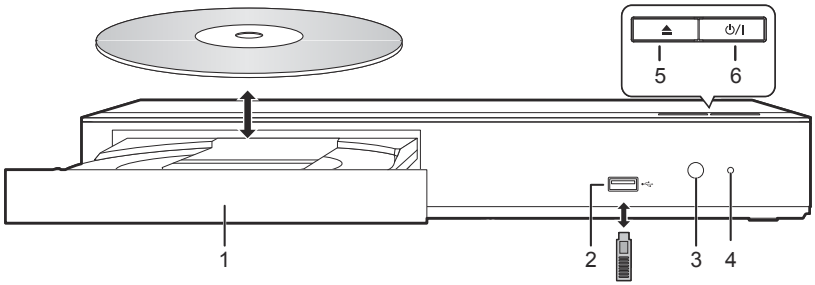


1 DC IN (12 V) terminal
2 LAN port
3 HDMI AV OUT terminal

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

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

■ Front



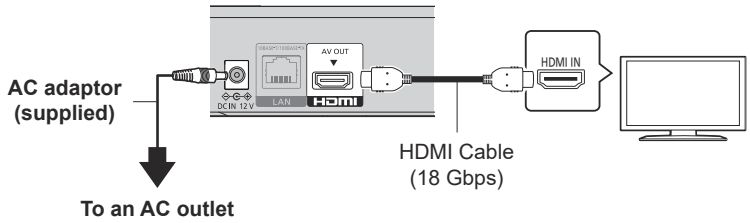
1 Disc tray
2 USB port (DC 5 V 500 mA)
This port supports USB 2.0 High Speed.
3 Remote control signal sensor
Distance: Within approx. 7 m (23 feet)
Angle: Approx. 20° up and down, 30° left and right
4 POWER LED
The LED lights up when the unit is turned on, and flashes when error occurs.
5 Open or close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

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.

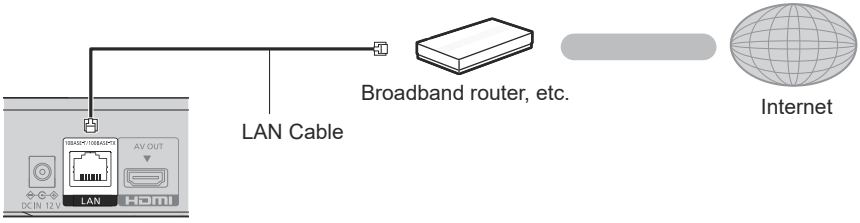
Quick Start Guide

STEP 1 : Connecting to a TV



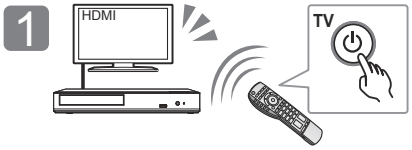
- To enjoy 4K output, you need to connect this unit to a 4K compatible TV.
- To enjoy images in 4K/60p, you need an HDMI cable that supports 18 Gbps.
When outputting 1080p or 24p (4K) signal, please use HDMI cables 5.0 meters (16.4 ft.) or less.
It is recommended that you use Panasonic's HDMI cable.
- **If you connect this unit to a 4K-compatible TV and perform "Easy Setting", 4K/60p will be automatically selected.**
- To view Ultra HD Blu-ray content in 4K/HDR format, connect to the HDMI terminal of a device that supports HDCP2.2, 4K/60p (4:4:4), and HDR signals that meet Ultra HD Blu-ray standards.
- 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.
- The unit is in the standby condition when the AC adaptor is connected. The primary circuit is always "live" as long as the AC adaptor is connected to an electrical outlet.

STEP 2 : Connecting to a network

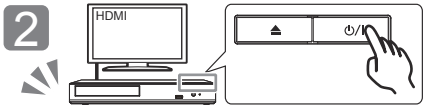


Use category 5e or above straight LAN cables (STP) when connecting to peripheral devices.

STEP 3 : Settings



Turn on the TV and select the appropriate video input.

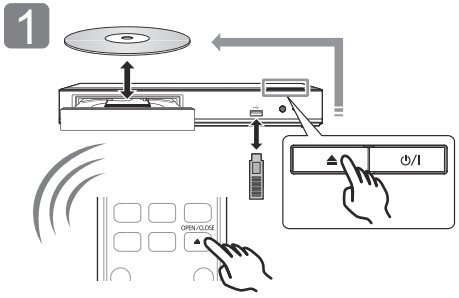


Press [⏻/I].
Follow the on-screen instructions to continue with the settings.

In your use of internet functions

You must agree to the terms of use for the Internet function and the privacy policy.
[HOME] ⇨ “Setup” ⇨ “Player Settings” ⇨ “Network” ⇨ “Legal Notices”

STEP 4 : Playback



Insert the media.



Select the item to play and press [OK].

Operations during playback

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 [I◀◀] or [▶▶I].	Skip to the title, chapter or track.

Playable media

Ultra HD Blu-ray: Video
BD-Video: Video
BD-RE/BD-RE DL/BD-R/BD-R DL: Video, MKV, MP4, MPEG2, JPEG, MPO, AAC, AIFF, ALAC, DSD (DFF, DSF), FLAC, MP3, WAV, WMA
DVD-Video: Video
DVD-R/DVD-R DL: Video, AVCHD, MKV, MP4, MPEG2, JPEG, MPO, AAC, AIFF, ALAC, DSD (DFF, DSF), FLAC, MP3, WAV, WMA
DVD-RW/+R/+RW/+R DL: Video, AVCHD
Music CD: Music [CD-DA]
CD-R/CD-RW: MKV, MP4, MPEG2, JPEG, MPO, AAC, AIFF, ALAC, FLAC, MP3, Music [CD-DA], WAV, WMA
USB devices (up to 4 TB): AVCHD, AVCHD 3D, MKV, MP4, MPEG2, JPEG, MPO, AAC, AIFF, ALAC, DSD (DFF, DSF), FLAC, MP3, WAV, WMA

■ 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 DVD-Video discs in PAL format.

Specifications

Power supply	**DC 12 V, 1.5 A** (DC IN terminal)
Power consumption	**Approx. 12 W**
Power consumption in standby mode	**Approx. 0.3 W** (Quick Start: Off)
Dimensions (W x H x D) Including the projecting parts	320 mm x 46 mm x 193 mm (Approx. 12 5/8" x 1 13/16" x 7 5/8")
Mass (Weight)	Approx. 1.2 kg (2.7 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 operating instructions (PDF format).

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The product with Hi-Res Audio logo is conformed to High-Resolution Audio standard defined by Japan Audio Society. The logo is used under license from Japan Audio Society.

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<AVC>
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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

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(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.
https://panasonic.net/cns/oss/

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(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) MS/PlayReady/Final Product Labeling
This product contains technology subject to certain intellectual property rights of Microsoft. Use or distribution of this technology outside of this product is prohibited without the appropriate license(s) from Microsoft.
(3) MS/PlayReady/End User Notices
Content owners use Microsoft PlayReady™ content access technology to protect their intellectual property, including copyrighted content. This device uses PlayReady technology to access PlayReady-protected content and/or WMDRM-protected content. If the device fails to properly enforce restrictions on content usage, content owners may require Microsoft to revoke the device’s ability to consume PlayReady-protected content. Revocation should not affect unprotected content or content protected by other content access technologies. Content owners may require you to upgrade PlayReady to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade.
(4) Vorbis, FLAC
The software licenses are displayed when “License” in the Setup menu is selected.*

* [HOME] ⇨ “Setup” ⇨ “Player Settings” ⇨ “System” ⇨ “System Information”

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.

Shop Accessories!

for all your Panasonic gear

Go to

http://shop.panasonic.com/support

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

1912

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 DP-UB150

SERIAL NUMBER _____

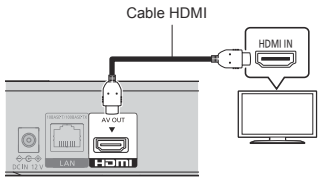
User memo:

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

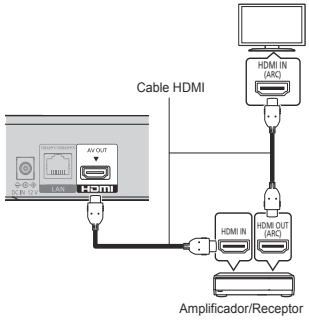
Referencia rápida en español (Spanish Quick Reference)

Conexiones básicas

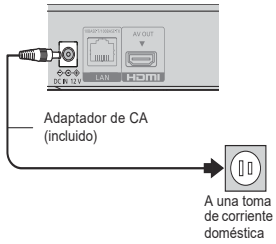
Conexión a un televisor compatible con HDMI



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. 0,3 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 reprodutor y pulsar el botón de encendido, aparecerá la pantalla de la configuración básica.

2 Inserte el medio.

Inicia la reproducción

Pulse [▶].

Detención

Pulse [■].

Se memoriza la posición de detención

Función de reanudación de la reproducción

Pulse [▶] para volver a iniciar a partir de esta posición.

- El punto se anula si se extrae el medio.
- **En los discos BD-Vídeo que incluyen BD-J, la función de reanudación de la reproducción no funciona.**

Pausa

Pulse [❚❚].

- Vuelva a pulsar [❚❚] o [▶] para reanudar la reproducción.

Búsqueda/Cámara lenta

Búsqueda

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

- Ultra HD Blu-ray, MKV, MP4 y MPEG2: No se escucha sonido. (Cuando “Ajuste de la Guía por voz” está configurado como “Activado”, el audio no se escucha con independencia del medio.)

Cámara lenta

Durante la pausa, pulse [▶▶].

- MKV, MP4 y MPEG2: No es eficaz.

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.

Saltar

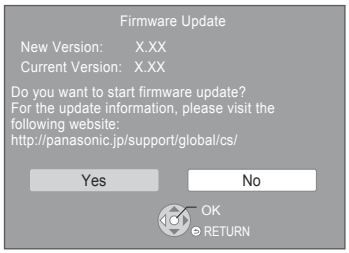
Durante la reproducción o la pausa, pulse [|◀◀] o [▶▶|].

Salte al título, capítulo o pista.

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.

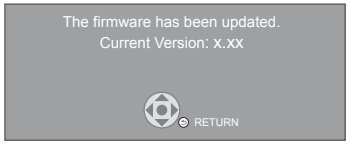
This unit is capable of checking the firmware automatically when connected to the Internet via a broadband connection.
When a new firmware version is available, the following message is displayed.



*

Select “Yes” to start downloading the firmware.

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.



*

- **You can also download the latest firmware from the following website and store it to a USB device to update the firmware.**
  https://panasonic.jp/support/global/cs/
  (This site is in English only.)
  When the update is complete, turn off and on the unit.
- **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:
http://www.panasonic.com/environmental/
or call 1-888-769-0149.

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