For product support, visit
Para obtener asistencia técnica, visite
Pour en savoir plus sur l'assistance sur les produits, visitez le site

www.philips.com/support

BDP2385

User manual

Manual del usuario

Manuel d'utilisation

EN: For further assistance, call the customer support service in your country.
- To obtain assistance in the U.S.A., Canada, Puerto Rico, or the U.S. Virgin Islands, contact
  Philips Customer Care Center at 1 (866) 226-6074
- To obtain assistance in Mexico, contact Philips Customer Care Center at 01 800 839 1989;
  Mexico city: 5887-9736

ES: Para obtener mas informacion, llame al servicio de soporte al cliente de su pais.
- Para obtener asistencia en los Estados Unidos, en Canada, Puerto Rico o en las Islas Virgenes de los Estados
  Unidos, comuniquese con Centro de atencion al cliente de Philips al 1 (866) 226-6074
- Solo para Mexico CENTRO DE ATENCION A CLIENTES LADA, 01 800 839 1989 Solo Para Mexico;
  Mexico city: 5887-9736

FR: Pour obtenir de l'aide supplementaire, communiquez avec le centre de service a la clientele de votre pays.
- Pour obtenir de l'aide aux Etats-Unis, au Canada, a Puerto Rico ou aux Iles Vierges americaines, communiquez
  avec le centre de service a la clientele Philips au : 1 (866) 226-6074
- Pour obtenir l'aide au Mexique, entrez en contact avec le centre de soin de client de Philips a 01 800 839 1989;
  Mexico city: 5887-9736

For Product recycling information, please visit - **www.recycle.philips.com**
Para obtener información de productos de reciclaje, por favor visite - **www.recycle.philips.com**
Pour tout renseignement sur le recyclage des produits, veuillez visiter - **www.recycle.philips.com**

PHILIPS

English

Important

This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation mark' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match wide blade to wide slot.)

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.
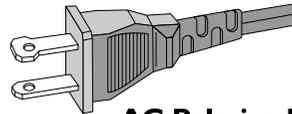
AC Polarized Plug

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.

⑮ Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:

- Install all batteries correctly, + and - as marked on the unit.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries.
- Remove batteries when the unit is not used for a long time.
- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/ hazardouswaste/perchlorate.

⑯ Apparatus shall not be exposed to dripping or splashing.

⑰ Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

⑱ This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

⑲ Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Class II equipment symbol

This symbol indicates that the unit has a double insulation system.

! Caution

- Use of any controls, adjustments, or procedures other than those specified herein may result in hazardous radiation exposure or other unsafe operation.

≡ Note

- For identification and supply ratings, see the type plate at the back or bottom of the product.
- Before you make or change any connections, make sure that all devices are disconnected from the power outlet.

Notice of compliance

This set complies with the FCC rules, Part 15 and with 21 CFR 1040.10. 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.

FCC rules
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 instruction manual, 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:

- Relocate the receiving antenna.

- Increase the separation between 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 Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Warning: Changes or modifications made to this equipment not expressly approved by Philips may void the FCC authorization to operate this equipment.
Model number: PHILIPS BDP2385/F7
Trade Name: Philips
Responsible Party: P&F USA, Inc. PO Box 2248 Alpharetta, GA 30023-2248; 1 (866) 226-6074

Canada:
CAN ICES-3(B)/NMB-3(B)
This device complies with Industry Canada licence-exempt RSS standard(s). 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.
The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

3D health warning

- If you or your family has a history of epilepsy or photosensitive seizures, consult a medical professional before exposing yourself to flashing light sources, rapid image sequences or 3D viewing.
- To avoid discomfort such as dizziness, headache or disorientation, we recommend not watching 3D for extended periods of time. If you experience any discomfort, stop watching 3D and do not immediately engage in any potentially hazardous activity (for example driving a car) until your symptoms have disappeared. If symptoms persist, do not resume watching 3D without consulting a medical professional first.
- Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.

Care for your product

- Do not insert any objects other than discs into the disc compartment.
- Do not insert warped or cracked discs into the disc compartment.
- Remove discs from the disc compartment if you are not using the product for an extended period of time.
- Only use microfiber cloth to clean the product.

Care of the environment

Disposal of your old product and battery

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or visit www.recycle.philips.com.
This product contains batteries:

- Dispose of batteries properly. Do not incinerate. Batteries may explode if overheated.
- Do not wrap in metal or aluminum foil. Wrap in newspaper before discarding.
- It is suggested that you contact your local town or city to determine proper battery redemption site(s) in your area.
- Please visit www.call2recycle.org for additional information on a recycling center in your area for rechargeable batteries.

Copyright

Be responsible
Respect copyrights
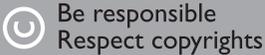
This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.
This product incorporates proprietary technology under license from Verance Corporation and is protected by U.S. Patent 7,369,677 and other U.S. and worldwide patents issued and pending as well as copyright and trade secret protection for certain aspects of such technology. Cinavia is a trademark of Verance Corporation. Copyright 2004-2013 Verance Corporation. All rights reserved by Verance. Reverse engineering or disassembly is prohibited.

Cinavia notice

This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. When a prohibited use of an unauthorized copy is detected, a message will be displayed and playback or copying will be interrupted.
More information about Cinavia technology is provided at the Cinavia Online Consumer Information Center at http://www.cinavia.com. To request additional information about Cinavia by mail, send a postcard with your mailing address to: Cinavia Consumer Information Center, P.O. Box 86851, San Diego, CA, 92138, USA.

Open source software

Philips Electronics Singapore hereby offers to deliver, upon request, a copy of the complete corresponding source code for the copyrighted open source software packages used in this product for which such delivery is requested by the respective licenses. This offer is valid up to three years after product purchase to anyone in receipt of this information. To obtain source code, please send your request in English with product type to open.source@philips.com. If you prefer not to use email or if you do not receive confirmation receipt within 2 weeks after mailing to this email address, please write in English to "Open Source Team, Philips Intellectual Property & Standards, P.O. Box 220, 5600 AE Eindhoven, The Netherlands". If you do not receive timely confirmation of your letter, please email to the email address above. The texts of the licenses and acknowledgements for open source software used in this product are included on a separate leaflet.

User Manual

PHILIPS

1

HDMI

MAINS ~

HDMI OUT   LAN   COAXIAL

COAXIAL

HDMI OUT

HDMI OUT

COAXIAL

COAXIAL

3

4

5

① ⏻

② ⊷ SOURCE

PHILIPS

TV

6
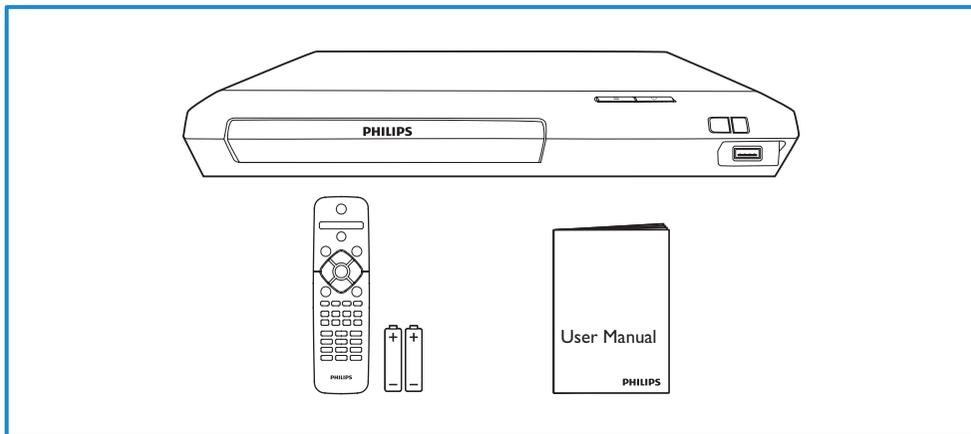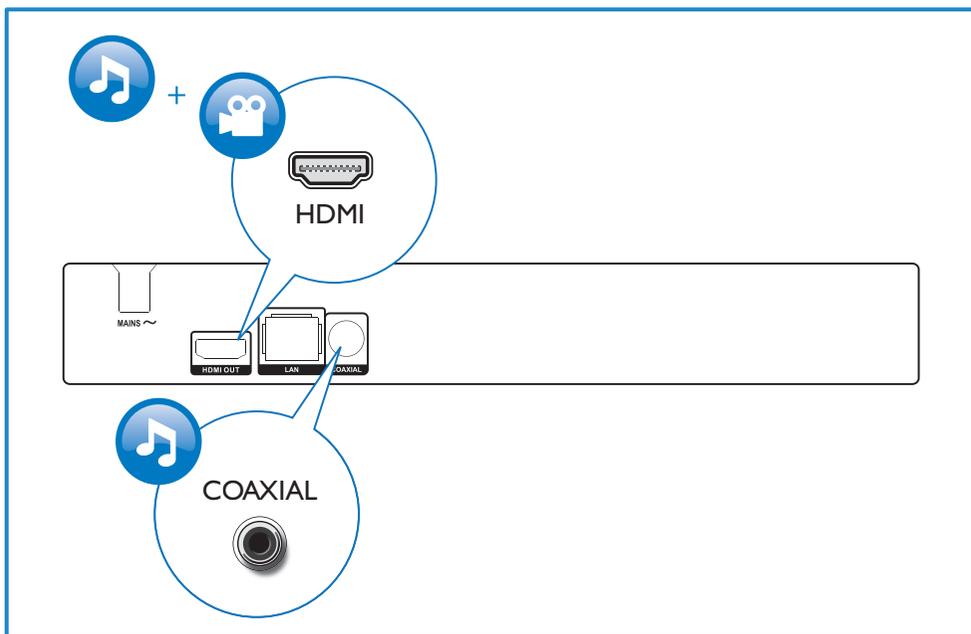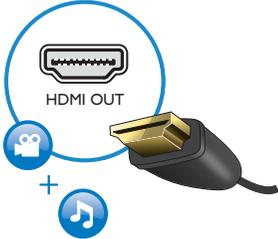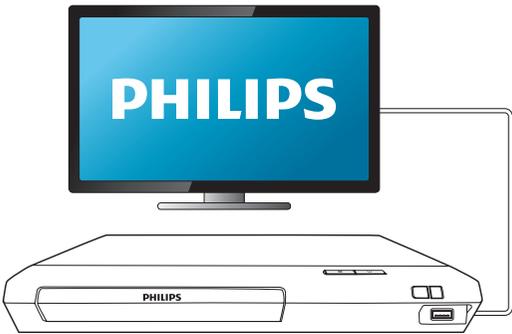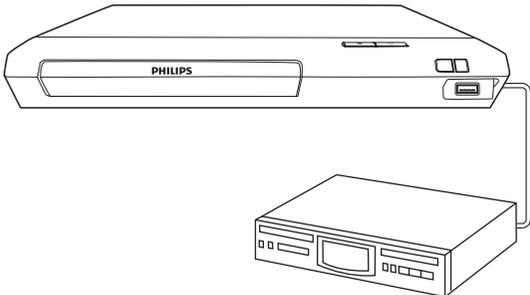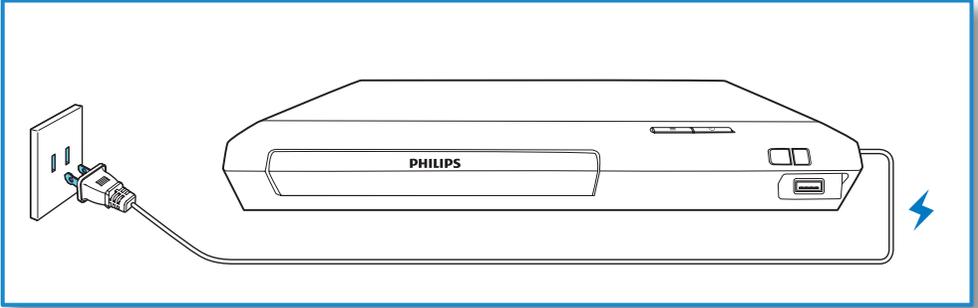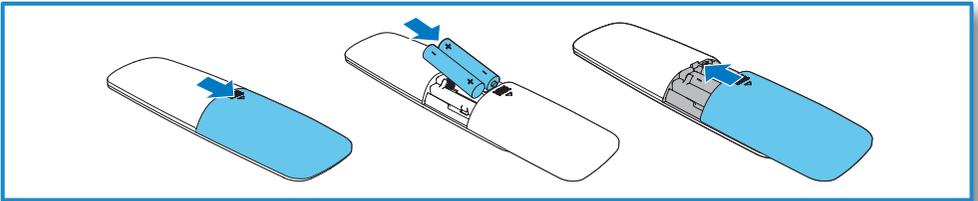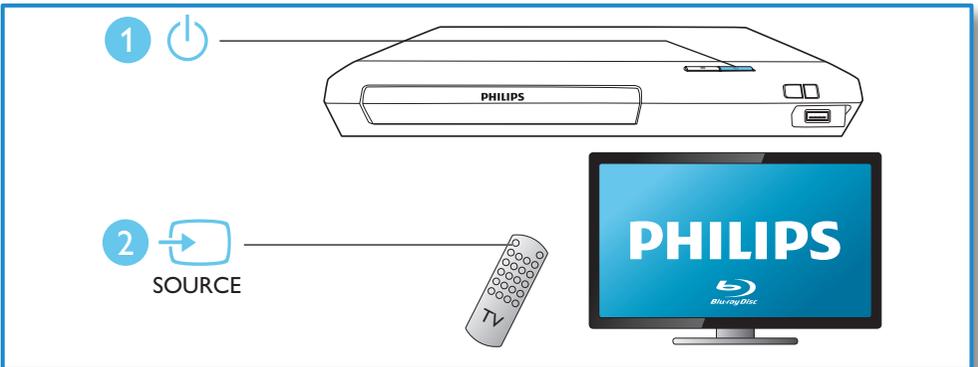
BD
BD 3D
DVD/VCD/CD
DivX Plus HD/MKV
MP3 / JPEG

Play disc

USB

Browse USB
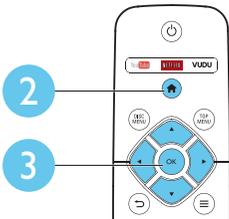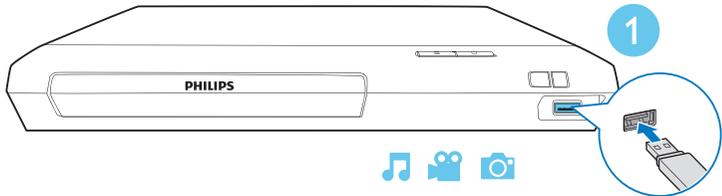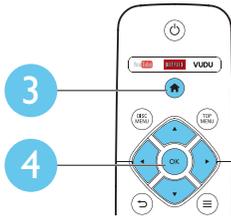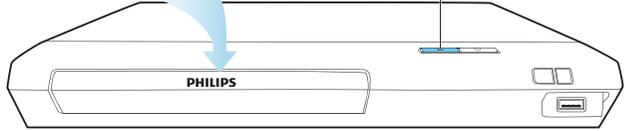
Contents

1 Use your Blu-ray disc / DVD player

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers (e.g. product software upgrade), register your product at www.philips.com/welcome.

Basic play control
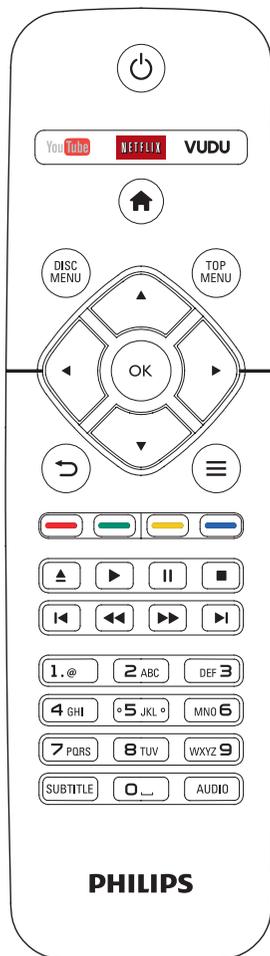
During play, press the following buttons to control.

Button	Action
⏻	Turn on the player, or switch to standby.
YouTube / **Netflix** / **VUDU**	Select to connect to YouTube, Netflix or VUDU.
🏠	Access the home menu.

Button	Action
DISC MENU	Access or exit the disc menu or Pop-up menu.
TOP MENU	Access the main menu of a video disc.
▲ ▼ ◄ ►	Navigate the menus. Press ▲ ▼ to rotate a picture clockwise or counter-clockwise during slideshow.
OK	Confirm a selection or entry.
⏎	Return to a previous display menu.
☰	Access more options during play.
Color buttons	Select tasks or options for Blu-ray discs.
▲	Open or close the disc compartment.
►	Start or resume play.
❚❚	Pause play. Press repeatedly to slow forward frame by frame.
■	Stop play.
⏮ / ⏭	Skip to the previous or next track, chapter or file.
◄◄ / ►►	Fast backward or forward. Press repeatedly to change the search speed. Press ❚❚ once, and then press ►► to slow forward.
AUDIO	Select an audio language or channel.
SUBTITLE	Select a subtitle language.
Alphanumeric buttons	Select an item to play. Enter values. Enter letters via SMS style entry.

Video, audio and picture options

More options are available for video or picture play from a disc or USB storage device.

Video options
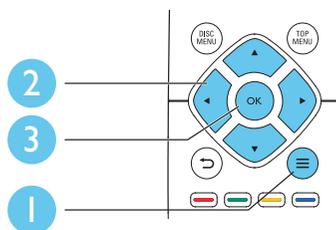
Access more options during video play.
- **[Audio language]**: Select an audio language.
- **[Subtitle language]**: Select a subtitle language.
- **[CC]**: Select an option about Closed Caption.
- **[Subtitle shift]**: Change the subtitle position on the screen. Press ▲ ▼ to change the subtitle position.
- **[Info]**: Display play information.
- **[Character set]**: Select a character set that supports the DivX video subtitle (only for DivX videos).
- **[Time search]**: Skip to a specific time via the numeric buttons on the remote control.
- **[2nd audio language]**: Select the second audio language (only for Blu-ray discs that support BonusView).
- **[2nd subtitle language]**: Select the second subtitle language (only for Blu-ray discs that support BonusView).
- **[Titles]**: Select a title.
- **[Chapters]**: Select a chapter.
- **[Angle list]**: Select a camera angle.
- **[Menus]**: Display a disc menu.

- **[PIP selection]**: Display a picture-in-picture window (only for Blu-ray discs that support BonusView).
- **[Zoom]**: Zoom into a video picture. Press ◄► to select a zoom factor.
- **[Repeat]**: Repeat a chapter or title.
- **[Repeat A-B]**: Mark two points within a chapter for repeat play, or turn off repeat mode.
- **[Picture settings]**: Select a predefined color setting.

> **Note**
>
> • Available video options depend on the video source.

Picture options
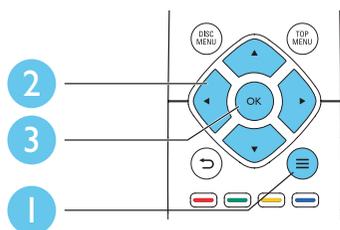
Access more options during slideshow.
- **[Rotate +90]**: Rotate a picture 90 degrees clockwise.
- **[Rotate -90]**: Rotate a picture 90 degrees counter-clockwise.
- **[Zoom]**: Zoom into a picture. Press ◄► to select a zoom factor.
- **[Info]**: Display picture information.
- **[Duration per slide]**: Set a display interval for a slideshow.
- **[Slide animation]**: Select a transition effect for a slideshow.
- **[Picture settings]**: Select a predefined color setting.
- **[Repeat]**: Repeat a selected folder.

Audio options
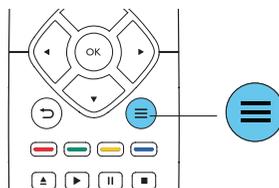
Press ≡ repeatedly to cycle through the following options.
- Repeat the current track.
- Repeat all the tracks on the disc or folder.
- Play audio tracks in a random loop.
- Turn off a repeat mode.

DivX videos

You can play DivX videos from a disc or a USB storage device.

VOD code for DivX
- Before you purchase DivX videos and play them on this player, register this player on www.divx.com using the DivX VOD code.
- Display the DivX VOD code: press ♠, and select **[Setup]** > **[Advanced]** > **[DivX® VOD Code]**.

DivX subtitles
- Press **SUBTITLE** to select a language.
- If the subtitle is not displayed correctly, change the character set that supports the DivX subtitle. Select a character set: press ≡, and select **[Character set]**.

Character set	Languages
[Standard]	English, Albanian, Danish, Dutch, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish, and Turkish

Character set	Languages
[Central Europe]	Albanian, Croat, Czech, Dutch, English, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene, and Serbian
[Cyrillic]	Bulgarian, Belorussian, English, Macedonian, Moldavian, Russian, Serbian, and Ukrainian
[Greek]	Greek
[Baltic]	Northern Europe
[Chinese]	Simplified Chinese
[Chinese-Traditional]	Traditional Chinese
[Korean]	English and Korean

Note

- To play DivX DRM protected files from a USB storage device, connect this player to a TV through HDMI.
- To use the subtitles, make sure that the subtitle file has the same name as the DivX video file name. For example, if the DivX video file is named "movie.avi", save the subtitle file as "movie.srt", or "movie.sub".
- This player can play subtitle files in the following formats: .srt, .sub, .txt, .ssa, and .smi.

Play a musical slideshow

Play music and pictures simultaneously to create a musical slideshow.

1 From a disc or connected USB storage device, play a music file.

2 Press ↰, and go to the picture folder.

3 Select a picture from the same disc or USB, and press **OK** to start slideshow.

4 Press ■ to stop slideshow.

5 Press ■ again to stop music play.

Auto play

This player can automatically play a disc or a video file.

Auto play disc

When this player is switched on, the disc automatically plays.

1 Press ♠ (**Home**).

2 Select **[Setup]**, and then press **OK**.

3 Select **[Preference]** > **[Auto play disc]**> **[On]**.
- The feature is turned on.
- To turn off the feature, select **[Off]**. The disc will not automatically play.

Auto play video sequentially

If two or more video files are available in the same folder from a USB storage device, the next video file automatically plays after the end of a video.

1 Press ♠ (**Home**).

2 Select **[Setup]**, and then press **OK**.

3 Select **[Preference]** > **[Auto play after video]**> **[On]**.
- The feature is turned on.
- To turn off the feature, select **[Off]**. The next video file will not automatically play after the end of a video in the same folder.

BonusView on Blu-ray

View special content (such as commentaries) in a small screen window.
This feature is only applicable to Blu-ray discs compatible with BonusView (also known as picture in picture).

1 During play, press ≡.
  ↳ The options menu is displayed.

2 Select **[PIP selection]** > **[PIP]**, and press **OK**.
   » PIP options [1]/[2] depend on the video contents.
   » The secondary video window is displayed.

3 Select **[2nd audio language]** or **[2nd subtitle language]**, and press **OK**.

BD-Live on Blu-ray

Access exclusive online services, such as movie trailers, games, ringtones and other bonus contents.
This feature is only applicable to Blu-ray discs that are BD-Live enabled.

1 Prepare the Internet connection and set up a network (see "Set up a network").

2 Connect a USB storage device to this player.
   • A USB storage device is used to store the downloaded BD-Live content.
   • To delete the BD-Live previously downloaded on the USB storage device for memory release, press ♠ and select **[Setup]** > **[Advanced]** > **[Clear memory]**.

3 Play a disc that is BD-Live enabled.

4 On the disc menu, select the BD-Live icon, and press **OK**.
   » BD-Live starts to load. The loading time depends on the disc and the Internet connection.

5 On the BD-Live interface, select an item to access.

Note

• BD-Live services vary from discs and countries.
• When you use BD-Live, data on the disc and this player are accessed by the content provider
• Use a USB storage device with at least 1GB of free space to store the download.

Play a Blu-ray 3D video

What you need
• A 3D compliant TV
• This player is connected to the TV through HDMI
• 3D glasses compatible with the TV
• 3D Blu-ray disc

1 Make sure that 3D output is turned on: press ♠, and select **[Setup]** > **[Video]** >**[Watch 3D video]** > **[Auto]**.

2 Play a Blu-ray 3D video.

3 Put on the 3D glasses for 3D effects.
   • To turn off 3D output, press ♠, and select **[Setup]** > **[Video]** > **[Watch 3D video]** > **[Off]**.

Set up a network

Connect this player to the Internet to access the services:
• **Update software:** update the software of this player via the Internet.
• **BD-Live:** access online bonus features (applicable to Blu-ray discs that are BD-Live enabled).
• **Online services:** access YouTube, Netflix, VUDU, Pandora, Target Ticket, AccuWeather, etc.

1 Connect this player to a computer network and the Internet, through wired (Ethernet) or wireless connection.
   • For wired connection, connect a network cable (not supplied) to the **LAN** port on the back panel of this player.
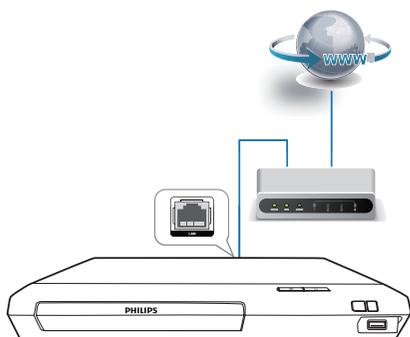
- This player has a built-in Wi-Fi for a wireless connection.
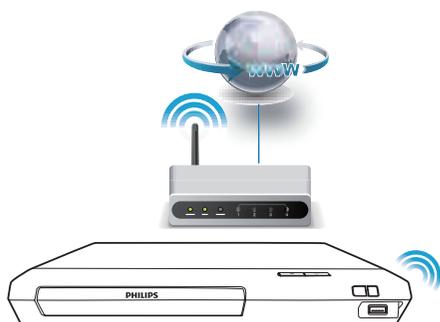
2 Perform the network installation.

1) Press 🏠.
2) Select [Setup], and press OK.
3) Select [Network] > [Network installation], and press OK.
4) Follow the instructions on the TV screen to complete the installation.

⚠ Caution

- Before you connect to a network, familiarize yourself with the network router and networking principles. If necessary, read documentation accompanying network components. Philips is not responsible for lost, damaged, or corrupt data.

Enjoy Internet services

With this player, you can access online services, such as movies, pictures and music.

What you need

- Connect this player to the Internet. (see "Set up a network").

1 Press 🏠.
2 Select a service and press OK.
   - **[YouTube]**: a video-sharing service
   - **[Netflix]**: an online subscription service streaming movies & TV episodes over the Internet
   - **[VUDU]**: an online movie service
   - **[Target Ticket]**: an online video download and rental service
   - **[Pandora]**: an Internet radio service
   - **[AccuWeather]**: an online weather forecasting service worldwide

3 Follow the on-screen instruction and use your remote control to enjoy the services.

Function	Button/Action
Select a service or item.	▲ ▼ ◄ ►
Confirm a selection.	OK
Return to a previous page, or delete input text.	⤺
Return to the home page.	🏠

Use Philips EasyLink

This player supports Philips EasyLink which uses the HDMI CEC (Consumer Electronics Control) protocol. You can use a single remote control to control EasyLink compliant devices that are connected through HDMI. Philips does not guarantee 100% interoperability with all HDMI CEC devices.

1 Connect the HDMI CEC compliant devices through HDMI, and turn on the HDMI CEC operations on the TV and other connected devices (see the user manual of the TV or other devices for details).

2 Press ⌂.

3 Select **[Setup]**> **[EasyLink]**.

4 Select **[On]** under the options: **[EasyLink]**, **[One Touch Play]** and **[One Touch Standby]**.
   » EasyLink function is turned on.

One Touch Play
When a video disc is in the disc compartment, press ▶ to wake up the TV from standby, and then play a disc.

One Touch Standby
When a connected device (for example TV) is put to standby with its own remote control, this player is put to standby automatically.

---

2 Change settings

This section helps you to change the settings of this player.
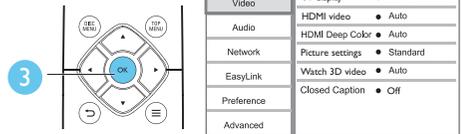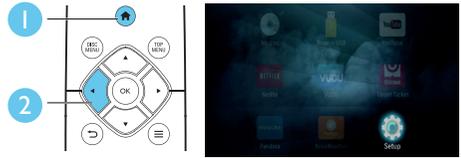
Note

- You cannot change a menu option that is grayed out.
- To return to the previous menu, press ⌐. To exit the menu, press ⌂.

Picture

1 Press ⌂.

2 Select **[Setup]** > **[Video]** to access the video setup options.

- **[TV display]**: Select a picture display format to fit the TV screen.
- **[HDMI video]**: Select an HDMI video resolution.
- **[HDMI Deep Color]**: Display colors with more shades and hues when the video content is recorded in Deep Color and the TV supports this feature.
- **[Picture settings]**: Select a predefined color setting.

- **[Watch 3D video]**: Set to 3D or 2D output when playing a Blu-ray 3D disc. The player must be connected to a 3D TV through HDMI.
- **[Closed Caption]**: Turn on or off the display of sound effects in subtitles (applicable only when a disc and a TV support this feature).

Note

- If you change a setting, make sure that the TV supports the new setting.
- For settings related to HDMI, the TV must be connected through HDMI.

Sound

1 Press 🏠.
2 Select **[Setup]** > **[Audio]** to access the audio setup options.
- **[Night mode]**: Select quiet or full dynamic sound. Night mode decreases the volume of loud sound and increases the volume of soft sound (such as speech).
- **[HDMI audio]**: Set an HDMI audio format when this player is connected through HDMI.
- **[Digital audio]**: Select an audio format for the sound output when this player is connected through a digital connector (coaxial).
- **[PCM downsampling]**: Set the sampling rate for PCM audio output when this player is connected through a digital connector (coaxial).

Note

- For settings related to HDMI, the TV must be connected through HDMI.
- Night mode is only available for Dolby® TrueHD / Dolby® Digital Plus encoded DVD and Blu-ray discs.

Network (installation, status...)

1 Press 🏠.
2 Select **[Setup]** > **[Network]** to access the network setup options.
- **[Network installation]**: Start a wired or wireless installation to make the network work.
- **[View network settings]**: Display the current network status.
- **[View wireless settings]**: Display the current Wi-Fi status.

Preference (languages, parental control...)

1 Press 🏠.
2 Select **[Setup]** > **[Preference]** to access the preference setup options.
- **[Menu language]**: Select an onscreen display menu language.
- **[Audio]**: Select an audio language for video.
- **[Subtitle]**: Select a subtitle language for video.
- **[Disc menu]**: Select a menu language for a video disc.
- **[Parental control]**: Restrict access to discs that are encoded with ratings. Input "0000" to access the restriction options. To play all discs irrespective of the rating, select level "8".
- **[Screen saver]**: Enable or disable screen saver mode. If enabled, the screen enters idle mode after 10 minutes of inactivity (for example, in pause or stop mode).
- **[Auto subtitle shift]**: Enable or disable subtitle shift. If enabled, the subtitle position is changed automatically to fit the TV screen (this feature works with some Philips TVs only).

- **[Change password]**: Set or change a password to play a restricted disc. Input ''0000'' if you do not have a password or if you have forgotten your password.
- **[Auto standby]**: Enable or disable auto standby. If enabled, the player switches to standby after 18 minutes of inactivity (for example, in pause or stop mode).
- **[VCD PBC]**: Display or skip the content menu for VCD and SVCD.
- **[Auto play disc]**: Enable or disable the automatic disc playback after power on.
- **[Auto play after video]**: Enable or disable sequential playback of videos from disc/ USB.
- **CC options**: Adjust the closed caption's font size, font style, font opacity, etc.

Note

- If your preferred language is not available for disc language, audio or subtitle, you can select **[Other]** from the menu options and input 4-digit language code which can be found at the back of this user manual.
- If you select a language which is not available on a disc, this player uses the default language of the disc.

Advanced options (clear memory...)

1 Press ⌂.
2 Select **[Setup]** > **[Advanced]** to access the advanced setup options.
- **[BD-Live security]**: Restrict or allow access to BD-Live (only for non-commercial, user-created BD-Live discs).
- **[Downmix mode]**: Control 2-channel stereo audio output.
- **[Software update]**: Select to update software from a network or from USB storage device.
- **[Clear memory]**: Delete the previous BD-Live download on the USB storage device. A ''BUDA'' folder is automatically created to store the BD-Live download.

- **[DivX® VOD Code]**: Display the DivX® registration code or the deregistration code for this player.
- **[Netflix ESN]**: Display ESN (Electronic Serial Number) for this player.
- **[Deactivation]**: Cancel Netflix or VUDU activation on this player
- **[Version information]**: Display the software version of this player.
- **[Restore default settings]**: Reset this player to the default settings made at the factory, except for password and parental control level.

Note

- You cannot restrict Internet access on commercial Blu-ray discs.
- Before you purchase DivX videos and play them on this player, register this player on www.divx.com with the DivX VOD code.

3 Update software

Before you update the software of this player, check the current software version:

- Press ♠, and then select **[Setup]** > **[Advanced]** > **[Version information]**, and press **OK**.

Update software via the Internet

1 Connect the player to the Internet (see "Set up a network").

2 Press ♠, and select **[Setup]**.

3 Select **[Advanced]** > **[Software update]**> **[Network]**.
   » If an upgrade media is detected, you are prompted to start the update.

4 Follow the instructions on the TV screen to update the software.
   » When the update is complete, this player automatically turns off and on again.

Update software via USB

1 Check the latest software version on www.philips.com/support.
   - Search for your model and click on "Software and drivers".

2 Download the software into a USB storage device.

   ① Unzip the download, and make sure that the unzipped folder is named "UPG".

   ② Put the "UPG" folder in the root directory.

3 Connect the USB storage device to the ⟵ (**USB**) connector on this player.

4 Press ♠, and select **[Setup]**.

5 Select **[Advanced]** > **[Software update]**> **[USB]**.
   » If an upgrade media is detected, you are prompted to start the update.

6 Follow the instructions on the TV screen to update the software.
   » When the update is complete, this player automatically turns off and on again.

! Caution

- Do not turn off the power or remove the USB storage device when the software update is in progress because you might damage this player.

4 Product specifications

> **Note**
>
> • Specifications and design are subject to change without notice.

Region code

This player can play discs with the following region codes.

DVD	Blu-ray	Countries
ALL 1	A	USA and Canada

Media formats

- BD-Video, BD 3D
- DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R/-R DL (Dual Layer)
- VCD/SVCD
- Audio CD, CD-R/CD-RW, MP3 media, WMA media, JPEG files
- DivX (Ultra)/DivX Plus HD media, MKV media
- USB storage device

File formats

- Audio:
  - .aac, .mka, .mp3, .wma, .wav, .m4a, .flac, .ogg
- Video:
  - .avi, .divx, .mp4, .m4v, .ts, .mov, .mkv, .m2ts, .mpg, .mpeg, .3gp
- Picture: .jpg, .jpeg, .gif, .png

Audio formats

This product supports the following audio files.

Extension	Container	Audio codec	Bit rate
.mp3	MP3	MP3	Up to 320 kbps
.wma	ASF	WMA	Up to 192 kbps
		WMA Pro	Up to 768kbps
.aac	AAC	AAC, HE-AAC	Up to 192 kbps
.wav	WAV	PCM	27.648 Mbps
.m4a	MKV	AAC	192 kbps
		ALAC	Up to 192kHz sampling rate
.mka	MKA	PCM	27.648 Mbps
		AC-3	640kbps
		DTS core	1.54 Mbps
		MPEG	912 kbps
		MP3	Up to 320 kbps
		WMA	Up to 192 kbps
		WMA Pro	Up to 768kbps
		AAC, HE-AAC	Up to 192 kbps
.flac	FLAC	FLAC	Up to 24 bit per sample
.ogg	OGG	Vorbis	Variable bit rate, maximum block size 4096
		FLAC	Up to 192kHz sampling rate
		OGGPCM	No limitation
		MP3	Upto 320 kbps

Video formats

If you have a high definition TV, this product allows you to play your video files with:
- Resolution: 1920 x 1080 pixels at
- Frame rate: 6 ~ 30 frames per second.

.avi files in AVI container (or .ts files in TS container)

Audio codec	Video codec	Bit rate
PCM, AC-3, DTS core, MP3, WMA, DD+	DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x	10 Mbps max
	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 SP / ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps
	WMV9	45 Mbps

.divx files in AVI container

Audio codec	Video codec	Bit rate
PCM, AC-3, DTS core, MP3, WMA, DD+	DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x	10 Mbps max

.mp4 or .m4v files in MP4 container

Audio codec	Video codec	Bit rate
AC-3, MPEG, MP3, AAC, HE-AAC, DD+	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps

.mov files in MOV container

Audio codec	Video codec	Bit rate
AC-3, MPEG, MP3, AAC, HE-AAC	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps

.mkv files in MKV container

Audio codec	Video codec	Bit rate
PCM, AC-3, DTS core, MPEG, MP3, WMA, AAC, HE-AAC, DD+, FLAC	DivX Plus HD	30 Mbps
	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps
	WMV9	45 Mbps

.m2ts files in MKV container

Audio codec	Video codec	Bit rate
PCM, AC-3, DTS core, MPEG, MP3, WMA, AAC, HE-AAC, DD+	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps
	WMV9	45 Mbps

.mpg and .mpeg files in PS container

Audio codec	Video codec	Bit rate
PCM, DTS core, MPEG, MP3	MPEG 1, MPEG 2	40 Mbps

.3gp files in 3GP container

Audio codec	Video codec	Bit rate
AAC, HE-AAC	MPEG 4 ASP	38.4 Mbps
	H.264/AVC up to HiP@5.1	25 Mbps max

Video

- Signal system: PAL / NTSC
- HDMI output: 480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p/24Hz

Audio

- Digital output: 0.5 Vp-p (75 ohm)
  - Coaxial
- HDMI output
- Sampling frequency:
  - MP3: 32 kHz, 44.1 kHz, 48 kHz
  - WMA: 44.1 kHz, 48 kHz
- Constant bit rate:
  - MP3: 112 kbps - 320 kpbs
  - WMA: 48 kpbs - 192 kpbs

Wi-Fi

- Support wireless standards: IEEE802.11 b/g/n (2.4 GHz)

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: USB Mass Storage Class
- File system: FAT16, FAT32
- USB port: 5 V ⎓, 500 mA
- Support HDD (a portable hard disc drive): an external power source may be needed.

Main unit

- Power supply rating: 100-127 V~, 50 Hz - 60 Hz
- Power consumption: 11 W
- Power consumption in standby mode: < 0.5 W
- Dimensions (w x h x d): 270 x 41 x 199.3 (mm) / 10.6'' x 1.6'' x 7.4''
- Net Weight: 0.92 kg / 2.0 lbs

Operating Temperature & Humidity
- 0°C to 45°C, 5% to 90% Humidity for all climates.

Storage Temperature & Humidity
- -40 °C to 70 °C, 5% to 95%

Accessories supplied

- Remote control and 2 x AAA batteries
- User manual

Laser

- Laser Type (Diode): AlGaInN (BD), AlGaInP (DVD/CD)
- Wave length: 398nm to 413nm (BD), 645nm to 664nm (DVD), 770nm to 800nm (CD)
- Output power: 1.7mW (BD), 0.19mW (DVD), 0.25mW (CD)

5 Troubleshooting

To keep the warranty valid, never try to repair the player yourself.

If you have problems using this player, check the following points before you request service. If you still have a problem, register your player and get support at www.philips.com/support.

If you contact Philips, you will be asked for the model and serial number of this player. The model number and serial number are on the back of this player. Write the numbers here:

Model No. _____

Serial No. _____

Main unit

The buttons on this player do not work.
•   Disconnect this player from the power supply for a few minutes, and then reconnect.

Picture

No picture.
•   Make sure that the TV is switched to the correct source input for this player. .

No picture on HDMI connection.
•   Make sure that the HDMI cable is not faulty. If it is faulty, replace with a new HDMI cable.
•   On the remote control, press ♠ and then press "731" (numeric buttons) to recover picture display. Or wait for 10 seconds for auto recovery.
•   If this player is connected to an unauthorized display device with an HDMI cable, the audio and video signals may not be output.

The disc does not play high-definition video.
•   Make sure that the disc contains high-definition video.
•   Make sure that the TV supports high-definition video.

Sound

No audio output from the TV.
•   Make sure that the audio cables are connected to the audio input of the TV.
•   Make sure that the TV is switched to the correct source input for this player.

No audio output from the loudspeakers of the external audio device (home theater or amplifier).
•   Make sure that the audio cables are connected to the audio input of the audio device.
•   Switch the external audio device to the correct audio source input.

No sound on HDMI connection.
•   You may not hear any sound from the HDMI output if the connected device is non-HDCP compliant or only DVI-compatible.

No secondary audio output for picture-in-picture feature.
•   When **[Bitstream]** under the **[HDMI audio]** or **[Digital audio]** menu is selected, interactive sound like secondary sound for picture-in-picture feature is muted. Deselect **[Bitstream]**.

Play

Cannot play a disc.
•   Clean the disc.
•   Make sure that the disc is correctly loaded.
•   Make sure that this player supports the disc. See "Specifications".
•   Make sure that this player supports the region code of the DVD or BD.
•   For DVD±RW or DVD±R, make sure that the disc is finalized.

Cannot play DivX video files.
- Make sure that the DivX video file is complete.
- Make sure that the video file name extension is correct.
- To play DivX DRM protected files from a USB storage device, connect this player to a TV through HDMI.

DivX subtitles do not display correctly.
- Make sure that the subtitle file has the same name as the DivX video file.
- Make sure that the subtitle file has an extension name supported by this player (.srt, .sub, .txt, .ssa, or .smi).

Cannot read the contents of a connected USB storage.
- Make sure that the format of the USB storage device is compatible with this player.
- Make sure that the file system on the USB storage device is supported by this player.
- For a USB HDD (a portable hard disc drive), an external power source may be needed.

'No entry' or 'x' sign is displayed on the TV.
- The operation is not possible.

EasyLink feature does not work.
- Make sure that this player is connected to the Philips brand EasyLink TV, and the EasyLink option is turned on (see "Use your Blu-ray disc/ DVD player" > "Use Philips EasyLink").

Cannot access BD-Live features.
- Make sure that this player is connected to the network (see "Use your Blu-ray disc/ DVD player" > "Set up a network").
- Make sure that the network installation is made (see "Use your Blu-ray disc/ DVD player" > "Set up a network").
- Make sure that the Blu-ray disc supports BD-Live features.
- Clear memory storage (see "Change settings" > "Advanced options (BD-Live security, clear memory...)").

Network

Wireless network is not found or distorted.
- Make sure that the network is correctly connected (see "Use your Blu-ray disc/ DVD player" > "Set up a network").
- Make sure that the network installation is made (see "Use your Blu-ray disc/ DVD player" > "Set up a network").
- Make sure that the wireless network is not disturbed by microwave ovens, DECT phones, or other neighboring Wi-Fi devices.
- If the wireless network does not work properly, try a wired network installation (see "Use your Blu-ray disc/ DVD player" > "Set up a network").

Internet service (YouTube/Netflix/VUDU) does not work.
- Make sure that the network is correctly connected (see "Use your Blu-ray disc/ DVD player" > "Set up a network").
- Make sure that the network installation is made (see "Use your Blu-ray disc/ DVD player" > "Set up a network").
- Check the router connection (refer to the user manual for the router).

Internet services (YouTube/Netflix/VUDU) work slowly.
- Look in your wireless router's user manual for information on indoor range, transfer rate, and other factors of signal quality.
- You need a high speed Internet connection for your router.

3D videos

Cannot see 3D effects
- Make sure that 3D output is turned on(see "Use your Blu-ray disc/ DVD player" > "Play a Blu-ray 3D video").
- Make sure that the disc title being played is Blu-ray 3D compliant.
- Make sure that the TV is 3D and HDMI compliant, and the TV is set to 3D mode (refer to the TV's user manual).
- Make sure that the 3D glasses are activated (refer to the TV's user manual).

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DIVX+
HD

This DivX Certified® device has passed
rigorous testing to ensure it plays DivX® video.
To play purchased DivX movies, first register
your device at vod.divx.com. Find your
registration code in the DivX VOD section of
your device setup menu.
DivX Certified® to play DivX® and DivX Plus®
HD (H.264/MKV) video up to 1080p HD,
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U.S. patents: 7,295,673; 7,460,668; 7,515,710;
7,519,274; 8,301,793; 8,649,669; 8,656,183.

BD LIVE

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CLASS 1
LASER PRODUCT

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ONE (1) YEAR LIMITED WARRANTY

WARRANTY COVERAGE:
This warranty obligation is limited to the terms set forth below.

WHO IS COVERED:
This product is warranted to the original purchaser or the person receiving the product as a gift against defects in materials and workmanship as based on the date of original purchase ("Warranty Period") from an Authorized Dealer. The original sales receipt showing the product name and the purchase date from an authorized retailer is considered such proof.

WHAT IS COVERED:
This warranty covers new products if a defect in material or workmanship occurs and a valid claim is received within the Warranty Period. At its option, the company will either (1) repair the product at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new, or serviceable used parts and is at least functionally equivalent or most comparable to the original product in current inventory, or (3) refund the original purchase price of the product. The company warrants replacement products or parts provided under this warranty against defects in materials and workmanship from the date of the replacement or repair for ninety (90) days or for the remaining portion of the original product's warranty, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes the company property. When a refund is given, your product becomes the company property. **Note: Any product sold and identified as refurbished or renewed carries a ninety (90) day limited warranty.**

Replacement product can only be sent if all warranty requirements are met. Failure to follow all requirements can result in delay.

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This warranty does not apply (a) to damage caused by accident, abuse, misuse, neglect, misapplication, or non-Philips product, (b) to damage caused by service performed by anyone other than an Authorized Service Location, (c) to a product or a part that has been modified without written permission,

or (d) if any serial number has been removed or defaced, or (e) product, accessories or consumables sold "AS IS" without warranty of any kind by including refurbished Philips product sold "AS IS" by some retailers.

This Limited Warranty does not cover:
* Shipping charges to return defective product.
* Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna/signal source systems outside of the product.
* Product repair and/or part replacement because of improper installation or maintenance, connections to improper voltage supply, power line surge, lightning damage, retained images or screen markings resulting from viewing fixed stationary content for extended periods, product cosmetic appearance items due to normal wear and tear, unauthorized repair or other cause not within the control of the company.
* Damage or claims for products not being available for use, or for lost data or lost software.
* Damage from mishandled shipments or transit accidents when returning product.
* A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
* A product used for commercial or institutional purposes (including but not limited to rental purposes).
* Product lost in shipment and no signature verification receipt can be provided.
* Failure to operate per Owner's Manual.

TO OBTAIN ASSISTANCE IN THE U.S.A., CANADA, PUERTO RICO, OR U.S. VIRGIN ISLANDS…
Contact Customer Care Center at:

1 (866) 226-6074

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P&F USA Inc. PO Box 2248 Alpharetta, GA 30023-2248

Language Code

Abkhazian	6566		Inupiaq	7375		Pushto	8083
Afar	6565		Irish	7165		Russian	8285
Afrikaans	6570		Íslenska	7383		Quechua	8185
Amharic	6577		Italiano	7384		Raeto-Romance	8277
Arabic	6582		Ivrit	7269		Romanian	8279
Armenian	7289		Japanese	7465		Rundi	8278
Assamese	6583		Javanese	7486		Samoan	8377
Avestan	6569		Kalaallisut	7576		Sango	8371
Aymara	6589		Kannada	7578		Sanskrit	8365
Azerhaijani	6590		Kashmiri	7583		Sardinian	8367
Bahasa Melayu	7783		Kazakh	7575		Serbian	8382
Bashkir	6665		Kernewek	7587		Shona	8378
Belarusian	6669		Khmer	7577		Shqip	8381
Bengali	6678		Kinyarwanda	8287		Sindhi	8368
Bihari	6672		Kirghiz	7589		Sinhalese	8373
Bislama	6673		Komi	7586		Slovensky	8373
Bokmål, Norwegian	7866		Korean	7579		Slovenian	8376
Bosanski	6683		Kuanyama; Kwanyama	7574		Somali	8379
Brezhoneg	6682		Kurdish	7585		Sotho; Southern	8384
Bulgarian	6671		Lao	7679		South Ndebele	7882
Burmese	7789		Latina	7665		Sundanese	8385
Castellano, Español	6983		Latvian	7686		Suomi	7073
Catalán	6765		Letzeburgesch;	7666		Swahili	8387
Chamorro	6772		Limburgan; Limburger	7673		Swati	8383
Chechen	6769		Lingala	7678		Svenska	8386
Chewa; Chichewa; Nyanja	7889		Lithuanian	7684		Tagalog	8476
中文	9072		Luxembourgish;	7666		Tahitian	8489
Chuang; Zhuang	9065		Macedonian	7775		Tajik	8471
Church Slavic; Slavonic	6785		Malagasy	7771		Tamil	8465
Chuvash	6786		Magyar	7285		Tatar	8484
Corsican	6779		Malayalam	7776		Telugu	8469
Česky	6783		Maltese	7784		Thai	8472
Dansk	6865		Manx	7186		Tibetan	6679
Deutsch	6869		Maori	7773		Tigrinya	8473
Dzongkha	6890		Marathi	7782		Tonga (Tonga Islands)	8479
English	6978		Marshallese	7772		Tsonga	8483
Esperanto	6979		Moldavian	7779		Tswana	8478
Estonian	6984		Mongolian	7778		Türkçe	8482
Euskara	6985		Nauru	7865		Turkmen	8475
Ελληνικά	6976		Navaho; Navajo	7886		Twi	8487
Faroese	7079		Ndebele, North	7868		Uighur	8571
Français	7082		Ndebele, South	7882		Ukrainian	8575
Frysk	7089		Ndonga	7871		Urdu	8582
Fijian	7074		Nederlands	7876		Uzbek	8590
Gaelic; Scottish Gaelic	7168		Nepali	7869		Vietnamese	8673
Gallegan	7176		Norsk	7879		Volapuk	8679
Georgian	7565		Northern Sami	8369		Walloon	8765
Gikuyu; Kikuyu	7573		North Ndebele	7868		Welsh	6789
Guarani	7178		Norwegian Nynorsk;	7878		Wolof	8779
Gujarati	7185		Occitan; Provencal	7967		Xhosa	8872
Hausa	7265		Old Bulgarian; Old Slavonic	6785		Yiddish	8973
Herero	7290		Oriya	7982		Yoruba	8979
Hindi	7273		Oromo	7977		Zulu	9085
Hiri Motu	7279		Ossetian; Ossetic	7983			
Hrwatski	6779		Pali	8073			
Ido	7379		Panjabi	8065			
Interlingua (International)	7365		Persian	7065			
Interlingue	7365		Polski	8076			
Inuktitut	7385		Português	8084			

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