# Register your product and get support at

# www.philips.com/welcome

## BDP2600



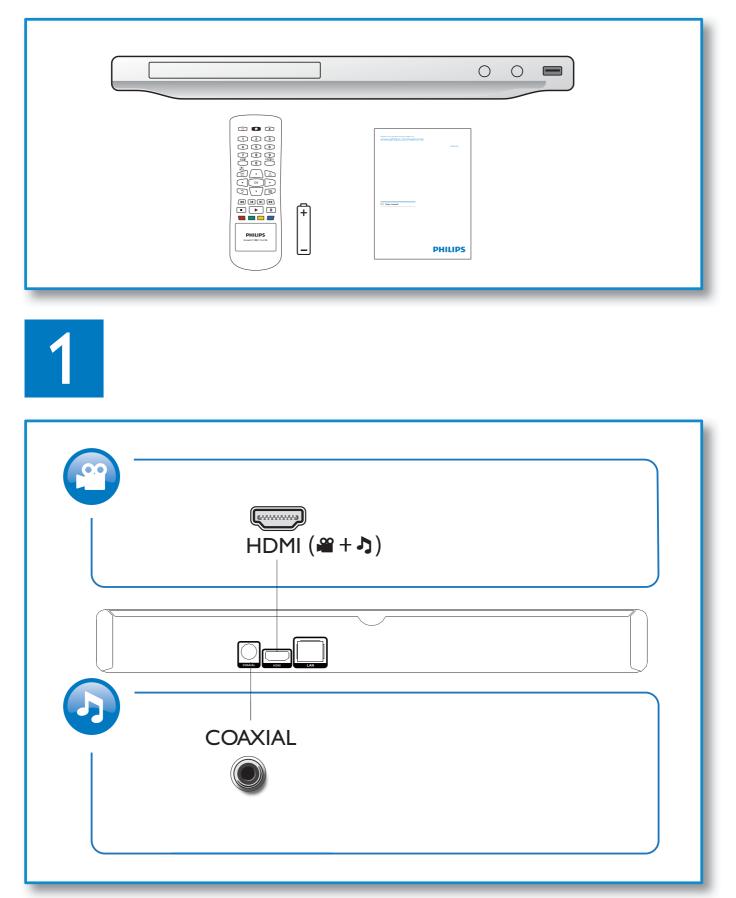
### EN User manual



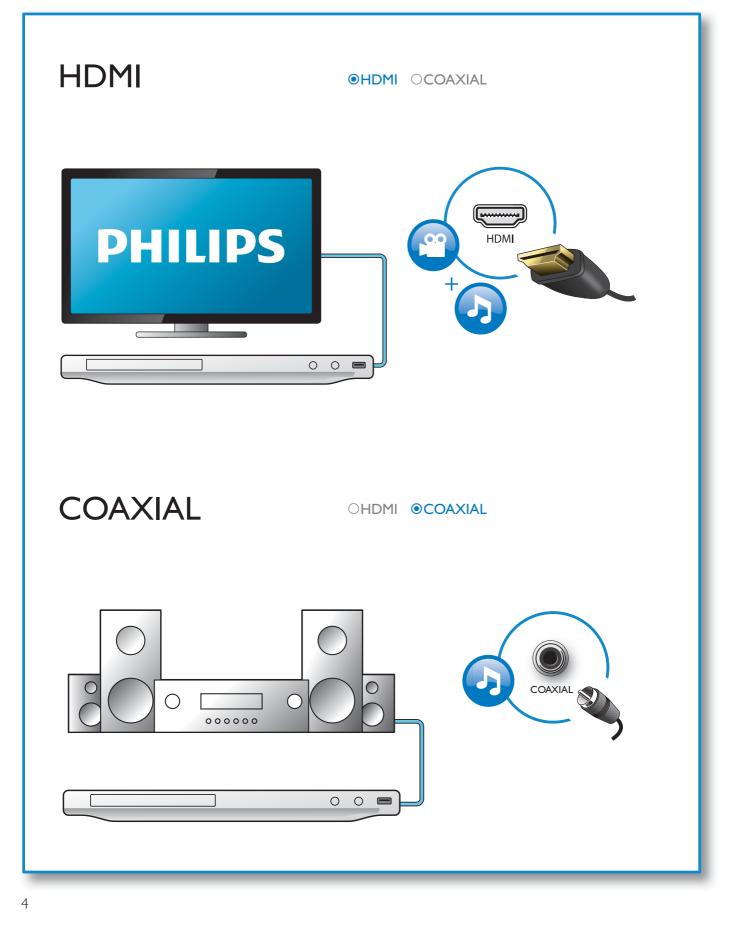


Before you operate this Blu-ray disc player, read and understand all accompanying instructions.

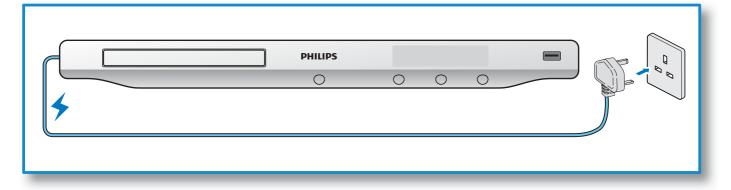




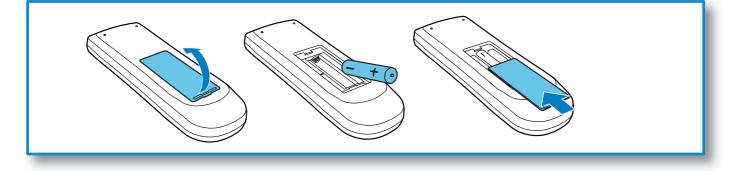




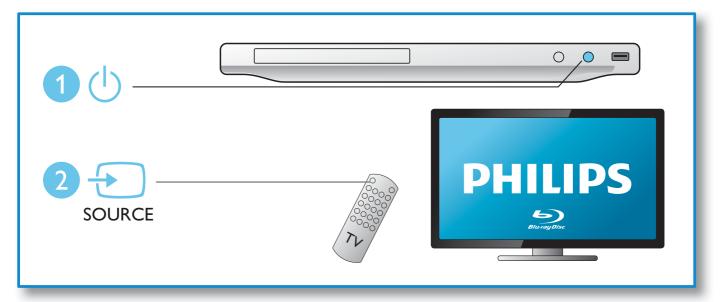




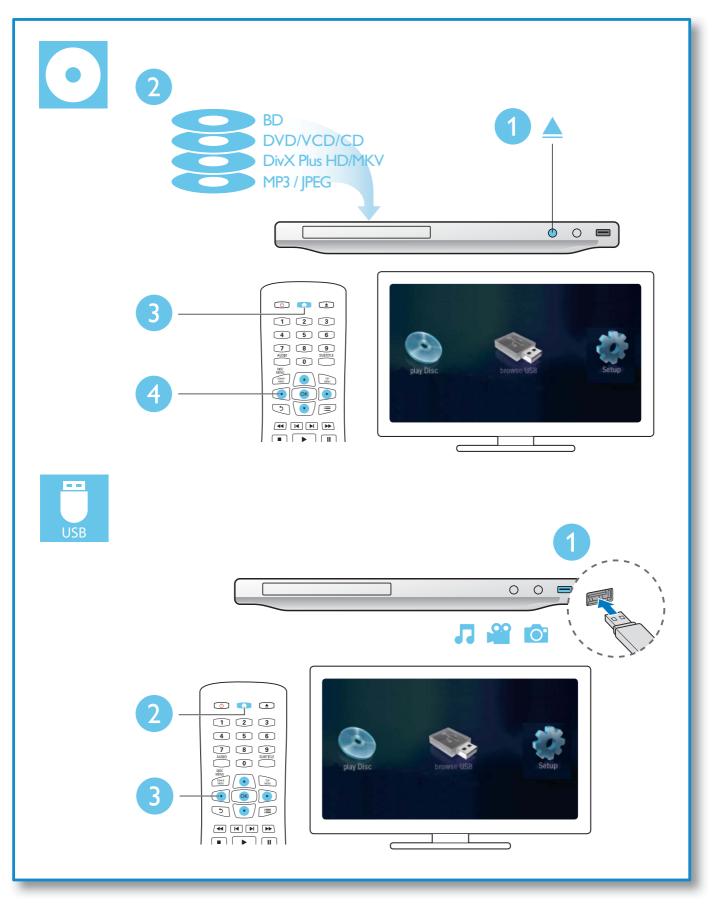












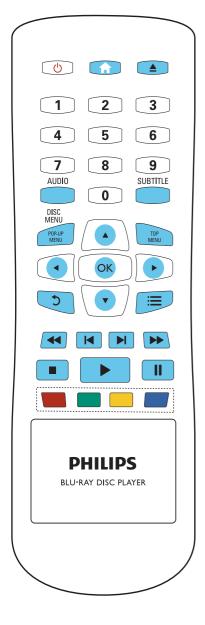
# Table of contents

1	Hookup and play	2-6
2	Use your Blu-ray disc player Basic play control Video, audio and picture options DivX videos Play a musical slideshow BonusView on Blu-ray BD-Live on Blu-ray Set up a network Use Philips EasyLink	8 8 9 11 11 12 12 12 13 14
3	Change settings Picture Sound Network (installation, status) Preference (languages, parental control) Advanced options (clear memory)	15 15 16 16 16 17
4	<b>Update software</b> Update software via the Internet Update software via USB	18 18 18 18
5	Specifications	19
6	Troubleshooting	21
7	Safety and important notice	23

# 2 Use your Blu-ray disc 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



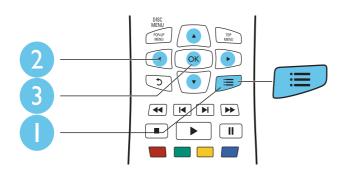
During play, press the following buttons to control.

Button	Action
A	Access the home menu.
<u>▲</u>	Open or close the disc compartment.
	Stop play.
11	Pause play. Press repeatedly to slow forward frame by frame.
•	Start or resume play.
◀ / ▶	Skip to the previous or next track, chapter or file.
<b>~~</b> / <b>&gt;&gt;</b>	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.
DISC MENU / POP-UP MENU	Access or exit the disc menu.
TOP MENU	Access the main menu of a video disc.
Color buttons	Select tasks or options for Blu-ray discs.
<b>AV4&gt;</b>	Navigate the menus. Press ▲▼ to rotate a picture clockwise or counter-clockwise during slideshow.
ОК	Confirm a selection or entry.
5	Return to a previous display menu.
<b>=</b>	Access more options during play.

## Video, audio and picture options

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

#### Video options



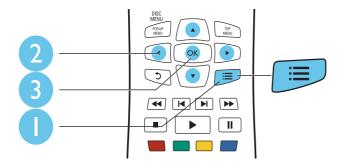
Access more options during video play.

- [Audio Language]: Select an audio language.
- [Subtitle Language]: Select a subtitle language.
- **[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.

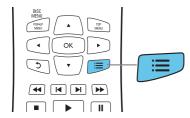
#### Picture options



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  $\blacksquare$  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 f, and select [Setup] > [Advanced] > [DivX® VOD Code].

#### **DivX** subtitles

- Press **SUBTITLE** to select a language.
- If the subtitle does not appear 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
[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
Note	

### 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 **5**, 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.

## 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 🚍
  - $\mapsto$  The options menu is displayed.
- 2 Select [PIP Selection] > [PIP], and press OK.
  - $\rightarrow$  PIP options [1]/[2] depend on the video contents.
  - $\mapsto$  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 ÚSB storage device with at least 1GB of free space to store the download.

## Set up a network

Connect this player to the Internet to access the services:

- BD-Live: access online bonus features (applicable to Blu-ray discs that are BD-Live enabled)
- **Update software:** update the software of this player via the Internet.
- 1 Connect this player to the Internet with a network cable (not supplied).



- 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.

# 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 A.
- 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 you play a disc on this player, the TV automatically switches to the correct video input source.

## 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.

# 3 Change settings

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





Video	TV Display	<ul> <li>16:9 Widescreen</li> </ul>
1000	HDMI Video	<ul> <li>Auto</li> </ul>
Audio	HDMI Deep Color	Auto
Network	Picture Settings	<ul> <li>Standard</li> </ul>
EasyLink		
Preference		
Advanced	1	

## - 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 希.
- 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.

#### - Note

• If you change a setting, make sure that the TV supports the new setting.

# Sound

## 1 Press A.

- 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).
- [Neo 6]: Enable or disable a surround sound effect which is converted from 2.0 channel audio.
- [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 encoded DVD and Blu-ray discs.

## Network (installation, status...)

- 1 Press 希.
- 2 Select [Setup] > [Network] to access the network setup options.
- **[Network Installation]**: Start a wired installation to make the network work.
- [View Network Settings]: Display the current network status.

# Preference (languages, parental control...)

## 1 Press 希.

- 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 30 minutes of inactivity (for example, in pause or stop mode).
- **[VCD PBC]**: Display or skip the content menu for VCD and SVCD.

#### - 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 **f**.

- 2 Select [Setup] > [Advanced] to access the advanced setup options.
- **[BD-Live Security]**: Restrict or allow access to BD-Live (only for non-commercial, userscreated BD-Live discs).
- [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.
- [Version Info.]: Display the software version of this player.
- **[Restore default settings]**: Reset this player to the default settings made at the factory.

#### B 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.
- You cannot reset a parental control setting to the default value.

# 4 Update software

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

• Press ♠, and then select [Setup] > [Advanced] > [Version Info.], 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].
  - $\rightarrow$  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\_ALL".
  - (2) Put the "UPG\_ALL" folder in the root directory.
- **3** Connect the USB storage device to the  $\leftarrow$  (USB) connector on this player.
- 4 Press ♠, and select [Setup].
- 5 Select [Advanced] > [Software Update] > [USB].
  - $\mapsto$  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.

# 5 Specifications

#### - Note

• Specifications are subject to change without notice

#### Region code

This player can play discs with the following region codes.

DVD	Blu-ray	Countries
		Europe, United Kingdom



#### Playable media

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

#### File format

- Video: .avi, .divx, .mp4, .mkv
- Audio: .mp3, .wav
- Picture: .jpg, .gif, .png

#### Video

- Signal system: PAL / NTSC
- HDMI output 480p, 576p, 720p, 1080i, 1080p, 1080p24

#### Audio

•

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

#### USB

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

#### Main unit

- Power supply rating: AC 230-240V~, 50 Hz
- Power consumption: 14 W
- Power consumption in standby mode: < 1 W
- Dimensions (w x h x d):  $360 \times 44 \times 210$  (mm)
- Net Weight: 1.26 kg

#### Accessories supplied

- Remote control and a battery
- User manual

#### Laser Specification

- Laser Type (Diode): AlGalnN (BD), AlGalnP (DVD/CD)
- Wave length: 405+7nm/-7nm (BD), 655+10nm/-10nm (DVD), 790+10/-20nm (CD)
- Output power (max ratings): 1.7mW (BD), 0.19mW (DVD), 0.25mW (CD)

# 6 Troubleshooting

• Risk of electric shock. Never remove the casing of the player.

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

#### 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 has an HDMI connector, and this player is connected to the TV with an HDMI cable.
- Make sure that the TV is switched to the correct source input for this player.
- Make sure that the HDMI cable is not faulty. If it is faulty, replace with a new HDMI cable.
- On the remote control, press **A** 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 TV has an HDMI connector, and this player is connected to the TV with an HDMI cable.
- Make sure that the TV is switched to the correct source input for this player.

#### 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  $DVD\pm RW$  or  $DVD\pm R$ , 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 drive), an external power source may be needed.

### 'No entry' or 'x' sign appears 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 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 player" >
   "Set up a network").
- Make sure that the network installation is made (see "Use your Blu-ray disc player" > "Set up a network").
- Make sure that the Blu-ray disc supports BD-Live features.
- Clear memory storage (see "Change settings" > "Advanced options (clear memory...)").

## Network

#### 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").

# 7 Safety and important notice

Read and understand all instructions before you use this Blu-ray disc player. If damage is caused by failure to follow the instructions, the warranty does not apply.

## Safety

#### Risk of electric shock or fire!

- Never expose the product and accessories to rain or water. Never place liquid containers, such as vases, near the product. If liquids are spilt on or into the product, disconnect it from the power outlet immediately. Contact Philips Consumer Care to have the product checked before use.
- Never place the product and accessories near naked flames or other heat sources, including direct sunlight.
- Never insert objects into the ventilation slots or other openings on the product.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Disconnect the product from the power outlet before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

#### Risk of short circuit or fire!

• Before you connect the product to the power outlet, make sure that the power voltage matches the value printed on the back or bottom of the product. Never connect the product to the power outlet if the voltage is different.

#### Risk of injury or damage to the product!

- Visible and invisible laser radiation when open. Avoid exposure to beam.
- Do not touch the disc optical lens inside the disc compartment.
- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power outlet.

#### Risk of overheating!

• Never install this product in a confined space. Always leave a space of at least four inches around the product for ventilation. Make sure that curtains or other objects never cover the ventilation slots on the product.

#### Risk of contamination!

- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Batteries contain chemical substances, so they should be disposed of properly.

#### Risk of swallowing batteries!

- The product/remote control may contain a coin type battery, which can be swallowed.
- Keep the battery out of reach of children at all times!



## Important notes for users in the U.K.

#### Mains fuse

This information applies only to products with a UK mains plug.

This product is fitted with an approved non-molded plug. If you replace the fuse, use one with:

- the ratings shown on the plug,
- a BS 1362 approval, and
- the ASTA approval mark.
   Contact your dealer if you are not sure about what type of fuse to use.
   Caution: To conform with the EMC directive (2004/108/EC), do not detach the plug from the power cord.

### How to connect a plug

The wires in the power cord are colored as follows: blue = neutral (N), brown = live (L). If the colors do not correspond with the colors on your plug, identify the terminals in your plug as follows:

- 1 Connect the blue wire to the terminal marked N or colored black.
- 2 Connect the brown wire to the terminal marked L or colored red.
- **3** Do not connect either wire to the earth terminal in the plug, marked E (or e) or colored green (or green and yellow).

Before you replace the plug cover, make sure that the cord grip is clamped over the sheath of the cable and not just over the two wires in the cable.

# 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

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.



Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.

Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

## Compliance

Community.

## Copyright



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.

#### Open source software

Philips Electronics Hong Kong Ltd. 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 offer 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 contact <u>open.source@philips.com</u>. If you prefer not to use email or if you do not receive confirmation receipt within a week after mailing to this email address, please write 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.



<sup>6</sup> 'Blu-ray Disc' and 'Blu-ray Disc' logo are trademarks.

HDMI, and HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC in the United States and other countries.

#### 

**DIGITAL PLUS** Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

# 🖲 dts-HD

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# Language Code

Abkhazian	6566
Afar	6565
Afrikaans	6570
Amharic	6577
Arabic	6582
Armenian	7289
Assamese	6583
Avestan	6569
Aymara	6589
Azerhaijani	6590
Bahasa Melayu	7783
Bashkir	6665
Belarusian	6669
Bengali	6678
Bihari	6672
Bislama	6673
Bokmål, Norwegian	7866
Bosanski	6683
Brezhoneg	6682
Bulgarian	6671
Burmese	7789
Castellano, Español	6983
Catalán	6765
Chamorro	6772
Chechen	6769
Chewa; Chichewa; Nyanj	
中文	9072
Chuang; Zhuang	9065
Church Slavic; Slavonic	6785
Chuvash	6786
Corsican	6779
Česky	6783
Dansk	6865
Deutsch	6869
Dzongkha	6890
English	6978
Esperanto	6979
Estonian	6984
Euskara	6985
Ελληνικά	6976
Faroese	7079
Français	7082
Frysk	7089
Fijian	7074
Gaelic; Scottish Gaelic	7168
Gallegan	7176
Georgian	7565
Gikuyu; Kikuyu	7573
Guarani	7178
Gujarati	7185
Hausa	7265
Herero	7290
Hindi	7273
Hiri Motu	7279
Hrwatski	6779
Ido	7379
Interlingua (Internationa	
Interlingue	7365
Inuktitut	7385

Inupiaq	7375
lrish	7165
Íslenska	7383
Italiano	7384
lvrit	7269
Japanese	7465
Javanese	7486
Kalaallisut	7576
Kannada	7578
Kashmiri	7583
Kazakh	7575
Kernewek	7587
Khmer	7577
Kinyarwanda	8287
Kirghiz	7589
Komi	7586
Korean	7579
Kuanyama; Kwanyama	7574
Kurdish	7585
Lao	7679
Latina	7665
Latvian	7686
Letzeburgesch;	7666
Limburgan; Limburger	7673
Lingala	7678
•	7684
Lithuanian	
Luxembourgish;	7666
Macedonian	7775
Malagasy	7771
	7285
Magyar	
Malayalam	7776
Maltese	7784
Manx	7186
Maori	7773
Marathi	7782
Marshallese	7772
Moldavian	7779
Mongolian	7778
Nauru	7865
Navaho; Navajo	7886
Ndebele, North	7868
Ndebele, South	7882
Ndonga	7871
Nederlands	7876
Nepali	7869
Norsk	7879
Northern Sami	8369
North Ndebele	7868
Norwegian Nynorsk;	7878
Occitan; Provencal	7967
Old Bulgarian; Old Slavonic	6785
-	
Oriya	7982
Oromo	7977
Ossetian; Ossetic	7983
Pali	8073
Panjabi	8065
Persian	7065
Polski	8076
	0070
Português	8084
Português	

Pushto	8083
Russian	8285
Quechua	8185
Raeto-Romance	8277
Romanian	8279
Rundi	8278
Samoan	8377
Sango	8371
Sanskrit	8365
Sardinian	8367
Serbian	8382
Shona	8378
Shqip	8381
Sindhi	8368
Sinhalese	8373
Slovensky	8373
Slovenian	8376
Somali	8379
Sotho; Southern	8384
South Ndebele	7882
Sundanese	8385
Suomi	7073
Swahili	8387
Swati	8383
Svenska	8386
Tagalog	8476
Tahitian	8489 8471
Tajik Tamil	8465
Tatar	8484
Telugu	8469
Thai	8472
Tibetan	6679
Tigrinya	8473
Tonga (Tonga Islands)	8479
Tsonga	8483
Tswana	8478
Türkçe	8482
Turkmen	8475
Twi	8487
Uighur	8571
Ukrainian	8575
Urdu	8582
Uzbek	8590
Vietnamese	8673
Volapuk	8679
Walloon	8765
Welsh	6789
Wolof	8779
Xhosa	8872
Yiddish	8973
Yoruba	8979
Zulu	9085

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#

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#

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/\* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.3, July 18th, 2005

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\*/

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