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BDP5200



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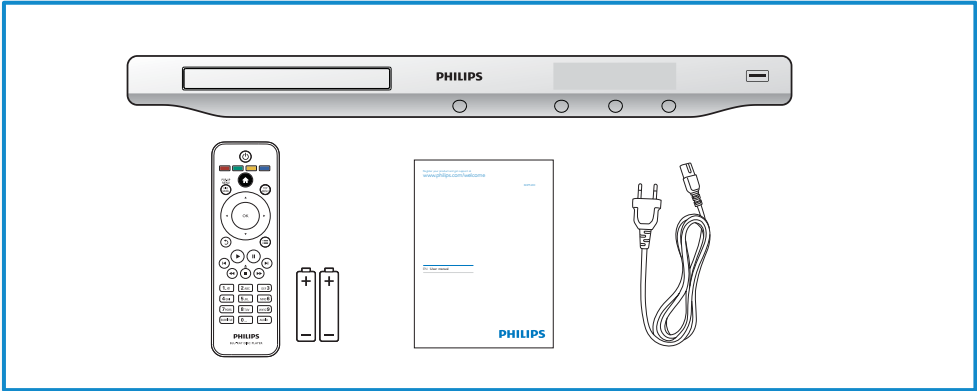
EN User manual

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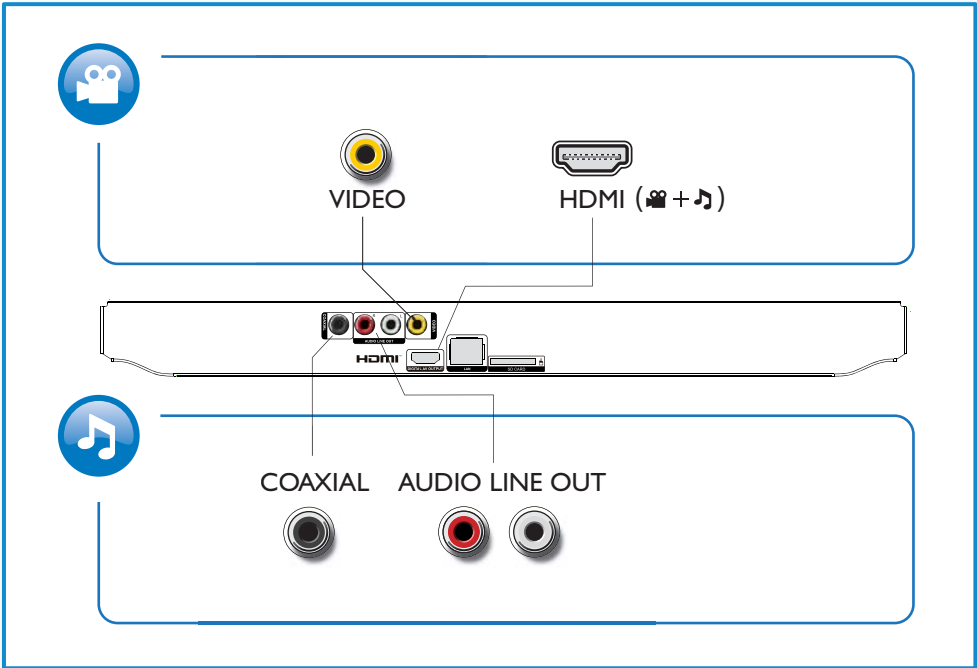
**PHILIPS**



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



# 1



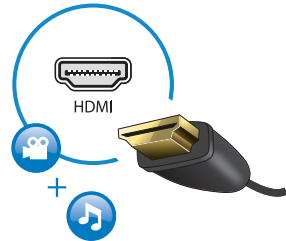
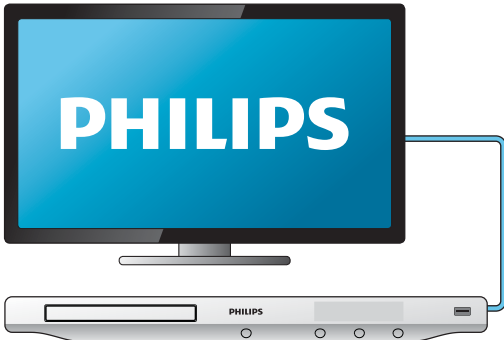
2



## 1 HDMI



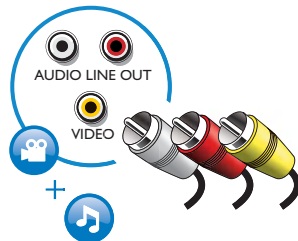
HDMI  VIDEO  COAXIAL  AUDIO LINE OUT



## 2 VIDEO+AUDIO LINE OUT

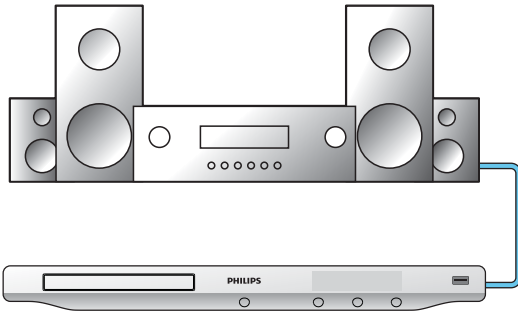


HDMI  VIDEO  COAXIAL  AUDIO LINE OUT



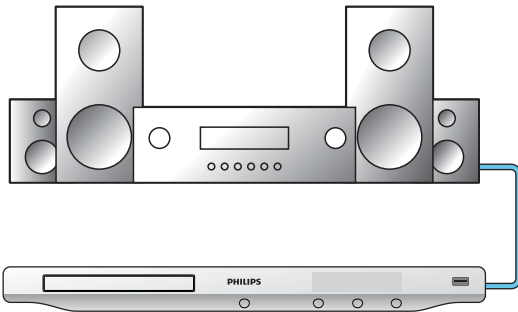
# 3 COAXIAL

○HDMI ○VIDEO ●COAXIAL ○AUDIO LINE OUT

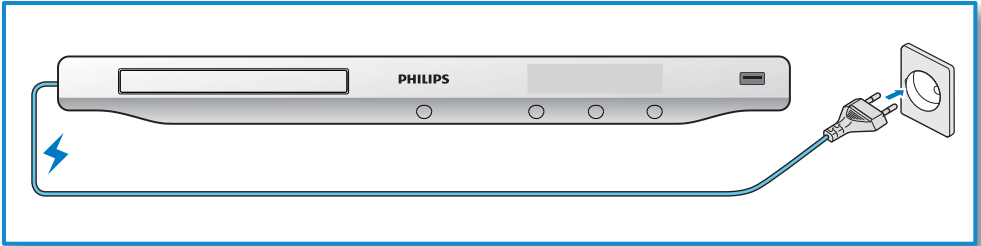


# 4 AUDIO LINE OUT

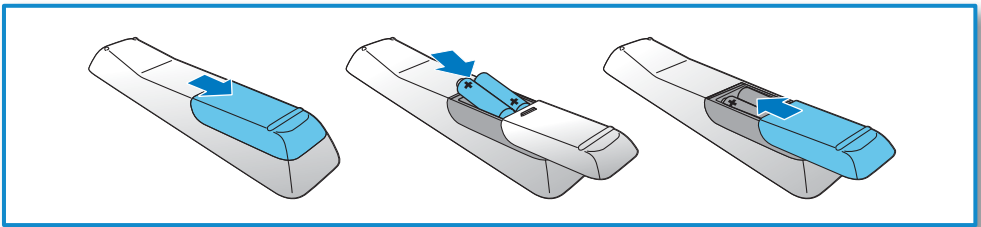
○HDMI ○VIDEO ○COAXIAL ●AUDIO LINE OUT



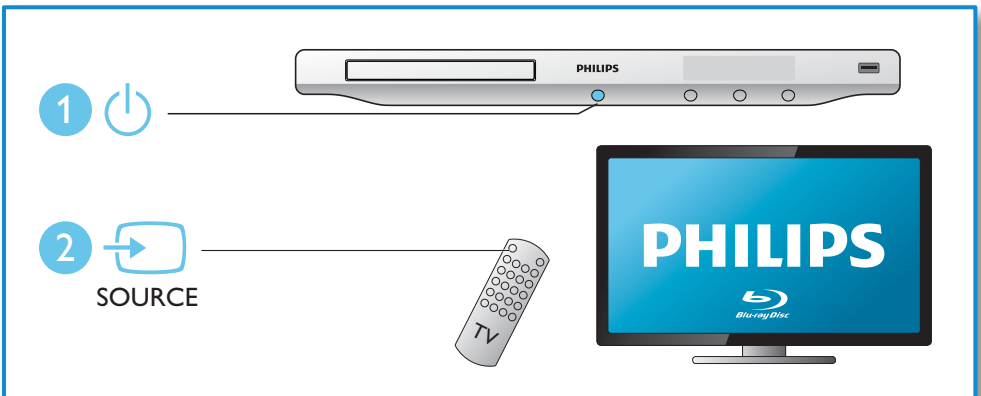
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5



# 6



2

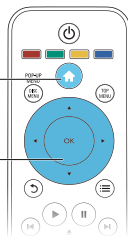
BD/BD 3D  
DVD/VCD/CD  
DivX Plus HD/MKV  
MP3 / JPEG

1

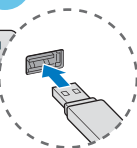


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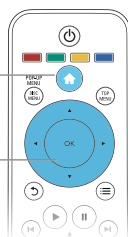


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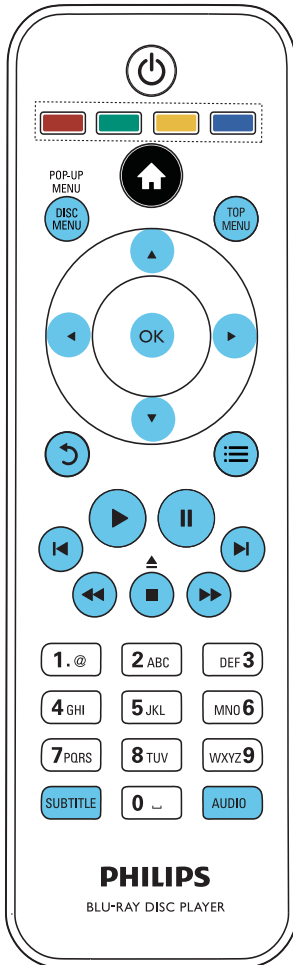
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## 2 Use your Blu-ray disc/ DVD player

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](http://www.philips.com/welcome).

### Basic play control



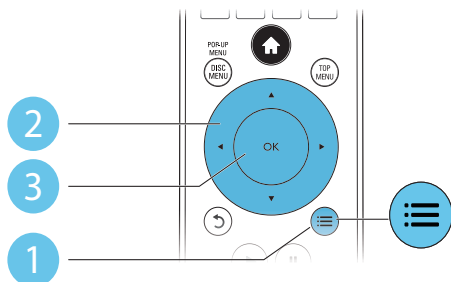
During play, press the following buttons to control.

| Button                         | Action   |
|--------------------------------|--|
| ▲ / ■                          | Stop play.<br>Press and hold (more than 4 seconds) to open or close the disc compartment.                                    |
| ⏸                              | Pause play.<br>Press repeatedly to slow forward frame by frame.  |
| ▶                              | Start or resume play.  |
| ⏮ / ⏭                          | Skip to the previous or next track, chapter or file.   |
| ⏪ / ⏩                          | Fast backward or forward.<br>Press repeatedly to change the search speed.<br>Press ⏸ once, and then press ⏩ to slow forward. |
| <b>AUDIO</b>                   | Select an audio language or channel.   |
| <b>SUBTITLE</b>                | Select a subtitle language.  |
| <b>DISC MENU / POP-UP MENU</b> | Access or exit the disc menu.  |
| <b>TOP MENU</b>                | Access the main menu of a video disc.  |
| <b>Color buttons</b>           | Select tasks or options for Blu-ray discs.   |
| ▲ ▼ ◀ ▶                        | Navigate the menus.<br>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.   |

## 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.

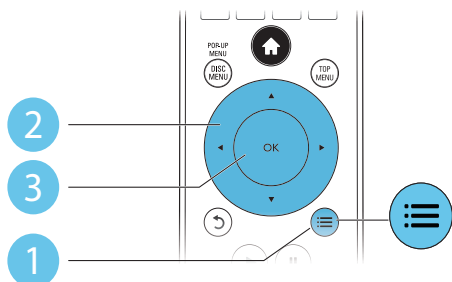
- **[Audio Language]:** Select an audio language.
- **[Subtitle Language]:** Select a subtitle language.
- **[Subtitle Shift]:** Change the subtitle position on the screen. Press ▲▼ to change the subtitle position.
- **[Info]:** Display play information.
- **[Character Set]:** Select a character set 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.

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## Picture options

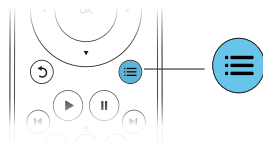


Access more options during slideshow.

- **[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, a USB storage device, or an online video store (see “Rent online videos”).

### VOD code for DivX

- Before you purchase DivX videos and play them on this player, register this player on [www.divx.com](http://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  |
|------------------------------|--|
| <b>[Standard]</b>            | English, Albanian, Danish, Dutch, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish |
| <b>[Chinese]</b>             | Simplified Chinese   |
| <b>[Chinese-Traditional]</b> | Traditional Chinese  |
| <b>[Korean]</b>              | English and Korean   |

### ≡ Note

- To play DivX DRM protected files from a USB storage device, or an online video store, 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.

## RMVB or RM file

You can play RMVB or RM files from a disc or a USB storage device.

An Real Media Variable Bitrate (RMVB) and RealMedia (RM) file contains both audio and video. You can copy an RMVB or RM file from our computer onto a recordable disc or USB storage device. And play them from this player:

### ≡ Note

- Make sure that the file extension must be “.RMVB”, or “.RM”.

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## 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.

---

## 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**.

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## 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 or SD card to this player.
  - A USB storage device or SD card is used to store the downloaded BD-Live content.
- 3 Select a USB storage device or SD card to store: press **▲**, and select **[Setup] > [Advanced] > [Local Storage]**.
  - To delete the BD-Live previously downloaded on the USB storage device or SD card for memory release, press **▲**, and select **[Setup] > [Advanced] > [Clear memory]**.
- 4 Play a disc that is BD-Live enabled.
- 5 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.
- 6 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 or SD card with at least 1GB of free space to store the download.

## Play a Blu-ray 3D video

Before you start, make sure that:

- the TV is 3D compliant, and is connected to this player through HDMI
- the disc is a Blu-ray 3D disc
- you have 3D glasses compatible with the TV.

- 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 play 3D video in 2D, turn off Blu-ray 3D output (press **⬆**, and select **[Setup] > [Video] > [Watch 3D video] > [Off]**).

## Set up a network

Connect this player to a computer network and the Internet to access the services:

- **Browse PC (DLNA):** play photos, music, and video files streamed from your computer.
- **Browse Net TV:** access online services, such as pictures, music and video stores.
- **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).

- 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** connector on the back panel of this player.
  - For Wi-Fi, this player has a built-in Wi-Fi for a wireless connection.



## 2 Perform the network installation.

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- 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. If necessary, use the Alphanumeric buttons on the remote control to enter a password.
- 



### Caution

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

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## iPhone

With an iPhone screen as a remote control, you can browse and play media files of a disc or USB storage device in this player.

### What you need

- Download the smartphone control application for Philips from the iTunes store to your iPhone.
- Connect this player to a home network (see "Set up a network").
- Connect your iPhone to the same home network (see the user manual of the iPhone for details).

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### iPhone control

- 1 Insert a disc or USB storage device into this player.
- 2 On the iPhone screen, tap the smartphone control icon.
  - If the control icon is not displayed, download the smartphone control application for Philips to the iPhone.
  - After a search, the name of this player is displayed.
- 3 Select this player from the iPhone screen.
  - ↳ The iPhone used as a remote control for this player is enabled.
  - ↳ The control buttons are displayed on the iPhone screen, and control functions can vary from play modes.
- 4 From the iPhone screen, touch the source tab, and then select the DISC or USB option.
  - ↳ The folders in the disc or USB storage device are displayed.
- 5 Open a folder, and select a file to play.
- 6 Tap the control buttons on the iPhone screen to control the play.
  - To exit the application, press the home button on the iPhone.



## Browse PC (DLNA)

With this DLNA-certified player connected to a computer network, you can play video, music, and photo from a computer:



### Note

- To browse a PC, make sure that a DLNA media server software (such as Windows Media Player 11 or higher) is installed on the PC.

- 1 Connect this player to a computer network (see “Set up a network”).
- 2 On the PC, in the software of the DLNA media server (such as Windows Media Player 11 or higher), you need to set:
  - ① **Share my media to this player** (see “Help” document in the media server software).
  - ② **Share files or add files to the library** (see “Help” document in the media server software).
- 3 Press **▲**.
- 4 Select **[browse PC]**, and press **OK**.
  - ↳ A content browser is displayed.
- 5 Select a file, and press **OK** to play.
  - You may control play with the disc play features.

# Browse Net TV

With this player connected to the Internet, you can access online Net TV services, such as movies, pictures, music, and games.



## Note

- Koninklijke Philips Electronics N.V. bears no responsibility for content provided by Net TV service providers.

- 1 Connect this player to the Internet (see "Set up a network").
- 2 Press .
- 3 Select **[browse Net TV]**, and press **OK**.  
↳ The Net TV home page is displayed.
- 4 Follow the onscreen instructions, and use the remote control to browse Net TV.

| Button | Action  |
|--------|---|
|        | Select a service or item.   |
| OK     | Confirm a selection.  |
|        | Return to a previous page, or delete input text.                  |
|        | Access options related to a current activity.                     |
|        | Input numbers or letters (such as an email address and password). |

To remove the passwords and cookies from this player, see the section: **Change settings > Network (installation, Net TV...)**.

## Rent online videos

Rent videos from online stores through this player:

### What you need

- A high-speed Internet connection to this player.
- An HDMI connection between this player and the TV.
- An SD memory card of type SDHC Class 6, with at least 4 GB memory.



### Note

- Use a blank SD card. Formatting a SD card erases any content on the SD card.
- This service is country dependent.

- 1 Connect this player to the Internet (see "Set up a network").
- 2 Insert a blank SD card into the **SD CARD** connector located on the rear panel of this player.
- 3 Press **▲**.
- 4 Select **[browse Net TV]> Video stores**.
- 5 Select a video store, and follow the onscreen instructions to rent and watch a video.
  - ↳ The video is downloaded to the SD card. You can watch it now or at any time within the rental period.
  - ↳ For the downloaded video on the SD card, you can watch it only on this player.
- 6 Use the remote control to play and control the video.

## 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 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.



## 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.

## 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.
- For the composite connection (via the **VIDEO** connector), select a video resolution of 480i/576i or 480p/576p under **[HDMI Video]** to enable video output.

## 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).
  - **[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, Net TV...)

- 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.
  - **[Clear Net TV Memory]**: Clear the history of Net TV browser (such as cookies).
  - **[Name your Product:]**: Enable to re-name this player for display when this player is connected to a network (only for iPhone control).

## 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.
- **[Display Panel]:** Change the brightness of the display panel of the player.
- **[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).
- **[Fast wake up]:** Enable or disable the player to wake up faster from standby. If fast wakeup is turned off, less power is consumed during standby.
- **[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.

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## 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).
- **[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 or SD card. A "BUDA" folder is automatically created to store the BD-Live download.
- **[Local Storage]:** Select a USB storage device or SD card to store the downloaded BD-Live files.
- **[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, 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](http://www.divx.com) with the DivX VOD code.

## 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]**.  
↳ 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.

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### Update software via USB

- 1 Check the latest software version on [www.philips.com/support](http://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 **↔ (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.

# 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              |
|--|---|------------------------|
|   |  | Australia, New Zealand |

## Playable media

- 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 format

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

## Video

- Signal system: PAL / NTSC
- Composite video output: 1 Vp-p (75 ohm)
- HDMI output 480p, 576p, 720p, 1080i, 1080p, 1080p/24

## Audio

- 2 Channel analog output
  - Audio Front L&R : 2 Vrms (> 1 kohm)
- 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



**USB**

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

**Main unit**

- Power supply rating: AC 110V - 240V~, 50/60 Hz
- Power consumption: 18 W
- Power consumption in standby mode (fast wakeup disabled): < 0.18 W
- Dimensions (w x h x d): 435 x 42 x 208.5 (mm)
- Net Weight: 1.65 kg

**Accessories supplied**

- Remote control and batteries
- User manual
- AC power cable

**Laser Specification**

- Laser Type (Diode): AlGaInN (BD), AlGaInP (DVD/CD)
- Wave length: 400 ~ 410nm (BD), 650 ~ 663nm (DVD), 770 ~ 800nm (CD)
- Output power (Max ratings): 20mW (BD), 7mW (DVD), 7mW (CD)

# 6 Troubleshooting



## Warning

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

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/welcome](http://www.philips.com/welcome).

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.
- For the composite connection (via the **VIDEO** connector) to the TV, on this player select a video resolution of 480i/576i or 480p/576p under **[HDMI Video]** to enable video output.

### 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 or a network, 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 portable hard disc drive (HDD), 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”).

### Net TV 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).

### Browse PC and Net TV 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).

# 7 Safety and important notice

Read and understand all instructions before you use this Blu-ray disc/ DVD 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, ensure 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, 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!

**CLASS 1  
LASER PRODUCT**

---

## 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



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

Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products and batteries. The correct disposal of these products helps prevent potentially negative consequences on the environment and human health.

Your product contains batteries, which cannot be disposed of with normal household waste.

Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.

Please visit [www.recycle.philips.com](http://www.recycle.philips.com) for additional information on a recycling center in your area.

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Respect copyrights

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### Notes to End User :

By using this product with RealNetworks software and services, the end user agrees to the following terms of REALNETWORKS, INC:

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- End User is not allowed to modify, translate, reverse engineer, decompile, disassemble or use other means to discover the source code or otherwise replicate the functionality of the Real Format Client Code, except to the extent that this restriction is expressly prohibited by applicable law.
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DivX Certified® to play DivX® and DivX Plus™ HD (H.264/MKV) video up to 1080p HD including premium content.





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In this warranty:

**We or us** means Philips Electronics Australia Limited ACN 008 445 743 or Philips New Zealand Limited (Company Number 1723), and our contact details are set out at the end of this warranty;

**You** means the purchaser or the original end-user of the Goods;

**Supplier** means the authorised distributor or retailer of the Goods that sold you the Goods in Australia or New Zealand; and

**Goods** means the product or equipment which was accompanied by this warranty and purchased in Australia or New Zealand.

If you require assistance with the operation of the product, its features or specifications please call the Philips Consumer Care Centre on 1300 363 391 in Australia or 0800 658 224 in New Zealand.

**Australia:** Our Goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. This is not a complete statement of your legal rights as a consumer.

**New Zealand:** Our Goods come with guarantees that cannot be excluded under the Consumer Guarantees Act 1993. This guarantee applies in addition to the conditions and guarantees implied by that legislation.

### Additional Warranty:

In addition to the rights and remedies that you have under the Australian Consumer Law, Consumer Guarantees Act of New Zealand or any other applicable law, we provide the following warranty against defects:

1. If, during the first 12 months from their date of purchase from the Supplier (**Warranty Period**), the Goods prove defective by reason of improper workmanship or materials and none of your statutory rights or remedies apply, we will repair or replace the Goods without charge.
2. We do not have to repair or replace the Goods under this Additional Warranty if the Goods have been used for a commercial purpose; misused, improperly or inappropriately installed, operated or repaired; abused; damaged; or not maintained in accordance with the manufacturer's instructions.
3. Even when we do not have to repair or replace the Goods, we may decide to do so anyway. In some cases, we may decide to substitute the Goods with a similar alternative product of our choosing. All such decisions are at our absolute discretion.
4. All such repaired, replaced or substituted Goods continue to receive the benefit of this Additional Warranty for the time remaining on the original Warranty Period.
5. This Additional Warranty is limited to repair, replacement or substitution only. As far as the law permits, we will not be liable for any loss or damage caused to property or persons arising from any cause whatsoever.
6. In order to claim under this Additional Warranty you must telephone us on 1300 363 391 in Australia or 0800 658 224 in New Zealand within the Warranty Period. You will be asked for details of the Goods, a description of the defect and your personal details. Upon accepting your claim, we shall assist you with either returning the Goods to the Supplier for replacement or to the most convenient Philips Authorised Service Centre for your Goods to be repaired. In some case we may require that you return to the Goods to us (at the address below) for repair, replacement or substitution.
  - \* All returned Goods must be accompanied by satisfactory proof of purchase which clearly indicates the name and address of the Supplier, the date and place of purchase and identifies product. It is best to provide a legible and unmodified receipt or sales invoice.
  - \* You must bear any expense for return of the Goods or otherwise associated with making your claim under this Additional Warranty.
7. This warranty is only valid and enforceable in Australia and New Zealand.

Contact us or the place of purchase for further details.

Philips Electronics Australia Limited  
Level 1, 65 Epping Rd,  
North Ryde, SYDNEY NSW 2113  
**Consumer Care:** 1300 363 391  
**E-mail:** [pceinfo.australia@philips.com](mailto:pceinfo.australia@philips.com)  
**Website:** [www.philips.com/support](http://www.philips.com/support)

Philips New Zealand Limited  
Level 2, 1 Nugent St,  
Grafton, AUCKLAND, 1023  
**Consumer Care:** 0800 658 224  
**Email:** [pceinfo.australia@philips.com](mailto:pceinfo.australia@philips.com)  
**Website:** [www.philips.com/support](http://www.philips.com/support)

## 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 |
| Azerhijani                  | 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 Slav; 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 | Türkmen               | 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 | Volof                 | 8779 |
| Gujarati                    | 7185 | Occitan; Provençal          | 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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Instructions to obtain source code for this software can be found in the user manual, or in the supplied safety leaflet (if available).

## 1. U-boot

```
#
# (C) Copyright 2000 - 2008
# Wolfgang Denk, DENX Software Engineering, wd@denx.de.
#
# See file CREDITS for list of people who contributed to this
# project.
#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the GNU General Public License as
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# the License, or (at your option) any later version.
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# along with this program; if not, write to the Free Software
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# MA 02111-1307 USA
#
A copy of the GPL is included below at item 2.
```

## 2. Linux kernel

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Linus Torvalds

-----  
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Version 2, June 1991

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```
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```

```
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```

```
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```

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```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
```

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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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A "png\_get\_copyright" function is available, for convenient use in "about" boxes and the like:

```
printf("%s",png_get_copyright(NULL));
```

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Glenn Randers-Pehrson

glennrp at users.sourceforge.net

December 3, 2009

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