


**Philips**

Blu-ray Disc/DVD player

- 3D Blu-ray Disc playback
- DivX Plus HD
- USB2.0 Media Link

BDP2190/12

# Enjoy the 3D experience at home

## With Blu-ray 3D

This Philips Blu-ray DVD player has stunning 3D effect and 1080p up-conversion to provide picture depth and action that leap off the screen and draw you deep into the viewing experience, even on DVD!

### Benefits

#### Engage more

- Enjoy all your movies and music from CDs and DVDs
- BD-Live (Profile 2.0) to enjoy online Blu-ray bonus content
- EasyLink to control all HDMI CEC devices via a single remote
- USB 2.0 plays video/music from USB flash/hard disk drive

#### Hear more

- Dolby TrueHD for high fidelity sound
- DTS2.0 Digital Out

#### See more

- Blu-ray 3D Disc playback for a full HD 3D experience at home
- DivX Plus HD Certified for high-definition DivX playback
- Full HD 1080p for razor sharp images
- DVD video upscaling to 1080p via HDMI for near-HD images
- Subtitle Shift for widescreen without any missing subtitles

PHILIPS

# Features

## Enjoy movies and music



## Blu-ray 3D Disc playback



Full HD 3D provides the illusion of depth for a heightened, realistic cinema viewing experience at home. Separate images for the left and right eyes are recorded in 1920 x 1080 full HD quality and alternately played on screen at a high speed. By watching these images through special glases that are timed to open and close the left and right lenses in synchronisation with the alternating images, the full-HD 3D viewing experience is created.

## BD-Live (Profile 2.0)



BD-Live opens up your world of high definition even further. Receive up-to-date content just by connecting your Blu-ray Disc player to the Internet. Exciting new things like exclusive downloadable content, live events, live chats, gaming and on-line shopping all await you. Ride the high definition wave with Blu-ray Disc playback and BD-Live

## DivX Plus HD Certified



DivX Plus HD on your Blu-ray player and/or DVD player offers the latest in DivX technology to let you enjoy HD videos and movies from the Internet directly on your Philips HDTV or PC. DivX Plus HD supports the playback of DivX Plus content (H.264 HD video with high-quality AAC audio in an MKV file container) while also supporting previous versions of DivX video up to 1080p. DivX Plus HD for true HD digital video.

## Full HD 1080p



Blu-ray Discs have the capacity to carry high definition data, along with pictures in the 1920 x 1080 resolution that defines full high definition images. This can only mean you get the best possible TV picture quality available today — so prepare to feast your eyes.

## Dolby TrueHD



Dolby TrueHD delivers the finest sound from your Blu-ray Discs. Audio reproduced is virtually indistinguishable from the studio master, so you hear what the creators intended for you to hear. Dolby TrueHD completes your high definition entertainment experience.

## DVD video upscaling




HDMI 1080p upscaling delivers images that are crystal clear. DVD movies in standard definition can now be enjoyed in high definition resolution - ensuring more details and more true-to-life pictures. Progressive Scan (represented by "p" in "1080p') eliminates the line structure prevalent on TV screens, again ensuring relentlessly sharp images. To top it off, HDMI makes a direct digital connection that can carry uncompressed digital HD video as well as digital multi-channel audio, without conversions to analogue - delivering perfect picture and sound quality, completely free from noise.

## EasyLink



EasyLink lets you control multiple devices like DVD players, Blu-ray players, soundbar speakers, home cinema systems and TVs with one remote. It uses HDMI CEC industry-standard protocol to share functionality between devices through the HDMI cable. With one touch of a button, you can operate all your connected HDMI CEC enabled equipment simultaneously. Functions like standby and play can now be carried out with absolute ease.

## Subtitle Shift




Subtitle Shift is an enhancement feature that lets users manually adjust a movie's subtitle positioning on the television or computer screen. Using the remote control, users can shift the subtitles up and down on the screen. On widescreen displays, such as 21:9 cinema and projectors, the subtitles sometimes get cut off. In order to see them clearly, the user has to change the display aspect ratio, which defeats the purpose of the widescreen. With the Subtitle Shift feature, the user can retain the correct display aspect ratio and have the subtitles ideally positioned on the screen.

## USB 2.0

The Universal Serial Bus or USB is an industry standard that allows high-speed, easy connection of peripherals to PCs, consumer electronics and mobile products. The USB 2.0 provides better and faster performance - up to 40 times quicker than the USB 1.0 and with a data transfer rate of up to 480 Mbps from the original 12 Mbps. When plugged in, everything configures automatically. With USB 2.0, simply plug in your USB portable devices or hard disk drives, select the movie, music or photo and play away.

# Specifications

*Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.*

## Picture/Display

| | |
|---|---|
| Aspect ratio | 16:9<br>21:9<br>4:3 |
| D/A converter | 12 Bit/148 MHz |
| Picture enhancement | High Def (720p, 1080i, 1080p)<br>Progressive scan<br>Video upscaling |

## Sound

| | |
|---|---|
| Sound Enhancement | Night Mode |
| Sound System | Dolby Digital Plus<br>Dolby True HD<br>DTS 2.0 + Digital out |

## Video Playback

| | |
|---|---|
| BD Region Code | B |
| Compression formats | DivX Plus™ HD<br>H.264<br>MPEG2<br>MPEG4 (AVC)<br>XviD<br>MPEG1 |
| Disc Playback Modes | A-B Repeat<br>Angle<br>Disc Menu<br>Pause<br>Repeat<br>Resume Playback from Stop<br>Search forward/reverse<br>Skip<br>Slow Forward<br>Standard Play<br>Zoom |
| DVD Region Code | 2 |
| Video Enhancement | Deep Color<br>Progressive Scan<br>Video Upscaling<br>x.v. Colour |

## Audio Playback

| | |
|---|---|
| Compression format | AAC<br>MP3<br>PCM<br>WAV<br>WMA |

## Still Picture Playback

| | |
|---|---|
| Compression format | GIF<br>JPEG<br>JPEG HD<br>JPEG Progressive<br>PNG |
| Picture Enhancement | Rotate<br>Slideshow with music playback<br>Zoom |

## File Format

| | |
|---|---|
| Audio | aac<br>mka<br>mp3<br>wma |
| Picture | GIF<br>JPEG<br>JPG |
| Video | avi<br>DivX<br>m2ts<br>mkv<br>mp4<br>mpeg<br>mpg |

## Optical Playback Media

| | |
|---|---|
| Playable Discs | AVCHD<br>BD<br>BD R/BD RE<br>CD<br>CDDA<br>CD-R/CD-RW<br>DVD<br>DVD +R/+RW<br>DVD -R/-RW<br>SVCD<br>VCD |

## Connectivity

| | |
|---|---|
| Front Connections | USB 2.0 |
| Rear Connections | Digital coaxial out<br>Ethernet<br>HDMI output |

## Convenience

| | |
|---|---|
| BD-Live (1 GB USB memory needed) | yes |
| Child Protection | Parental Control |
| EasyLink (HDMI-CEC) | 21:9 format subtitle support<br>One touch play<br>One touch standby<br>Remote Control-Passthrough |
| Firmware upgrade-able | Firmware upgradeable via USB<br>Online firmware upgrade |
| On-Screen Display languages | English |

## Power

| | |
|---|---|
| Power consumption | 11 W |
| Power supply | 220-230 V<br>50 Hz |
| Standby power consumption | < 1 W |

## Dimensions

| | |
|---|---|
| Packaging (W x H x D) | 315 x 81 x 259 mm |
| Product (W x H x D) | 270 x 41 x 199 mm |
| Product weight | 1.02 kg |
| Weight incl. Packaging | 1.3 kg |

## Accessories

| | |
|---|---|
| Included accessories | 2 x AAA Batteries<br>CD-R (User Manual)<br>Product Registration Card<br>Quick start guide<br>Remote Control |

## Product dimensions

| | |
|---|---|
| Height | 4.1 cm |
| Width | 27 cm |
| Depth | 19.93 cm |
| Weight | 0.91 kg |

## Packaging dimensions

| | |
|---|---|
| Packaging type | Carton |
| Number of products included | 1 |
| Type of shelf placement | Laying |
| Height | 25.9 cm |
| Width | 31.5 cm |
| Depth | 8.1 cm |
| Gross weight | 1.3 kg |

| | |
|---|---|
| Net weight | 1.02 kg |
| Tare weight | 0.28 kg |
| EAN | 48 95185 60851 8 |

## Outer Carton

| | |
|---|---|
| Number of consumer packages | 1 |
| Length | 31.5 cm |
| Width | 25.9 cm |
| Height | 8.1 cm |
| Gross weight | 1.3 kg |
| Net weight | 1.02 kg |
| Tare weight | 0.28 kg |
| EAN | 48 95185 60851 8 |

data subject to change
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