

Philips Blu-ray Disc player

Net TV WiFi-Ready DivX Plus HD

BDP5160

# Enjoy Blu-ray and your favorite PC videos.

## The real Blu-ray experience

Get the most out of your HD TV with full HD 1080p Blu-ray Disc playback and online bonus content with this Philips DVD Player BDP5160. Be ready for Wi-Fi and enjoy your PC videos via DLNA. Experience enhanced DivX HD video playback.

## See more

- Net TV Ready\* for popular online services on your TV
- DivX Plus HD Certified for high definition DivX playback
- DLNA Network Link to enjoy photos and videos from your PC
- Subtitle Shift for widescreen without any missing subtitles
- Blu-ray Disc playback for sharp images in full HD 1080p
- 1080p at 24 fps for cinema-like images
- DVD video upscaling to 1080p via HDMI for near-HD images

## Hear more

• Dolby TrueHD and DTS-HD MA for HD 7.1 surround sound

## **Engage more**

- BD-Live (Profile 2.0) to enjoy online Blu-ray bonus content
- Hi-Speed USB 2.0 Link plays video/music from USB flash drive
- WiFi-n Ready\* for faster, wider wireless performance
- EasyLink to control all HDMI CEC devices via a single remote



# Highlights

### **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.

## **Dolby TrueHD and DTS-HD MA**



DTS-HD Master Audio and Dolby TrueHD delivers 7.1 channels of 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. DTS-HD Master Audio and Dolby TrueHD complete your high definition entertainment experience.

### **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 direct to 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.

## **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

## 1080p at 24 fps



Bring true cinema experience into your living room with 24 frames-per-second video.

Original films are all recorded at this frame rate, providing an ambience and image texture that is so unique. Philips Blu-ray Disc players are equipped to bring you 24fps directly from Blu-ray Discs - thus giving you sensational cinema-like high definition images that will astound you.-

## Hi-Speed USB 2.0 Link



The Universal Serial Bus or USB is a protocol standard that is conveniently used to link PCs, peripherals and consumer electronic equuipment. Hi-Speed USB devices have a data transfer rate of up to 480 Mbps - up from the 12 Mbps in original USB ones. With Hi-Speed USB 2.0 Link, all you have to do is plug in your USB device, select the movie, music or photo and play away.

## **DLNA Network Link**



The DLNA Network link provides easy access to personal photos, music, videos or movies on your PC or Home Network. It uses the Ethernet (LAN) connection with DLNA protocol that assures that DLNA certified products will work together seamlessly. By connecting your Blu-ray Disc player to your home network, you will be able to access information from all DLNA certified devices. You can access your world of entertainment at a simple push of a button with the intuitive user interface, that is designed for easy browsing.

















## Specifications

### Picture/Display

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

## Video Playback

- Playback Media: BD Video, BD-ROM, BD-R/RE 2.0, DVD, DVD-Video, DVD+R/+RW, DVD-R/-RW, Video CD/SVCD, CD-R/CD-RW, USB flash drive, DivX, CD
- Compression formats: DivX Plus™ HD, MKV, H.264, VC-1, MPEG2, XviD, AVCHD, WMV
- Disc Playback Modes: Standard Play, Pause, Search forward/reverse, Slow Forward, Resume Playback from Stop, Skip, Disc Menu, Repeat, A-B Repeat, Zoom, Angle
- Video Enhancement: Deep Color, x.v. Color, Video Upscaling, Progressive Scan
- BD Region Code: B
- DVD Region.: 2

#### Sound

- Sound System: DTS-HD Master Audio, Dolby True HD, Dolby Digital Plus, DTS, Dolby Digital
- Signal to noise ratio: 105 dB
- Dynamic Range (1kHz): 95 dB
- Frequency response: (20kHz) ±0.5dB (Max./Min. 2ch, DVD) Hz
- D/A converter: 24 bit, 192 kHz

## **Audio Playback**

- Playback Media: CD, CD-R/RW, MP3-CD, MP3-DVD, USB flash drive
- Compression format: DTS, Dolby Digital, MP3, PCM, WMA, AAC

## **Digital Photo Playback**

- Playback Media: CD-R/RW, DVD+R/+RW, DVD-R/-RW, USB flash drive
- Picture Compression Format: JPEG
- Picture Enhancement: High Definition Resolution, Slideshow, Rotate, Zoom, Slideshow with MP3 playback

### Connectivity

- Rear Connections: HDMI output, Component Video output, Digital coaxial out, Composite video (CVBS) output, Analog audio Left/Right out, Ethernet, USB: Philips WiFi adaptor only
- Front / Side connections: USB 2.0
- Network connections: Wi-Fi Ready (802.11 g/n)\*
- PC network link: DLNA 1.5 certified

### **Convenience**

- EasyLink (HDMI-CEC): One touch play, One touch standby
- On-Screen Display languages: English, German, French, Dutch, Italian, Portuguese, Spanish, Danish, Finnish, Polish, Swedish, Norwegian, Turkish, Czech, Greek, Russian
- Child Protection: Parental Control
- BD-Live(1GB USB memory needed)
- Firmware upgradeable: Firmware upgradeable via USB, Online firmware upgrade
- · Online services: Net TV

#### **Accessories**

- Included accessories: Audio/Video cable, User Manual, CD-R (User Manual), Quick start guide, Product Registration Card, Remote Control, 2 x AAA Batteries, Wireless USB adapter
- User Manual: English, German, French, Dutch, Spanish, Italian, Portuguese, Danish/Norwegian, Finnish, Greek, Polish, Russian, Swedish, Turkish

#### **Power**

- Power supply: 220-240V, 50/60 Hz
- Power consumption: 25 W
- Standby power consumption: 0.5W

### **Dimensions**

- Packaging dimensions (W x H x D): 500 x 125 x 285 mm
- Weight incl. Packaging: 3.75 kg
  Product dimensions (W x H x D):
- Product dimensions (W x H x D) 435 x 60 x 227 mm
- Product weight: 3.00 kg



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<sup>\*\*</sup> Net TV software available for download from www.philips.com/

<sup>\*</sup> Philips Wi-Fi USB adaptor WUB1110 required (sold separately)