



PHILIPS
Fidelio



Truly cinematic
picture and sound

Philips Fidelio Blu-ray Disc Player BDP9700

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Experience Blu-ray home cinema like never before

Home cinema is about re-creating cinematic experience at home. With this state-of-the-art, Philips BDP9700 Blu-ray Disc Player, brace yourself for the ultimate audio-visual entertainment in unrivalled details, vibrancy and resolution.

► See more

Philips Fidelio BDP9700 boasts Qdeo video processor that removes unsightly noise and artifacts while optimizing image details, colors and contrast. Quad full HD rendered at 3840 x 2160 packs twice as many pixels as HD TV for unprecedented detail. You can even play your 2D collection in 3D mode for a mind-blowing sensory overdrive.

► Hear more

Sound effects are the indispensable tools that create psychological drama and build expectations. TI Burr-Brown audiophile sound converter produces the richest soundtrack in the most exquisite details you'd ever expect. HD 7.1 surround sound replicates the complex soundstage as if you are right there on the set.

► Engage more

We all appreciate a bit of convenience thrown in. Philips Fidelio BDP9700 comes with EasyLink that lets you control all HDMI devices via one single remote. Built-in WiFi-n ensures swift and seamless online experience on your flat-screen TV. It is even Skype-ready, so that you won't miss that important video call when you're enjoying movies.

See more

Qdeo: Best-in-class picture quality

Qdeo is an award-winning technology in video processing that produces natural, smooth output free from noise and artifacts. It does so via three stages:

► Noise Reduction

The 3D motion adaptive noise reduction function actually applies filters in both spatial and temporal manners on per-pixel level, anticipating the motion of the noise and removing them.

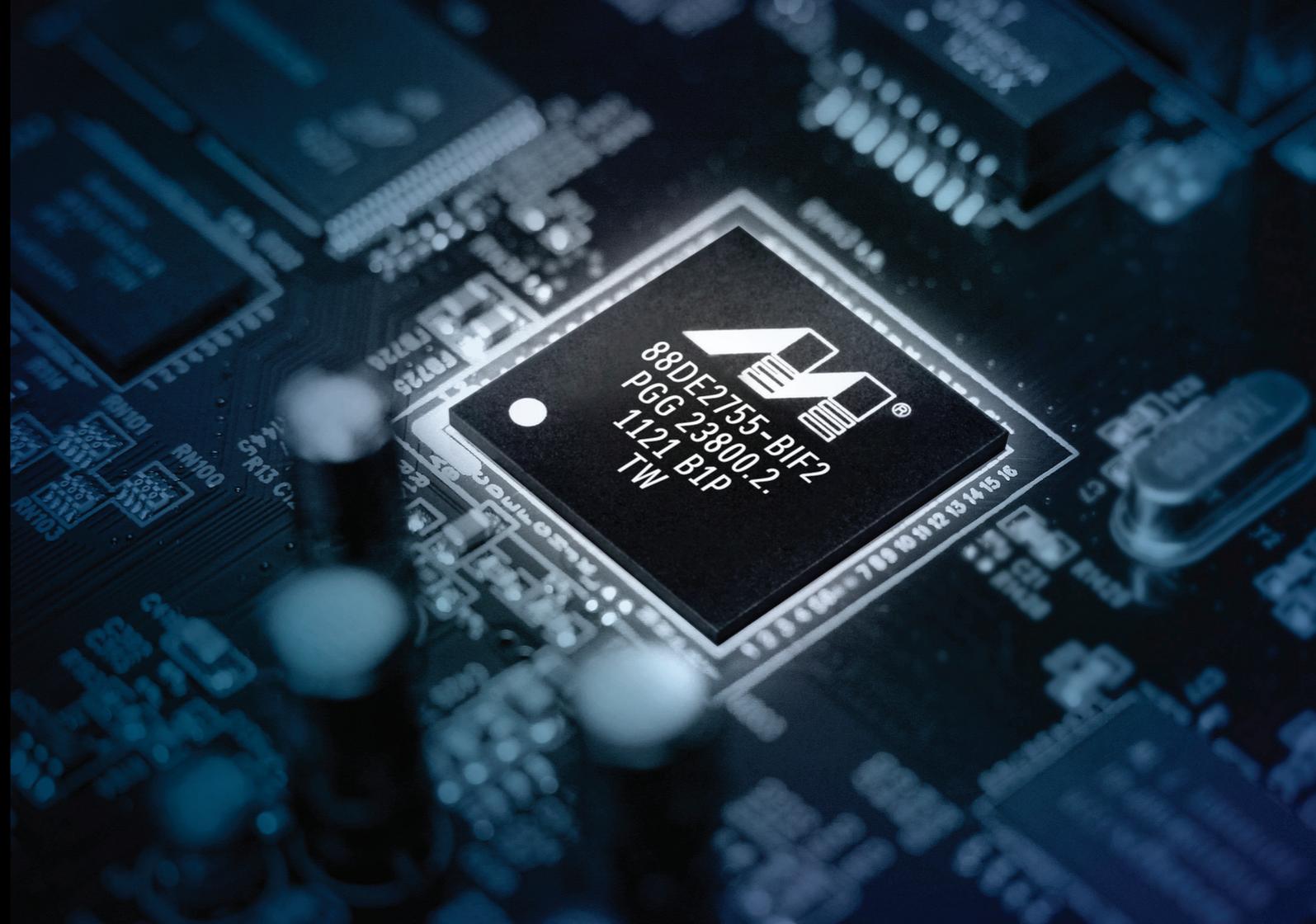
The edge adaptive spatial filtering conserves details of the image, so that noise is reduced without softening the image.

► Format Conversion

Even a standard-definition DVD plays excellent HD-quality picture with Qdeo's format conversion algorithm. It seamlessly upscales a 480i RGB 24-fps video into a 1080p HD YCbCr 60-fps image in exceptional quality thanks to a sophisticated 3D per-pixel motion adaptive de-interlacing engine.

► Enhancement

Finally, Qdeo also enhances the appearance of images by improving contrast, bringing out details, making colors more vivid and creating a greater sense of depth, all done without adding artifacts like halos or rings or hue shifts in skin tones.





► **Noise reduction**

Removes flickering dots without ghosting or blurring

Before



After



► **Compression artifact reduction**

Removes mosquito and block noise without blurring or loss of details



► **Format Conversion**

Upscales video images for smooth and clean playback



► **Local adaptive contrast enhancement (ACE)**

Brings out shadow details without blowing out highlights

Before



After



► **Intelligent Color Remapping (ICR)**

Enables vivid colors in outdoor scenes without hue shift or loss of details in skin tones/blurring or loss of details



► **Natural depth expansion (NDE)**

Brings out fine details in textured zones and sharpens edges of objects without adding artifacts





Other video features

Apart from Qdeo impeccable picture quality, Philips Fidelio BDP9700 boasts an array of features that guarantee an unparalleled viewing experience:

▶ Stand-alone architecture and pre-set profiles

Philips Fidelio BDP9700 adopts an architecture where the audio and video processing is separated. Video signals feed directly to the Qdeo processor without any pre-processing, for the best image quality. It comes with 4 pre-set picture enhancement profiles for different movie genres. You also have the option to turn off video enhancement altogether or create your own personal profile from scratch.

▶ Quad Full HD

Quad full HD is the highest resolution you can get from any home cinema right now. At 3840 x 2160, it packs twice as many pixels as HDTV, offering unprecedented details and lifelike picture quality.

▶ Blu-ray 3D playback

Full HD images for left and right eyes are played alternately on screen quickly to give the illusion of depth. With special glasses that are timed to synchronize with those image frequency, you're in for a heightened 3D cinema experience at home.

▶ 2D to 3D conversion

Enjoy your 2D movie collection in exciting 3D format! The Instant 3D Conversion function analyzes 2D image content to separate the foreground from the background and generates a depth map that converts 2D images to 3D. You can now turn any movie 3D and play it on any 3D-compatible TV.

Hear more

Audiophile-grade sound quality

Sound effects create ambiance and atmosphere. Compelling sound is a must for any theatrical experience. Philips Fidelio BDP9700 excels in intricate aural details, exceptional clarity and life-like three dimensionality:

► TI Burr-Brown

TI Burr-Brown DSD DAC is famous for its top-notch Hi-Fi components it produces. One TI Burr-Brown Direct-Stream Digital (DSD) digital-to-analog audio converter (DAC) is dedicated to each channel.

► 24-bit 192KHz sampling rate

Digital signals are converted into analog audio at high sampling rate and resolution, so that more information is captured from the original analog sound wave for much richer sound performance.

► Toroidal power supply

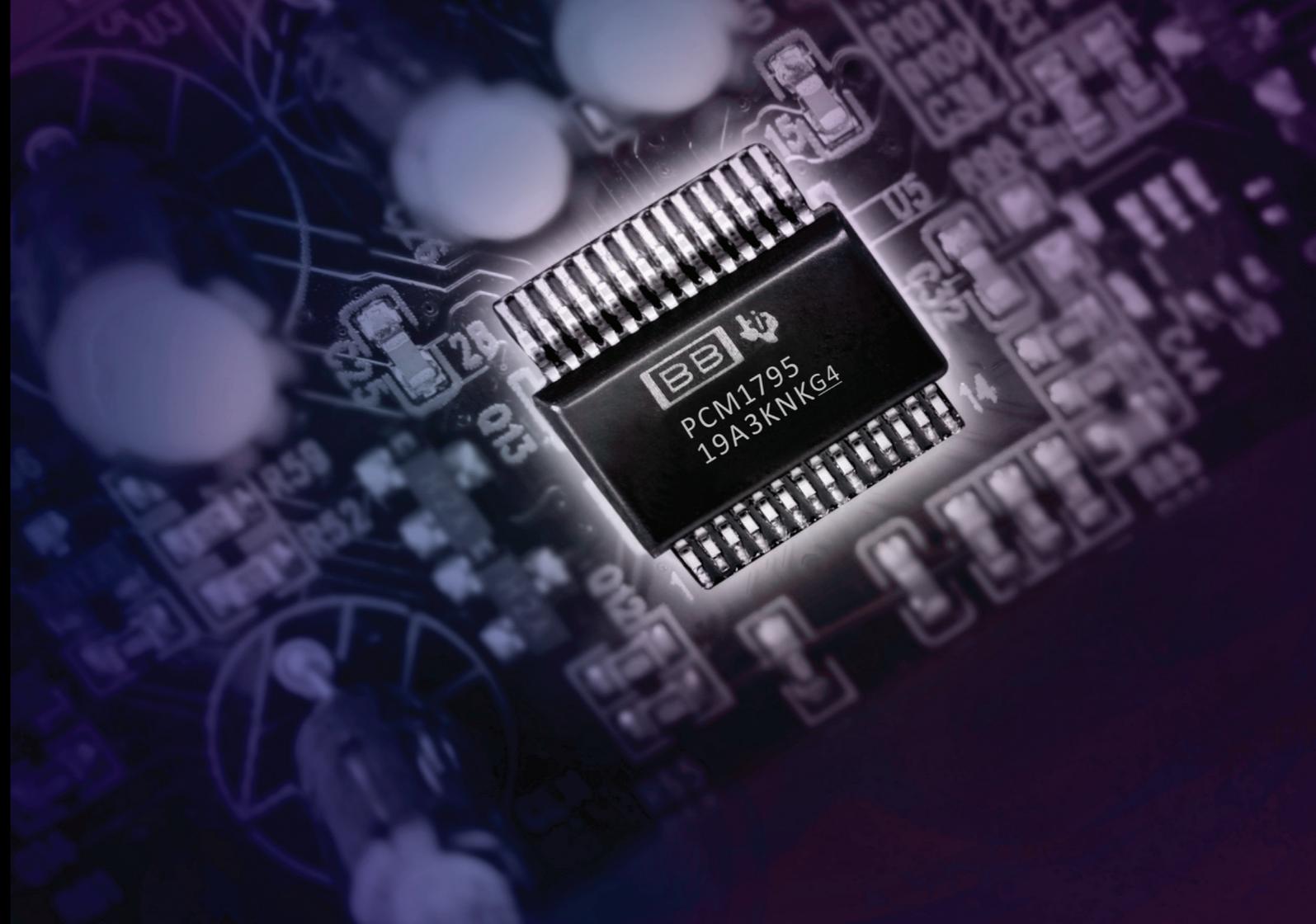
Separate linear audio power supply with toroidal transformer for each channel ensures a stable and noiseless power source. This avoids any digital noise interference in shared power supply between digital video and analog audio.

► HD 7.1 Surround Sound

Available in Dolby TrueHD and DTS-HD Master Audio, low-loss analog audio output in 7.1 channels shows outstanding signal-to-noise ratio, for exceptional spatial dimension of sound image.

► Multi-channel SACD

Philips Fidelio BDP9700 also plays Super Audio CD, a high resolution format for audio storage and hybrid SACD.





Engage more

Versatile connectivity

Philips strives to make life easier. That's why Philips Fidelio BDP9700 packs easy connections with online sources and other devices on top of the best picture and sound.

► Immediate access to entertainment

Instantly connect to a host of online media apps and services with the built-in innovative Philips SmartTV Plus, made possible thanks to the 2X2 built-in Wi-Fi. You can access a host of special Philips services including Net TV, SimplyShare and MyRemote. Net TV brings a wide range of information and entertainment to your TV including video-on-demand services; while SimplyShare allows you to wirelessly access all your photos, music and movies stored on your PC. The Philips MyRemote app lets you share and control your home theater with ease via the smartphone or tablet.

► Stay in touch

If you want to speak to people via Skype™ Video calls you can. Simply purchase a selected Skype™ camera which connects to your home theater system allowing you to make your video calls in HD with excellent sound quality, making it the perfect accessory for keeping in touch with family and friends.

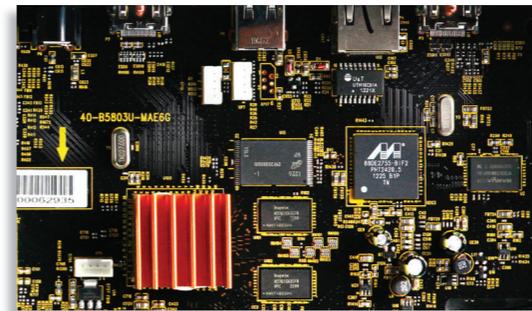
► One touch control

Philips takes the "task" out of multi-tasking with the EasyLink feature. Control your TV and Blu-ray Disc player with just a single remote. No need to fiddle with multiple devices or buttons.

State-of-art-design

Sleek premium design

Philips approaches its product not only from functional perspective, but also on aesthetic level. No effort is spared on every design detail.



► Separate audio and video architecture
For optimal sound and picture performance



► Dual HDMI output
3D video and 7.1 surround sound with a dedicated HDMI output for AV receiver and one 3D HDMI output for TV



► Gold plated connectors
For superior audio conductivity and loss free signal transmission



► Casing in minimalist design
A perfect match with your other high-end AV components

Glossary



Qdeo™ video processing

Qdeo™ video processing technology produces quiet and natural video. It produces an image that reduced noise, enhanced color, improved contrast, fine detail and enhanced sense of depth, resulting in a quiet, pleasing and immersive viewing experience. Furthermore, Qdeo™ technology works with all kinds of video sources, including Blu-ray, DVD and even low quality Internet video.



Quad full HD

Philips' new CinemaPerfect HD engine offers quad full HD for better video playback than ever. The intelligent engine sharpens and reduces noise that is produced when video is compressed into MPEG format. Together with improved upscale processing, the engine produces sharp and deep images on screen.



SimplyShare

Philips SimplyShare lets you share your music, movies & photos from tablet, smartphone & PCs to your home theater & Blu-ray player. You can stream all entertainment directly from your DLNA-enabled devices or use remote control to access & stream media files from your PC. For the best wireless experience, install the SimplyShare app on your tablet/ smartphone. You are now ready to enjoy all your entertainment effortlessly.



TI Burr-Brown DACs

TI Burr-Brown specializes in producing audiophile-quality Hi-Fi components, like Digital to Analog Converters (DACs). Philips trusts and chooses TI Burr-Brown DACs, which convert digital audio signals into analog audio signals using 192KHz sampling rate with 24-bit resolution. Hence, more information is captured from the original analog sound wave form, resulting in much richer sound performance.



Smart TV Plus

Smart TV Plus offers an array of enhanced features, including Net TV, SimplyShare & MyRemote. Net TV brings a wide range of online information & entertainment to your TV for services like video-on-demand. With SimplyShare, you can access photos, music & movies stored on your PC. You can also use your smartphone/tablet to control your home theater via Philips MyRemote app.



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 glasses that are timed to open and close the left and right lenses in synchronization with the alternating images, the full-HD 3D viewing experience is created.



Toroidal power supply

The toroidal power supply is a ring-shaped core power transformer. Using a separate toroidal transformer and a linear power supply to make sure there is a stable and noiseless power source dedicated to analog audio signals. This design can avoid any digital noise coupling comparing to the usual design that has both the digital video and analog audio signal sharing the same power supply. The result is a clean sound with little noise.



DivX Plus HD Certified

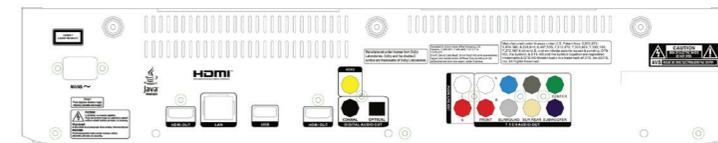
DivX Plus HD offers the latest in DivX technology to let you enjoy HD videos and movies from the Internet direct to your Philips HDTV or PC. It supports the playback of DivX Plus content (H.264 HD video with high-quality AAC audio in an MKV file container) as well as previous versions of DivX video up to 1080p. DivX Plus HD for true HD digital video.

Specification



Design	
Body	Solid 3mm aluminum metal
Connectors	Gold-plated AV connectors
Audio Playback	
Compression format	AAC (multi-channels), DTS, FLAC, MP3, Ogg Vorbis, PCM, WAV, WMA, WMA9Pro
Still Picture Playback	
Compression format	GIF, JPEG, JPEG HD, JPEG Progressive, PNG
Picture Enhancement	Rotate, Slideshow with music playback, Zoom
Video Playback	
BD Region Code	B
DVD Region Code	2
Compression formats	DivX Plus™ HD, H.264, MPEG1, MPEG2, MPEG4 (AVC), VC-1, WMV, WMV 9, XviD
Disc Playback Modes	A-B Repeat, Angle, Disc Menu, Pause, Repeat, Resume Playback from Stop, Search forward/reverse, Skip, Slow Forward, Standard Play, Zoom
Video Enhancement	Progressive Scan, Video Upscaling, Deep Color
File Format	
Audio	aac, mka, mp3, wma
Picture	GIF, JPEG, JPG
Video	avi, divx, flv, m2ts, mkv, mov, mp4, mpeg, mpg, wmv
Optical Playback Media	
Playable Discs	AVCHD, BD, BD R / BD RE, CD, CDDA, CD-R/CD-RW, DVD, DVD +R/+RW, DVD -R/-RW, SACD [DSD output available (via HDMI output)- (AV receiver) only], SVCD, VCD
Connectivity	
Network connections	802.11 b/g/n, Built-in WiFi
PC network link	DLNA 1.5
Rear Connection	Analog audio 7.1 channel out, Analog audio Left/Right out, Cinch Type Speaker connectors, Composite video (CVBS) output, Digital coaxial out, Digital optical out, DSD output via HDMI output Ethernet, HDMI output 1, HDMI Output 2, USB 2.0
Smart TV Plus	MyRemote App, Net TV, SimplyShare, Skype Ready
Front Connections	USB 2.0

Connector Drawing
Philips Fidelio BDP9700/12



Convenience	
BD-Live (Profile 2.0)	Internal 2GB memory
Child Protection	Parental Control
Ease of Use	Touch control buttons
EasyLink	21:9 format subtitle support, One touch play, One touch standby, Remote Control-Passthrough
Firmware upgradeable	Firmware upgradeable via USB, Online firmware upgrade
On-Screen Display languages	Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Slovak, Spanish, Swedish, Turkish
Picture/Display	
Aspect ratio	4:3, 16:9, 21:9
D/A converter	12 bit / 150MHz
Picture enhancement	3/2 - 2/2 motion pull down, Auto fit screen, Adaptive contrast enhancement, Color Enhancement, Content adaptive enhancement, Dynamic contrast enhancement, High Def (720p, 1080i, 1080p), Motion adaptive de-interlacing, Noise Reduction, Progressive scan, Quad HD (3840 x 2160), Video upscaling, 2D to 3D conversion
Blu-ray 3D	Full HD 1080p
Advanced video processing	Qdeo video processing
Power	
Power consumption	< 20W
Power supply	220-240V, 50/60 Hz
Standby power consumption	< 0.2W
Accessories	
Included accessories	2 x AAA Batteries, CD-R (User Manual), Power cord, Product Registration Card, Quick start guide, Remote Control, User Manual
Optional accessories	Selected Skype camera*
Dimensions	
Product (W x H x D)	435 x 90 x 268 mm
Product weight	3.98 kg
Packaging (W x H x D)	520 x 362 x 155 mm
Weight incl. Packaging	5.158 kg

*Designated FreeTalk Skype camera <TALK-7191>, for details, please visit www.freetalk.me/philips