



Philips 9000 series  
Smart LED TV with  
Ambilight Spectra XL and  
Perfect Pixel HD

- 117 cm (46")
- 3D Max
- DVB-T2/C



46PFL9707T

## Award winning performance

Enjoy Smart TV in the best picture quality

Powered by Micro Dimming Premium and Moth Eye, the 46PFL9707 3D Smart LED TV gives you the best picture quality and best in class contrast performance for any content - 2D or 3D. Experience Smart TV Premium and 3D in the most stunning way!

### Award winning performance

- Ambilight Spectra XL, a new Ambilight for more immersion
- 3D Max Clarity 1000 for a flicker-free Full HD 3D experience
- Unique Two Player Full Screen Gaming mode for your 2D games
- Enjoy any 2D content in flawless 3D at the push of a button
- Unique 3D depth adjustment to view 3D the way you like it
- Full HD TV and Perfect Pixel HD Engine for unrivalled clarity
- Moth Eye for highest image contrast and lowest reflection
- 1200 Hz Perfect Motion Rate (PMR) for superb motion sharpness
- Micro Dimming Premium dims LED segments for the best contrast

### Enjoy a world of content with Smart TV Premium

- Integrated Wi-Fi to use Smart TV wirelessly
- A wealth of online apps, videos to rent and catch-up TV
- Make voice and video calls with Skype™ on your TV
- Watch TV wherever you like at home with Wi-Fi smart screen\*



# PHILIPS

# Highlights

## Ambilight Spectra XL



Expand your viewing experience with Ambilight Spectra XL. This patented Philips technology enlarges the screen more than ever before by projecting a glow of light from the back of the TV screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light to match the TV picture. Thanks to the wall-adaptive function, the colour of the light is perfect, regardless of your wall colour.

## Two Player Full Screen Gaming

With Philips 3D glasses, your TV can deliver the ultimate Two Player Full Screen Gaming experience. In 2D two-player games, each gamer usually sees their game on half of the screen. Using 3D technology, each player can now enjoy the game in 2D in full screen at the same time, with just a click of a button on the glasses.

## 3D Depth Adjustment

Everyone perceives 3D differently. This is why Philips offers you the possibility to customise the 3D depth level to your personal liking. The unique 3D depth adjustment allows you to choose the image depth that best suits the content on-screen and your personal preference. This also makes it more comfortable for your eyes. Now you can fully enjoy the 3D experience.

## Moth Eye

Moth Eye is inspired by the perfection of natural evolution by using special nanostructures as found in moths' eyes.

Known as the most perfect anti-reflective surface, they help the moth to hide from predators. These extraordinary properties extend the image contrast by deepening the blackness of dark tones, while increasing the lightness of bright elements without halos or reflections. Enjoy a true-to-life contrast with incredibly brilliant detail.

## 1200 Hz Perfect Motion Rate

1200 Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action films. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, Perfect Natural Motion and unique processing formula, for unprecedented motion sharpness

## Micro Dimming Premium

Micro Dimming Premium delivers the most extreme contrast and vivid images imaginable. Enjoy breathtaking pictures thanks to the special thin display backlight: it contains a greater number of LED grids that can be individually controlled for the best panel contrast. The result is a stunning picture with extreme contrast, sharpness and vibrant colours.

## Skype™ on your TV

Add a new dimension to your calls and share experiences with the people that matter to you, wherever they are. With Skype™ on your TV, make voice and video calls from your living room. Just plug in the optional Philips TV camera (PTA317/00) to your TV and enjoy excellent video and sound quality from the comfort of your sofa.

## Energy

For many years Philips has pro-actively been working on energy efficiency. As a result, most Philips products have achieved green energy labels. The greener the label, the lower the

energy consumption, the lower your energy bill and the friendlier for the environment.



## EISA best LCD

EISA award for best LCD TV, usually 9000 series high-end televisions

The 46PFL9707 features an improved Moth Eye filter to drastically reduce screen reflections, and the direct LED backlight with local dimming allows for deep blacks and peak brightness. Motion compensation is excellent as well, while the new Flicker-Free technology means you can enjoy 3D movies without the discomfort often associated with the presence of ambient light. Finally, the new remote control incorporates a keyboard to simplify navigation of the TV's Smart features.

## Smart TV Premium

A world of content for you. Enjoy the freedom to watch your programme on a tablet, smart phone or TV.

With the new Smart TV home screen, access a broad selection of apps easily. With Wi-Fi smart screen\*, your iPhone/iPad interacts wirelessly with your Philips Smart LED TV so that you can easily pull digital TV towards the device and enjoy your favourite programmes anywhere at home! You can also pause your TV programme easily — simply connect a USB hard disk to your TV and record digital TV broadcasts.



# Specifications

## Ambilight

- Ambilight Version: 3 sided, Ambilight Spectra XL
- Ambilight Features: Wall colour adaptive, Lounge light mode

## Picture/Display

- Display: LED Pro Full HD
- Diagonal screen size: 46 inch / 117 cm
- Panel resolution: 1920 x 1080p
- 3D: 3D Max Clarity 1000, 2 Player Full Screen Gaming\*, 3D Depth adjustment, 2D to 3D conversion
- Aspect ratio: 16:9
- Brightness: 450 cd/m<sup>2</sup>
- Dynamic screen contrast: 150,000,000:1
- Picture enhancement: Perfect Pixel HD Engine, Moth Eye Contrast Filter, ISF image calibration, Wide Colour Gamut display, Micro Dimming Premium, Bright Pro, 1200 Hz Perfect Motion Rate

## CPU

- Processor type: Dual-Core

## Smart TV Applications

- Net TV: Catch-up TV, Online Video shops, Open Internet browser, Online apps
- Control: MyRemote app (iOS & Android), USB Keyboard and Mouse support
- SimplyShare: DLNA media browser, USB media browser, Wi-Fi Smart Screen
- Programme: Pause TV, USB recording

## Sound

- Output power (RMS): 40 W (2 x 20 W) @30%THD
- Sound Enhancement: Auto Volume Leveller, Clear Sound, Incredible Surround
- Loudspeaker types: Soundstage stand enclosure

## Connectivity

- Number of HDMI connections: 5
- Number of components in (YPbPr): 1 (adapter)
- Number of scarts (RGB/CVBS): 1 (adapter)
- Number of USBs: 3
- Wireless connections: Wi-Fi Certified
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), PC-in VGA + Audio L/R in, Headphone out, Service connector

- HDMI features: 3D, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug and play add to Homescreen, Auto subtitle shift (Philips), Pixel Plus link (Philips), One touch play

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG

## Supported Display Resolution

- Computer inputs: up to 1920 x 1080 @ 60 Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920 x 1080p

## Convenience

- PC network link: SimplyShare
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard, 2-in-1 Wallmount Stand
- Ease of Use: One-stop Home button, On-screen User manual
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Signal strength indication
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Remote Control: Full text keyboard, Motion controlled cursor\*

## Tuner/Reception/Transmission

- Digital TV: DVB-C MPEG2\*, DVB-C MPEG4\*, DVB-T MPEG2\*, DVB-T MPEG4\*, DVB-T2, Freeview HD
- Video Playback: NTSC, PAL, SECAM

## Power

- Mains power: AC 220-240 V 50 Hz
- Ambient temperature: 5°C to 35°C
- Energy Label Class: A

- EU Energy Label power: 80 W
- Annual energy consumption: 111 kW h
- Standby power consumption: < 0.1 W
- Off mode power consumption: < 0.01 W
- Power Saving Features: Auto switch-off timer, Eco mode, Light sensor, Picture mute (for radio)

## Dimensions

- Set dimensions (W x H x D): 1070 x 629 x 46 mm
- Set dimensions with stand (W x H x D): 1070 x 691 x 241 mm
- Product weight: 17.2 kg
- Product weight (+stand): 20.7 kg
- VESA wall mount compatible: 300 x 300 mm

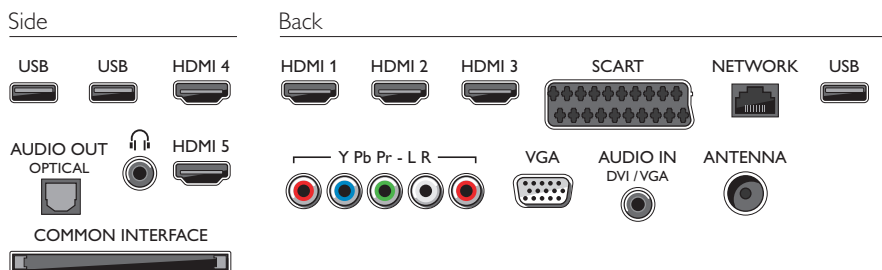
## Accessories

- Included accessories: Power cord, Remote Control, 2 x 3D Glasses, Tabletop swivel stand, Quick start guide, Moth Eye Cleaning Cloth
- Optional accessories: 3D Glasses PTA507, 3D Glasses PTA517, Skype camera PTA317



\* Pointing functionality of remote control available via software update in autumn 2012  
 \* 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.  
 \* Wi-Fi smart screen available via software update in autumn 2012  
 \* Net TV: Visit [www.philips.com/smarttv](http://www.philips.com/smarttv) to discover the services available in your country.  
 \* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.  
 \* Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.  
 \* Typical on-mode power consumption measured according to IEC62087 Ed 2.  
 \* Skype camera is sold separately  
 \* The ultra low reflectivity of the Moth eye surface shows smudges and fingerprints more easily. For optimal performance cleaning should only be carried out using the supplied special cloth and cleaning fluid SVC1116G (green bottle, not supplied). Read the cleaning instructions with the product.  
 \* USB recording only for digital channels (country and channel restrictions may apply), not on analogue broadcast or external inputs. Recordings may be limited by broadcast copy protection (CI+).  
 \* In Nordic countries, the TV provides limited support for subtitles while recording TV programmes.

## Connections



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