

Philips 9000 series
Smart LED TV

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
- 1200 Hz Perfect Motion Rate (PMR) for superb motion sharpness
- Moth Eye for highest image contrast and lowest reflection
- 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

Smart LED TV
117 cm (46") 3D Max, DVB-T2/C

Highlights

Ambilight Spectra XL



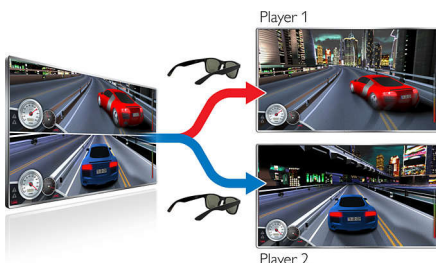
Expand your viewing experience with Ambilight Spectra XL. This patented Philips technology enlarges the screen more than ever before by projecting a glow of light from the back of the TV screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light to match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

3D Max Clarity 1000



Enter a new frontier of 3D technology with 3D Max Clarity 1000. Using active 3D technology and the newest high-speed display for true-to-life depth, contrast and realism, 3D Max Clarity 1000 offers an unrivalled flicker-free Full HD 3D viewing experience. Even convert any 2D content into vivid and flawless 3D. 3D Clarity 1000 gives you the ultimate 3D performance.

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 Conversion



Watch your entire movie collection in vivid and flawless 3D — even old black-and-white classics. Philips offers real-time high-quality conversion of any 2D content at the push of a button. It ensures that subtitles are shown at a constant depth and that there are no errors such as the background appearing in the foreground.

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.

Perfect Pixel HD

Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels. The result is a unique combination of sharpness, natural detail, vivid colours, superior contrast and smooth natural

46PFL9707T/12

motion. Clean and razor sharp images come from artefact and noise detection and reduction in all content sources. The Full HD screen with 1920x1080 pixels produces brilliant flicker-free pictures with superb brightness.

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



Specifications

Ambilight

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

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 46 inch
- Diagonal screen size (metric): 117 cm
- Display: LED Pro Full HD
- Panel resolution: 1920 x 1080p
- 3D: 3D Max Clarity 1000, 2 Player Full Screen Gaming*, 3D Depth adjustment, 2D to 3D conversion
- Brightness: 450 cd/m²
- 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
- Dynamic screen contrast: 150,000,000:1

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

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

Smart TV Applications

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

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

Convenience

- 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
- PC network link: SimplyShare
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Remote Control: Full text keyboard, Motion controlled cursor*
- Signal strength indication
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade

CPU

- Processor type: Dual-Core

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
- HDMI features: 3D, Audio Return Channel
- Number of components in (YPbPr): 1 (adapter)
- 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
- Number of scarts (RGB/CVBS): 1 (adapter)
- Number of USBs: 3
- Wireless connection: 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

Power

- Mains power: AC 220–240 V 50 Hz
- Ambient temperature: 5°C to 35°C

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

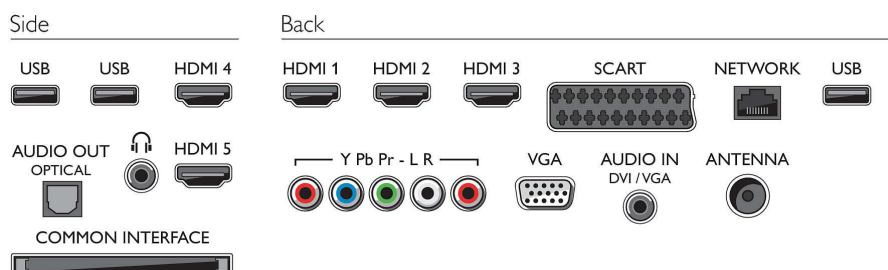
Accessories

- 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

Dimensions

- Set Width: 1070 mm
- Set Height: 629 mm
- Set Depth: 46 mm
- Product weight: 17.2 kg
- Set width (with stand): 1070 mm
- Set height (with stand): 691 mm
- Set depth (with stand): 241 mm
- Product weight (+stand): 20.7 kg
- Stand width: 585 mm
- Wall-mount compatible: 300 x 300 mm

Connections



Issue date 2023-10-20

Version: 8.0.6

EAN: 87 12581 65307 1

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- * 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 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.