

Philips 8000 series  
Ultra-Slim Smart LED TV  
with Ambilight 3-sided XL  
and Perfect Pixel HD

117 cm (46")

3D Max  
DVB-T/T2/C/S/S2

46PFL8008S



## Elevating entertainment

The high-end Ultra-Slim LED TV with Ambilight

Unrivalled performance is in the details: Philips' high-performance 8000 series anticipates your needs and desires by fully integrating the ultimate in technology into one sleek machine. Your TV.

### The ultimate performance engine

- Perfect Pixel HD—our Award-winning picture quality engine
- 1400 Hz Perfect Motion Rate (PMR) for superb motion sharpness
- 3D Max—a powerful 3D experience in Full HD resolution
- Ambilight 3-sided XL intensifies your viewing experience

### A world of online content at your fingertips

- Integrated TV camera for easy Skype™ video calls on your TV
- Integrated Wi-Fi to connect easily to the world online
- Smart TV—a world of online entertainment

### Control how you share and record on the big screen

- MyRemote app—control your TV with your phone or tablet
- Wi-Fi Miracast™—mirror your devices on your TV
- Keyboard remote control with pointer—more control than ever

### Industrial design meets provocative lines

- Stainless-steel ultra-narrow bezel radiates craftsmanship



NL/22/001



Dual Core

# PHILIPS

# Highlights

## Perfect Pixel HD

Designed to deliver our most advanced flicker-free pictures with unrivalled sharpness and clarity. Each pixel that composes 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 motion.

## 1400 Hz Perfect Motion Rate

For picture movement that looks precise, smooth and natural, Philips created PMR—our standard for measuring moving image sharpness. Perfect Motion Rate is the combined result of our unique video processing, number of frames per second and refresh rate of each frame, perfection in dimming capabilities, and backlighting technology. A higher PMR number contributes to higher contrast and better motion clarity—which means a superior image for you.

## 3D Max

Using active 3D technology and high-speed displays to create incredible depth, contrast and realism for an unrivalled 3D viewing experience. 3D depth adjustment makes choosing the level of 3D effect that best suits you easy. Convert 2D content into vivid and flawless 3D. The ultimate 3D experience.

## Ambilight 3-sided XL

This patented Philips technology makes your screen seem much wider—and your viewing experience more immersive—by projecting an extra wide glow from three sides of the TV screen onto the surrounding wall. The colour automatically adjusts to match the TV picture. Thanks to a wall-adaptive function, the colour of the light is perfectly aligned with the TV picture, regardless of the wall colour. You can customise the experience using various settings to suit your viewing preference.

## Integrated Skype™ and camera

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 with an integrated camera in your TV. Enjoy excellent video and sound quality from the comfort of your sofa.

## Integrated Wi-Fi

Integrated Wi-Fi on your Philips Smart TV makes connecting to your home network quick and easy, allowing you to access a world of content or share wirelessly at home.

## Smart TV online apps

Explore the boundaries that lie beyond traditional TV. Rent and stream films, videos, games and more, directly onto your TV from online video stores. Watch catch-up TV from your favourite channels and enjoy a rich selection of online apps with Smart TV. Connect to family and friends with Skype™ or social networking. Or... just browse the Internet!

## Pointer with keyboard remote

Our totally intuitive remote control has all the usual perks like cursor keys, volume control and shortcut buttons. And, for something extra, simply click and hold the OK key for easy navigation. The pointer operates as a mouse allowing you to point, click and scroll easily onscreen. Flip this remote over and there's a full keyboard for easy text entry on the other side! Best of all, our intelligent remote has gyroscopic sensors, so it knows up from down—which means you can text without worrying about changing channels.

## Wi-Fi Miracast™\*

Watch what you want, where you want, when you want. Mirror the content on your devices and view it on the big screen. Share photos from your smartphone, laptop screen and more. Connections are easy to set up and the technology works across multiple devices.

## MyRemote\*

Control your TV without a remote control using one easy app. Transform your iPad or smartphone into a universal remote with all the options of your original remote plus extra features like text entry. The SimplyShare function beams content onto your TV. Push digital broadcast TV onto your devices using the Wi-Fi smart screen.



## Smart TV

Smart TV—a world of online apps, videos to rent and catch-up. Explore the boundaries that lie beyond traditional TV. Rent and stream films, videos, games and more, directly onto your TV from online video stores. Watch catch-up TV from your favourite channels and enjoy a rich selection of online apps with Smart TV. Connect to family and friends with Skype™ or social networking. Or... just browse the Internet!



## EU Eco Label

The Philips eco-design process aims to create products that are increasingly eco-friendly. Our efforts have been

recognised and Philips has been awarded the EU Eco Label (Eco flower) for the majority of its models because of their high energy efficiency, ultra low standby powers (up to 50% less than the required EU Eco Label level), absence of hazardous substances (e.g. lead) and design for easier recycling.



# Specifications

## Ambilight

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

## Picture/Display

- Display: LED Full HD
- Diagonal screen size: 46 inch / 117 cm
- Panel resolution: 1920 x 1080p
- 3D: 3D Max\*, 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: 500,000:1
- Picture enhancement: Perfect Pixel HD Engine, Micro Dimming, 1400 Hz Perfect Motion Rate, Local contrast, Perfect 3D Natural Motion, Super Resolution

## Smart TV

- Interactive TV: HbbTV\*
- SmartTV apps\*: Catch-up TV, Netflix\*, Online apps, Online Video shops, Open Internet browser, YouTube
- Social TV: Facebook, Skype, Twitter
- TV programme guide\*: 8-day Electronic Programme Guide

## Smart Interaction

- User interaction: SimplyShare, MultiRoom Client and Server\*, Smart text remote control, Pointer remote control\*, Wi-Fi Miracast Certified\*
- Programme: Pause TV, USB Recording\*
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Home button, On-screen User manual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Signal strength indication
- Teletext: 1200-page Hypertext
- My Remote App\*: Control, Simply Share, TV Guide, Wi-Fi Smart Screen

## CPU

- Processor type: Dual-Core

## Sound

- Output power (RMS): 30 W (2 x 15 W)
- Sound Features: 3D wOOx, HD Stereo
- Sound Enhancement: Auto Volume Leveller, Clear Sound, Incredible Surround, Pure Bass

## Connectivity

- Number of HDMI connections: 4
- Number of components in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connections: Integrated Wi-Fi 11n, Wi-Fi Miracast Certified
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), 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

## Tuner/Reception/Transmission

- Digital TV: Astra HD+ support, Freeview HD\*, DVB-T/T2/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM

## Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C

- Energy Label Class: A
- EU Energy Label power: 83 W
- Annual energy consumption: 115 kWh
- Standby power consumption: < 0.1 W
- Power Saving Features: Auto switch-off timer, Eco mode, Light sensor, Picture mute (for radio)
- Off mode power consumption: < 0.01 W

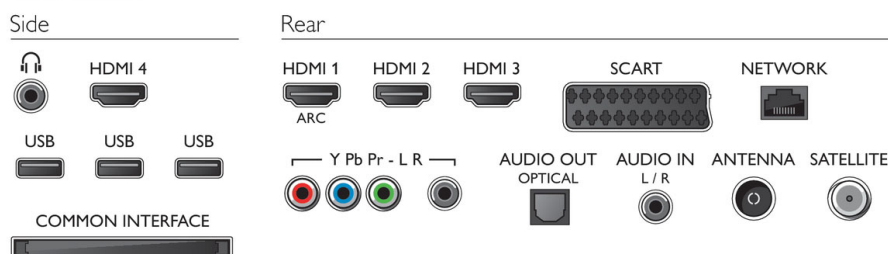
## Dimensions

- Box dimensions (W x H x D): 1240 x 781 x 132 mm
- Set dimensions (W x H x D): 1042 x 616 x 32.5 mm
- Set dimensions with stand (W x H x D): 1042 x 678 x 225 mm
- Product weight: 14 kg
- Product weight (+stand): 15.5 kg
- Weight incl. Packaging: 19.6 kg
- VESA wall mount compatible: 200 x 200 mm

## Accessories

- Included accessories: 2 x 3D active Glasses, Remote Control, 2 x AAA Batteries, Tabletop swivel stand, Power cord, SCART Adapter, Component cable adapter, Quick start guide, Legal and safety brochure, Warranty Leaflet
- Optional accessories: 3D Glasses PTA518, 3D Glasses PTA508

## Connections



Issue date 2019-06-22

Version: 8.1.13

12 NC: 8670 000 98411  
EAN: 87 12581 67010 8

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[www.philips.com](http://www.philips.com)

\* MyRemote app and related functionalities varies according to the TV model and country, as well as smart device model and OS. For more details, please visit: [www.philips.com/TV](http://www.philips.com/TV).

\* Compatibility depends on Wi-Fi Miracast certification Android 4.2 or later. For more details please refer to your device documentation.

\* For smart TV app, visit [www.philips.com/TV](http://www.philips.com/TV) to discover the services offered in your country

\* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.

\* 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.

\* 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.

\* EPG and actual visibility (up to 8 days) is country- and operator-dependent.

\* Software upgrade required for HbbTV, Multiroom client and server, Netflix and myRemote app.