



Philips 8500 series  
Ultra Slim Smart 4K Ultra  
HD LED TV

127 cm (50")

4K Ultra HD LED TV  
Dual Core  
DVB-T/T2



50PUT8509

## Ultra Slim 4K Ultra HD LED TV

With Smart TV

Join the Ultra HD revolution with the Philips 8500 series 4K Ultra HD TV. Watch hundreds of premium international channels via Cloud TV and immerse yourself in 3D. And all in 4K Ultra HD resolution.

### **A TV that's more than Smart, it's beautiful**

- Ultra Slim lines for a refined profile
- Ultra Narrow bezel gives you more picture to love

### **A picture so real, you'll forget it's TV**

- Pixel Plus Ultra HD: discover Ultra HD Picture Quality
- Digital Natural Motion for smooth moving images
- 400Hz PMR Ultra HD for smooth moving images
- 3D realistically takes you places you've never been before

### **Connect, communicate, record and share**

- Smart TV: a whole new world to explore
- MyRemote app: the Smarter way to interact with your TV
- Wi-Fi Miracast™—mirror your smartphone screen to your TV
- Cloud TV and Cloud Explorer bring worlds together
- Multiroom TV—share live TV and recordings between TVs

# PHILIPS

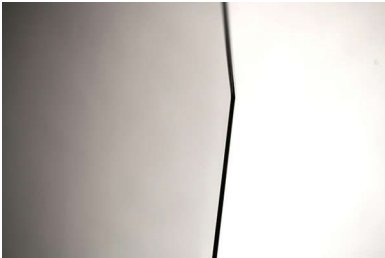
# Highlights

## Ultra Slim profile



Sleek. Cutting edge. Refined. Precise. The Philips Ultra Slim silhouette. That something so slim can inspire so much interest shouldn't be surprising, given how much sophistication it will bring to your décor.

## Ultra narrow bezel



Traditional TVs have a bezel that wraps around the TV like a picture frame. Our Ultra Narrow bezel is modern and thin, so you have more picture to enjoy.

## Pixel Plus Ultra HD

Experience Ultra HD sharpness from Philips. Now you can enjoy your favorite action films and sporting events in stunning 4K Ultra HD resolution. And whether you stream online or watch a DVD, Philips Pixel Plus Ultra HD Engine delivers sharper images with brighter whites and blacker blacks.

## Digital Natural Motion



You love action movies, sporting events and gaming, but demand the very best image

possible. Digital Natural Motion is a Philips award winning motion enhancement technology that diminishes judder, providing excellent sharpness and the smoothest, most fluid picture imaginable.

## 400Hz PMR Ultra



Nothing beats the adrenaline rush of gaming, fast paced sporting events or action films on an Ultra HD TV. That's why this Philips TV has 400Hz Perfect Motion Rate Ultra; so you'll enjoy smooth moving images in Ultra HD resolution. Because even though your pulse may jump, the image you're watching shouldn't.

## 3D



Active 3D technology and high-speed displays create incredible depth, contrast and realism for an unrivaled 3D viewing experience. Converts 2D content into vivid and flawless 3D. The ultimate 3D experience.

## Smart TV



Discover a Smarter experience that lies beyond traditional TV. Rent and stream movies, videos or games from online video stores. Watch catch-up TV from your favorite channels and enjoy a growing selection of online apps such as Youtube.

## MyRemote\*



Control your Philips TV directly from your Smart device. With the MyRemote App its never been easier to share content from your Smart device onto your TV (SimplyShare), pull digital broadcast TV onto your tablet (Wi-Fi Smart screen), or stay up to date thanks to the TV Program Guide, which lets you choose shows to watch.

## Wi-Fi Miracast™\*



Mirror what you see on your smart device and share it with friends and family on your TV. From photos to videos, games and more, mirror anything from your smartphone and tablet to your big screen with a simple command.

# Specifications

## Ambilight

- Ambilight Features: Auto Ambilight, Wall colour adaptive, Dual View Fixed Color, Dynamic, linked to light sensor, Lounge mode, sunset
- Ambilight Version: 3-sided
- Ambilight light system: Built-in AL + Hue

## Picture/Display

- Aspect ratio: 4:3/16:9
- Diagonal screen size (inch): 50 inch

- Diagonal screen size (metric): 127 cm
- Display: LED Ultra HD
- 3D: Active 3D, 2 Player Full Screen Gaming\*, 3D Depth adjustment, 2D to 3D conversion, Auto 3D detection, Flickerfree 3D
- Panel resolution: 3840x2160
- Brightness: 350 cd/m<sup>2</sup>
- Picture enhancement: Pixel Plus Ultra HD, Digital Natural Motion, 400Hz PMR Ultra, Micro Dimming

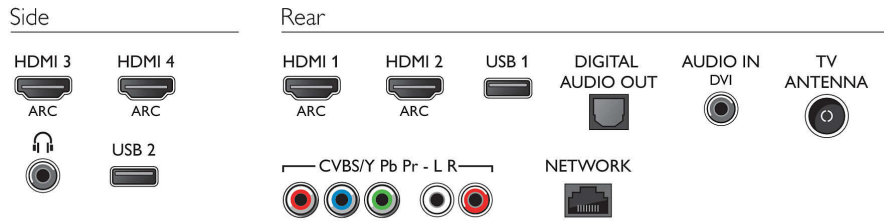
## Supported Display Resolution

- Computer inputs on all HDMI: up to 4K Ultra HD 3840x2160
- Video inputs on all HDMI: up to 4K Ultra HD 3840x2160p, @24,25,30Hz

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2
- Video Playback: NTSC, PAL, SECAM

## Connections



# Specifications

- MPEG Support: MPEG2, MPEG4
- Analog TV: NTSC, PAL, SECAM

## Smart TV

- TV programme guide\*: 8 day Electronic Program Guide
- SmartTV apps\*: Catch-up TV, Netflix, Spotify, Online apps, Online Video stores, Open Internet browser, YouTube
- Social TV: Twitter

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, AMR, LPCM, M4A, MP3, MPEG1 L1/2, WMA (v2 up to v9.2)
- Subtitles Formats Support: .AAS, .SML, .SRT, .SSA, .SUB, .TXT
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS

## User Interaction

- Wireless interaction: SimplyShare, Cloud TV\* and Cloud Explorer, MultiRoom Client, MultiRoom Client and Server, Wi-fi Miracast Certified\*, Smart text remote control
- Program: 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, Onscreen Usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to Screen, Advance - Shift, Zoom, Stretch, Dot: dot
- Signal strength indication
- Teletext: 1000 page Hypertext
- My Remote App\*: Control, Simply Share, TV Guide, Wi-fi Smart Screen

## CPU

- Processor type: Dual-Core

## Sound

- Output power (RMS): 20W
- Sound Enhancement: Incredible Surround, Clear Sound, Auto Volume Leveler, Bass Enhancement,

- Smart Sound
- Sound Features: Smart Stereo, Natural Sound

## Connectivity

- Number of HDMI connections: 4
- HDMI features: 3D, Audio Return Channel
- Number of component in (YPbPr): 1
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Auto subtitle shift (Philips)\*, Pixel Plus link (Philips)\*, One touch play
- Number of USBs: 2
- Wireless connection: Wi-Fi 2x2 Integrated
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Headphone out, Service connector

## Power

- Mains power: AC 110- 240V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: <math>\leq 0.3\text{ W}</math>
- Eu Energy Label power: 60 W
- Power Saving Features: Auto switch-off timer, Eco mode, Light sensor, Picture mute (for radio)
- Off mode power consumption: <math>\leq 0.3</math>
- Annual energy consumption: 88 kWh

## Accessories

- Included accessories: 2 x 3D active Glasses, Remote Control, 2 x AAA Batteries, Tabletop swivel stand, Power cord, Quick start guide, Legal and safety brochure, Warranty Leaflet
- Optional accessories: Philips TV camera PTA317, Active glasses PTA509, Active Glasses PTA519

## Dimensions

- Set Width: 1123 mm
- Set Height: 662 mm
- Set Depth: 39 mm
- Product weight: 16.4 kg
- Set width (with stand): 1123 mm
- Set height (with stand): 722 mm
- Set depth (with stand): 280 mm
- Product weight (+stand): 17.9 kg
- Box width: 1320 mm
- Box height: 771 mm
- Box depth: 133 mm
- Weight incl. Packaging: 22 kg
- Wall mount compatible: 400 x 200 mm



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

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

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

\* Cloud TV offering depends on country availability and regulations

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

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

\* Philips TV camera (PTA317) is sold separately.

\* 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.

\* (Philips) only compatible with specific Philips player device.