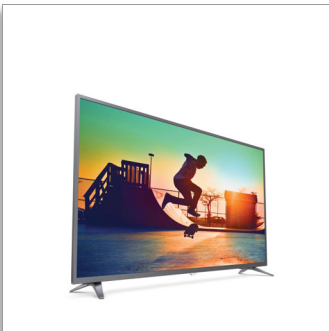


Philips 6500 series
4K Ultra Slim Smart LED
TV with SAPHI and Pixel
Precise Ultra HD

126 cm (50")

4K Ultra HD LED TV
Quad Core
Ginga



50PUG6513

4K Ultra Slim Smart LED TV

with Saphi and Pixel Precise Ultra HD

Enjoy the clarity of 4K UHD in a Smart TV that's brilliantly easy to use. Pixel Precise Ultra HD ensures everything looks smooth and sharp. SAPHI gives you instant access to favourite content: Netflix movie night is just a button away.

Beautiful attention to detail

- Slim, refined stands communicate lightness

See every detail

- 4K Ultra HD. Pictures so sharp you'll think you're there.
- Pixel Precise Ultra HD. Fluid images with incredible depth.
- Micro Dimming optimizes the contrast on your TV

SAPHI: intuitive app content selection

- SAPHI. The smart way to enjoy your TV
- Philips app gallery. Access Youtube, Netflix, and more.

Slim TV. Clear sound.

- Deep bass and crystal-clear dialogue.
- Philips Sound Processing for accurate audio.

PHILIPS

Highlights

Modern edge feet look

When setting out to create a new TV, our teams consider every aspect: from technology to design. Our new edge feet were engineered to create space beneath your TV where a traditional stand would normally sit, offering you a more immersive viewing experience. The effect? A TV that stands confidently with a nod to the future.

4K Ultra HD

With four times the resolution of conventional Full HD, Ultra HD lights up your screen with over 8 million pixels and our unique Ultra Resolution Upscaling technology. Experience improved images regardless of the original content, and enjoy a sharper picture with superior depth, contrast, natural motion and vivid details.

Pixel Precise Ultra HD

The beauty of 4K Ultra HD TV is in savoring every detail. Philips Pixel Precise Ultra HD engine converts any input picture into stunning UHD resolution on your screen. Enjoy a

smooth, yet sharp moving image and exceptional contrast. Discover deeper blacks, whiter whites, vivid colors and natural skin tones - every time, and from any source.

Micro Dimming

Thanks to our special software that analyzes the picture in 6400 different zones and adjusts it accordingly, you'll enjoy incredible contrast and image quality for a truly lifelike visual experience.

SAPHI

SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy great picture quality and one-button access to a clear icon-based menu. Operate your TV with ease, and quickly navigate to popular Philips Smart TV apps including YouTube, Netflix, and more.

Philips app gallery

Philips app gallery is a wide-ranging collection of online apps that you can access as soon as

your Smart TV is connected to the Internet. It's that easy! Just switch on your TV, connect to the Internet and experience a whole new world of entertainment online.

DTS HD

DTS HD optimizes sound processing by preserving the original sound content so that you can enjoy a better sound from your speakers with crystal-clear dialog.

Sound Processing

A gust of wind, a leaf hitting the ground, the sound of tires zooming down a windy road. It is the little details that bring the picture to life. Philips Sound Processing brings these details together with uncompromised sound purity. Hear everything as the director intended with studio-grade sound mixing that supports original audio content, and enhances sound when needed. Deep bass, clear dialogue, and amazing accuracy is just the start.

Specifications

Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 50 inch / 126 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Picture enhancement: Micro Dimming, Pixel Precise Ultra HD, Ultra Resolution, 900 PPI
- Peak Luminance ratio: 65 %

Smart TV Features

- User Interaction: Wi-Fi Miracast Certified*, SimplyShare
- Program: Pause TV, USB Recording*
- SmartTV apps*: Online Video Stores, Open Internet Browser, Social TV, Youtube
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to Screen, Zoom, Stretch
- Ease of Use: One-stop Smart Menu button, Onscreen Usermanual

Smart TV

- Interactive TV: Ginga
- SmartTV apps*: Netflix, Online apps, Online Video stores, Open Internet browser, YouTube
- TV programme guide*: 8 day Electronic Program Guide

Sound

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

Connectivity

- Number of HDMI connections: 3
- Number of component in (YPbPr): 1
- Number of USBs: 2
- Wireless connections: Wi-Fi 11n 2x2 integrated, Built-in 1T1R Single band
- Other connections: Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Headphone out, Antenna F-type
- HDMI features: Audio Return Channel, 4K
- EasyLink (HDMI-CEC): Remote control pass-

- through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on HDMI2, Yes on HDMI3

Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, VP9
- Subtitles Formats Support: .SML, .SRT, .SUB, .TXT, .SSA
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG

Supported Display Resolution

- Computer inputs on HDMI1: up to 4K UHD 3840x 2160 @30Hz
- Computer inputs on HDMI2/3: up to 4K UHD 3840x 2160 @60Hz
- Video inputs on HDMI1: up to 4K UHD 3840x 2160 @30Hz
- Video inputs on HDMI2/3: up to 4K UHD 3840x 2160 @60Hz

Tuner/Reception/Transmission

- Digital TV: DTVi
- HEVC support
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL

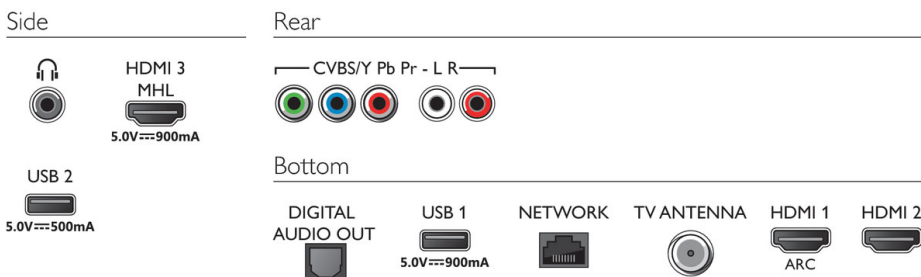
Power

- Mains power: AC 110 - 240V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: <0.3W
- Off mode power consumption: 0.3 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode
- Mercury content: 0 mg
- Presence of lead: Yes*

Dimensions

- Box dimensions (W x H x D): 1240 x 800 x 150 mm
- Set dimensions (W x H x D): 1128.0 x 655.3 x 85.9 mm
- Set dimensions with stand (W x H x D): 1128.0 x 700.0 x 224.1 mm
- TV stand width distance: 1015 mm
- Product weight: 11.4 kg
- Product weight (+stand): 11.6 kg

Connections



Issue date 2018-08-03

Version: 1.1.1

12 NC: 8670 001 54044
EAN: 87 18863 01620 6

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- Weight incl. Packaging: 15.6 kg
- VESA wall mount compatible: 200 x 200 mm

Color & Finishing

- TV Front: Dark Silver

Accessories

- Included accessories: Remote Control, 2 x AAA Batteries, Power cord, Quick start guide, Legal and safety brochure, Table top stand

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

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

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