4K Ultra-Slim TV powered by Android TV with Ambilight 3-sided

- 123 cm (49")
- 4K Ultra-HD LED TV
- Quad Core, 16 GB
- DVB T/C/T2/T2-HD/S/S2

49PUS8503/12

Ultra Slim 4K UHD LED Android TV

with Ambilight 3-sided

Enjoy more of the content you love with the Philips 8500 NanoLED TV. With a wide angle of view and a front-facing soundbar, this smart TV delivers vibrant, lifelike colour, a sharp 4K UHD picture and clear audio. You won't miss a beat.

Benefits

Refined design. Beautiful light.
- Ultra-slim minimalist frame with brushed aluminium finish
- Ambilight. Take the emotion beyond the screen.
- Wide colour gamut. More colours. More vibrancy

Incredible moments
- IPS Nano Color. Rich colour. No matter where you sit.
- Philips P5 Engine. Whatever the source, always perfection.
- HDR Premium. Enhanced colour, depth, and dimension

Android TV-all the content you love
- Google Play store and Philips app gallery. More to love.
- Google assistant built in, and 16 GB of expandable memory

Slim TV. Full sound.
- Front-facing 45 W soundbar
- Philips Triple Ring technology. More space for sound

Features

Ultra-slim minimalist frame

PHILIPS

Ambilight 3-sided

With Philips Ambilight, movies and games feel more immersive. Music gets a light show. And your screen will feel bigger than it is. Intelligent LEDs around the edges of the TV cast on-screen colours onto the walls and into the room, in real time. You get perfectly tuned ambient lighting. And one more reason to love your TV.

Wide Colour Gamut

IPS Nano Color

From movie night to the big match or gaming, IPS Nano Color technology delivers vibrant colour and a wide viewing angle. Uniform, nanometre-sized particles absorb any excess light created by the screen. Reds stay red, green grass looks green, and blue is always blue. Even if you're facing the TV at an angle of up to 60 degrees.

P5 Processing Engine

The Philips P5 Perfect Picture Engine delivers an image as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

HDR Premium

High Dynamic Range Premium is a new video standard. It redefines in-home entertainment through advances in our application of contrast and colour. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the director's intent. The end result? Highlights with excellent brightness, richer contrast and colour and vivid details like you've never seen before.

TV Content

Go beyond traditional TV programming with Google Play Store and Philips App Gallery. Experience endless movies, TV, music, apps and games online. More to love.

Google Assistant built in

Control your Philips Android TV with your voice. Want to play a game, watch Netflix or find content and apps in the Google Play store? Just tell your TV. You can even command all Google Assistant-compatible smart home devices, like dimming the lights and setting the thermostat on movie night. Without leaving the sofa.

45 W soundbar

Triple Ring technology

With enhanced Philips Triple Ring technology, we have even more powerful speaker movement in our subwoofers. More movement means more punch- so you will enjoy powerful sound even in our thin Philips TV design.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Ambilight

Ambilight Version	3 sided
Ambilight Features	Built-in Ambilight+hue
	Ambilight Music
	Game Mode
	Wall colour adaptive
	Lounge mode

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	123 cm
Diagonal screen size (inch)	49 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Pixel engine	P5 Perfect Picture Engine
Picture enhancement	Micro Dimming Pro
	Ultra Resolution
	2900 PPI [2900 PPI]
	Wide Colour Gamut 90% DCI/P3
	[Wide Colour Gamut 90% DCI/P3]
Peak Luminance ratio	65 %

Android

OS	Android Nougat
Pre-installed apps	Google Play Movies*
	Google Play Music*
	Google Search
	YouTube
Memory size	16 GB

Smart TV Features

User Interaction	MultiRoom Client and Server
	SimplyShare
Interactive TV Programme	HbbTV
	Pause TV
	USB Recording*
SmartTV apps*	Online Video Stores
	Open Internet Browser
	Social TV
	TV on Demand
	YouTube
Ease of Installation	Auto detect Philips devices
	Device connection wizard
	Network installation wizard
	Settings assistant wizard
Ease of Use	One-stop Smart Menu button
	On-screen User manual
Firmware upgrade-able	Firmware auto upgrade wizard
	Firmware upgradeable via USB
	Online firmware upgrade
Screen Format Adjustments	Basic - Fill Screen
	Fit to Screen
	Advance - Shift
	Zoom, Stretch

data subject to change
2018, May 3

Philips TV Remote app*	Apps
	Channels
	Control
	NowOnTV
	TV Guide
	Video On Demand
Remote Control	with Keyboard
	with Voice

Processing

Processing Power	Quad Core

Sound

Output power (RMS)	45 W
Sound Features	Triple ring technology
Sound Enhancement	Clear Sound
	Smart Sound
	DTS-HD Premium Sound [DTS-HD Premium Sound]

Connectivity

Number of HDMI connections	4
Number of USBs	2
Number of components in (YPbPr)	1
Wireless connections	Dual Band
	Wi-Fi 11ac 2x2 integrated
Other connections	Common Interface Plus (CI+)
	Digital audio out (optical)
	Antenna IEC75
	Satellite Connector
	Ethernet-LAN RJ-45
	Audio L/R in
	Headphone out
HDMI features	4K
	Audio Return Channel
EasyLink (HDMI-CEC)	Remote control pass-through
	System audio control
	System standby
	One touch play
HDCP 2.2	Yes on HDMI1
	Yes on HDMI2

Multimedia Applications

Video Playback Formats	Containers: AVI, MKV
	H264/MPEG-4 AVC
	MPEG-1
	MPEG-2
	MPEG-4
	WMV9/VC1
	HEVC (H.265)
	VP9
Subtitles Formats Support	.SRT
	.SUB
	.TXT
	.SMI
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 HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz
Computer inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @30 Hz
Video inputs on HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz
Video inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @30 Hz

Tuner/Reception/Transmission

HEVC support	Yes
Digital TV	DVB-T/T2/T2-HD/C/S/S2
MPEG Support	MPEG2
	MPEG4
Video Playback	NTSC
	PAL
	SECAM
TV Programme guide*	8-day Electronic Programme Guide
Signal strength indication	Yes
Teletext	1000-page Hypertext

Power

Mains power	AC 220 - 240 V 50/60 Hz
Off mode power consumption	0.3 W
Standby power consumption	<0.3 W
Ambient temperature	5°C to 35°C
Power Saving Features	Auto switch-off timer
	Light sensor
	Picture mute (for radio)
Energy Label Class	A
EU Energy Label power	89 W
Annual energy consumption	130 kW·h
Mercury content	0 mg
Presence of lead	Yes*

Dimensions

Box width	1205 mm
Box height	810 mm
Box depth	150 mm
Set Width	1098.4 mm
Set Height	664.9 mm
Set Depth	38.2 mm
Set width (with stand)	1098.4 mm
Set height (with stand)	711.1 mm
Set depth (with stand)	251.6 mm
TV stand width distance	517.7 mm
Product weight	17.2 kg
Product weight (+stand)	19.6 kg
Weight incl. Packaging	21.6 kg
VESA wall mount compatible	200 x 200 mm

Colour & Finish

TV Front	Metallic Silver

Accessories

Included accessories	Remote Control
	2 x AA Batteries
	Power cord
	Mini-jack to L/R cable
	Mini-jack to YPbPr cable
	Quick start guide
	Legal and safety brochure
	Tabletop stand

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

* Android App offerings vary per country. For more details please visit your local Google Play Store.

* 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.

* 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.

* Philips TV Remote app and related functionalities vary per TV model, operator and country, as well as smart device model and OS. For more details please visit: www.philips.com/TVRemoteapp.

* Smart TV app availability varies per TV model and country. For more details please visit: www.philips.com/smarttv.

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

* Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in the UK, Germany and Austria)

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

* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.

* Cloud Gaming offering depends on game providers.

* HDMI connection is required for soundbar, speaker and other audio device.

* Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.

data subject to change
2018, May 3

Version: 4.0.1
EAN: 8718863015230

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