



Philips 8500 series
Ultra Slim 4K UHD LED
Android TV with Ambilight
3-sided

123 cm (49") Ambilight TV
2800 Picture Performance Index
HDR premium WCG 90%
P5 Perfect Picture Engine



49PUS8503

Ultra Slim 4K UHD LED Android TV with Ambilight 3-sided

Enjoy more of the content you love with the Philips 8500 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.

Refined design. Beautiful light.

- Ambilight. Take the emotion beyond the screen.
- Ultra-slim minimalist frame with brushed aluminium finish
- 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 Assistant built-in. Content and more at your command
- Google Play store and Philips app gallery. More to love.

Slim TV. Full sound.

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

PHILIPS

Ultra Slim 4K UHD LED Android TV
123 cm (49") Ambilight TV 2800 Picture Performance Index, HDR premium WCG 90%, P5 Perfect Picture Engine

49PUS8503/12

Highlights

Ultra-slim minimalist frame

Ultra-slim minimalist frame with brushed aluminium finish

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 Color Gamut

Wide Color Gamut increases the standard color gamut of 72% to 90%~99%, resulting in more vivid and brilliant colors. The greenest green, the bluest blue and the reddest red, the expanded color reproduction abilities of a 4K Ultra HD TV closer than ever to what we see in a digital cinema.

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 Perfect Picture Engine

The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colors are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. Motion is perfectly smooth.

High Dynamic Range 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.

45W soundbar

Front-facing 45W soundbar

Triple Ring technology

With enhanced Philips Triple Ring technology, we have an 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.



androidtv



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123 cm (49") Ambilight TV 2800 Picture Performance Index, HDR premium WCG 90%, P5 Perfect Picture Engine

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Specifications

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: 49 inch / 123 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Pixel engine: P5 Perfect Picture Engine
- Picture enhancement: Micro Dimming Pro, Ultra Resolution, Wide Color Gamut 90% DCI/P3, HDR Premium, 2800 PPI

Android TV

- OS: Android TV™ 8 (Oreo)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube
- Memory size(Flash): 16GB*

Smart TV Features

- User Interaction: SimplyShare
- Interactive TV: HbbTV
- Program: 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, 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
- 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): 45W
- Sound Features: Triple ring technology
- Sound Enhancement: Smart Sound, DTS-HD

Premium Sound, DTS Studio Sound, DTS TruSurround

- Speaker configuration: 2x7.5W mid-high speaker, 30W woofer

Connectivity

- Number of HDMI connections: 4
- Number of USBs: 2
- Number of component in (YPbPr): 1
- Wireless connections: Dual Band, Wi-Fi 802.11ac 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 HDMI1/2: up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10/HLG
- Computer inputs on HDMI3/4: up to 4K UHD 3840x2160 @60Hz
- Video inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10/HLG
- Video inputs on HDMI3/4: up to 4K UHD 3840x2160 @60Hz

Tuner/Reception/Transmission

- HEVC support
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide

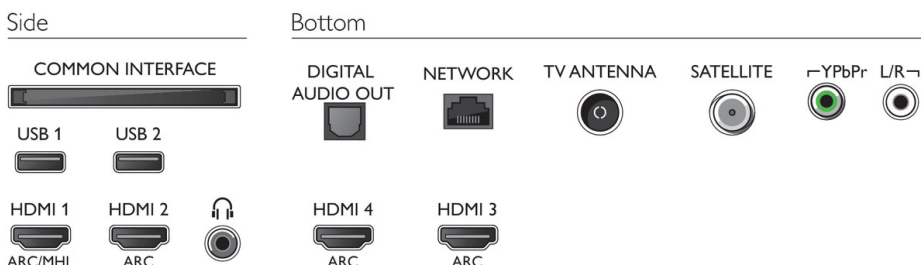
- Signal strength indication
- Teletext: 1000 page Hypertext

Power

- Mains power: AC 220 - 240 V 50/60Hz
- Off mode power consumption: N/A
- Standby power consumption: <0.3W
- 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 kWh
- Mercury content: 0 mg
- Presence of lead: Yes*



Connections



Issue date 2021-02-19

Version: 11.0.1

12 NC: 8670 001 51825
EAN: 87 18863 01523 0

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- * 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 offerings vary 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 UK, Germany, 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.
- * Google Assistant built-in will come as a software update for 2018 Android TVs.