



Philips The One
4K UHD LED Android TV

3 sided Ambilight TV

Major HDR formats supported
P5 Perfect Picture Engine
126 cm (50") Android TV



50PUS8517

The one to watch

4K UHD LED Android TV with Ambilight

Want a great picture for everything you love? How about super-easy connectivity and Philips Ambilight adding immersion that you just can't get anywhere else? When you want a hassle-free TV experience that fits right in, you want The One.

Designed for your home — and your life.

- Slim TV. Packed for the future.
- Stand width adjusts to accommodate a soundbar
- Attractive design

Flexible sound. Epic play. Easy control.

- Voice control. The Google Assistant. Works with Alexa.
- The one that's simply smart. Android TV.
- Philips Wireless Home System powered by DTS Play-Fi
- The one that's ready to game on any console.

Everything you want. Nothing you don't.

- The one with a vibrant HDR picture. Philips 4K UHD TV.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- Whatever the source, always perfection. Philips P5 engine.
- The one with magical Ambilight. Only from Philips.

PHILIPS

4K UHD LED Android TV

3 sided Ambilight TV Major HDR formats supported, P5 Perfect Picture Engine, 126 cm (50") Android TV

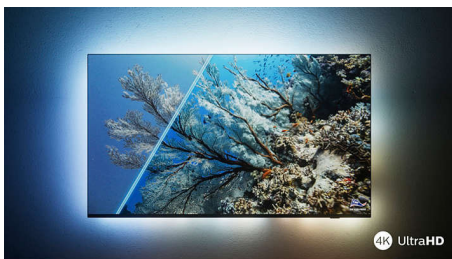
Highlights

The one with Ambilight.



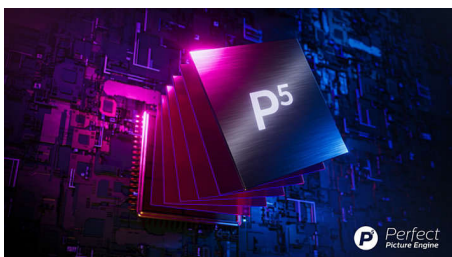
With Philips Ambilight, the brilliant experience of watching a Philips TV gets even bigger! LED lights around the edge of the TV glow and change colour in perfect sync with the colours of the on-screen action or your music. It's so warm and immersive, you'll wonder how you enjoyed TV without it.

Vibrant HDR picture



Want to experience a perfect picture for every scene? Your Philips 4K UHD TV is compatible with all major HDR formats, which means you get brilliant, sharp images. You'll see every detail, even in dark and bright areas.

P5 Perfect Picture engine



The Philips P5 engine delivers a picture 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. Motion is perfectly smooth.

Dolby Vision and Dolby Atmos



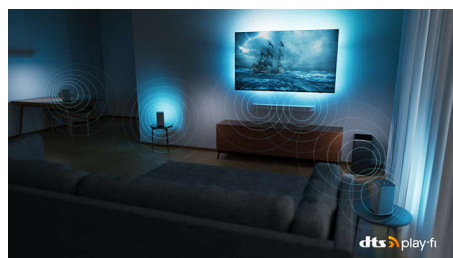
With Dolby Vision and Dolby Atmos on board, your films, shows and games look and sound incredible. See the picture that the director wanted you to see — no more disappointing scenes that are too dark to make out! Hear every word clearly. Experience sound effects like they're really happening around you.

Slim, attractive design



Looking for a TV that fits with your room? The virtually bezel-free screen of this 4K smart TV goes with just about any interior, and the beautifully geometric feet make it seem as if the screen is floating. Our packaging and inserts use recycled cardboard and paper.

DTS Play-Fi compatible

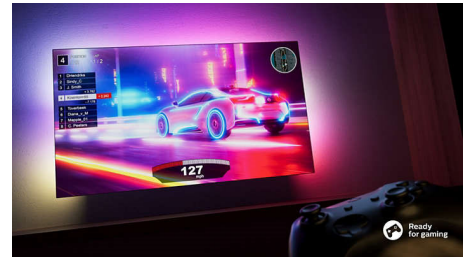


Philips Wireless Home System powered by DTS Play-Fi lets you connect to compatible soundbars and wireless speakers around your home in seconds. Listen to movies in the kitchen. Play music anywhere. You can even

50PUS8517/12

create a home-cinema surround-sound system using your Philips TV as a central speaker.

Ready for gaming



Your Philips TV is great for gaming. When you switch on your console, the TV automatically switches to an ultra-low-latency setting, which ensures responsive gameplay and incredibly smooth graphics. HDMI 2.1 and VRR are supported, and Ambilight gaming mode brings the thrill right into the room.

Android TV



Your Philips Android TV gives you the content you want—when you want it. You can customise the home screen to display your favourite apps, making it simple to start streaming the movies and shows you love. Or pick up where you left off.

AI voice control



Push a button on the remote to talk to the Google Assistant. Control the TV or Google Assistant-compatible smart home devices with your voice. Or ask Alexa to control the TV via Alexa-enabled devices.



4K UltraHD



Dolby VISION ATMOS

dts play-fi



androidtv

Ok Google

Specifications

Ambilight

- Ambilight Features: Built-in Ambilight+hue, Ambilight Music, Game Mode, Wall colour adaptive, Lounge mode, AmbiWakeUp, AmbiSleep, Philips Wireless Home Speakers, Ambilight Aurora, Ambilight Boot-Up Animation
- Ambilight Version: 3 sided

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (metric): 126 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160
- Native refresh rate: 60 Hz
- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Dolby Vision, HDR10+, Micro Dimming Pro, Film-maker mode, Natural Motion, Wide Colour Gamut 90% DCI/P3
- Diagonal screen size (inch): 50 inch

Display input resolution

- Resolution-Refresh rate: 576 p - 50 Hz, 640 x 480 - 60 Hz, 720 p - 50 Hz, 60 Hz, 2560 x 1440 - 60 Hz, 1920 x 1080p - 24 Hz, 25 Hz, 30 Hz, 3840 x 2160p - 24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz

Tuner/Reception/Transmission

- Digital TV: DVB-T/T2-T2-HD/C/S/S2
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Android TV

- OS: Android TV™ 11 (R)
- Pre-installed apps: Google Play Movies*, Google Search, YouTube, Netflix, BBC iPlayer, Amazon Prime Video, Disney+, Spotify, Apple TV, YouTube Music
- Memory size (Flash): 16 GB*

Smart TV Features

- Interactive TV: HbbTV
- Programme: Pause TV, USB recording*
- Remote Control: with Voice
- Voice assistant*: Google Assistant built in, RC with Mic., Works with Alexa

Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/ MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, VP9, HEVC (H.265), AV1
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10), FLAC

- Subtitles Formats Support: .SRT, .SUB, .TXT, .SMI, .ASS, .SSA
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

Processing

- Processing Power: Quad Core

Sound

- Output power (RMS): 20 W
- Speaker configuration: 2 x 10 W full-range speaker
- Sound Enhancement: Dolby Atmos®, Clear Dialogue, A.I. Sound, Night mode, A.I. EQ, Dolby Bass Enhancement, Dolby Volume Leveller, DTS Play-Fi, Mimi Sound Personalisation, Room Calibration

Connectivity

- Number of HDMI connections: 4
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 2
- Wireless connection: Wi-Fi 802.11ac, 2 x 2, Dual band, Bluetooth 5.0
- Other connections: Satellite Connector, Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out, Service connector
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes for all ports
- HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ALLM supported

Supported HDMI video features

- HDMI 1/2: HDMI 2.0
- Gaming: HDMI VRR, ALLM, HGiG, Dolby Vision Game
- HDMI 3/4: HDMI 2.0
- HDR: Dolby Vision, HDR10, HDR10+, HLG

EU Energy card

- EPREL registration numbers: 1160204
- Energy class for SDR: F
- On mode power demand for SDR: 65 kWh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 129 kWh/1000h
- Off mode power consumption: n.a.
- Networked standby mode: <2.0 W
- Panel technology used: LED LCD

Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Standby power consumption: <0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio), Eco mode

Accessories

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

Design

- Colours of TV: Anthracite grey bezel
- Stand design: Anthracite grey V sticks

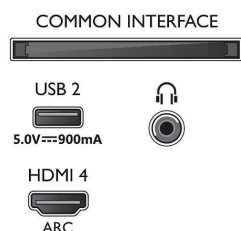
Dimensions

- Set Width: 1115.6 mm
- Set Height: 644.7 mm
- Set Depth: 80.6 mm
- Product weight: 12.6 kg
- Set width (with stand): 1115.6 mm
- Set height (with stand): 714.7 mm
- Set depth (with stand): 269.8 mm
- Product weight (+stand): 13.0 kg
- Box width: 1240.0 mm
- Box height: 785.0 mm
- Box depth: 150.0 mm
- Weight incl. Packaging: 17.2 kg
- Stand width: 729.2 mm
- Stand height: 70.0 mm
- Stand depth: 269.8 mm
- Distance between 2 stands: 729.2 mm
- Stand height to TV bottom edge: 70.0 mm
- Wall-mount compatible: 200 x 300 mm

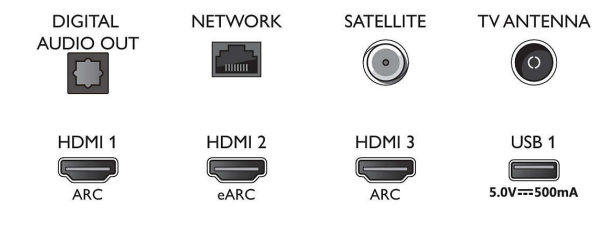


Connections

Side



Bottom



Issue date 2023-07-17

Version: 6.3.1

EAN: 87 18863 03407 1

© 2023 Koninklijke Philips N.V.
All Rights reserved.Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com

* 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.

* Memory size (Flash): 16 G, the actual available disc space may differ (dependant on e.g. (pre-)installed apps, installed operating system, etc.)

* 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.

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

* 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.

* Amazon Prime is available in selected languages and countries.

* Google Assistant is available on Philips Android TVs running on Android O (8) or higher OS version. Google Assistant is available in selected languages and countries.

* Netflix subscription required. Subject to terms on https://www.netflix.com

* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.

* Disney+ subscription required. Subject to terms at https://www.disneyplus.com (c) 2020 Disney and its related entities. Disney+ is available in selected languages and countries.

* Rakuten TV is available in selected languages and countries.