

Philips OLED
4K UHD Android TV

P5 AI perfect picture engine

Dolby Atmos sound
4 sided Ambilight TV
121 cm (48") Android TV



48OLED857

Vibrant. Beautiful. Immersive.

4K UHD OLED Android TV

Films that look so real that you'll feel like you're there. Games that respond so smoothly—and sound so thrilling—that you'll always want to play another level. Whatever you love, let this beautiful OLED TV with immersive Ambilight take you there.

Designed to mesmerise.

- This is what lifelike feels like. Philips OLED TV.
- More immersive than ever. 4-sided Ambilight.
- Whatever you watch, a picture so real. P5 engine with AI.
- Premium design. Packed for the future.

Smooth motion. True colour. Incredible depth.

- Bring IMAX home. IMAX Enhanced certified.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- Philips Wireless Home System powered by DTS Play-Fi
- Major HDR formats. See more of what the director intended.

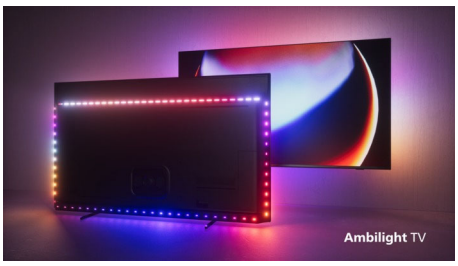
Flexible sound. Epic play. Easy control.

- Epic gaming. Ultra-low latency 120 Hz. G-sync, VRR, Freesync.
- Simply smart. Android TV.
- Voice control. The Google Assistant. Works with Alexa.

PHILIPS

Highlights

4 sided Ambilight



With Ambilight, the incredible experience of watching a Philips OLED TV gets even better! LED lights on all four sides 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.

P5 Picture Engine with AI



Philips P5 processor with AI delivers a picture so real it feels like you could step right into it. A deep-learning AI algorithm processes images in a manner similar to the human brain. No matter what you're watching, you get lifelike detail and contrast, rich colour and smooth motion.

Philips OLED TV

Want to feel the full power of every scene? The lifelike picture of your Philips OLED TV always looks great, even if viewed from an angle. Blacks are always black, never grey, and you'll see every detail in shadows or bright areas. All major HDR formats are supported—you'll feel immersed like never before.

Premium design

The ultra-thin metal bezel and metal T-bar stand in dark chrome lend this TV a real sense of style. The backlit remote is trimmed with soft, sustainably sourced Muirhead leather, and our packaging and inserts use recycled cardboard and paper.

IMAX Enhanced



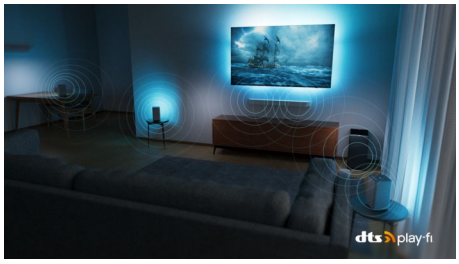
Welcome to Hollywood! Your Philips OLED TV lets you experience the full impact of films originally made to play in IMAX cinemas. Feel immersed with a far greater sense of scale. See more in every scene. Combined with Ambilight, you're in for a film night to remember.

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.

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

HDMI 2.1 VRR and low latency



Play without limits. Your HDMI 2.1-enabled Philips TV lets you make the most of your next-gen gear with super-responsive gameplay and incredibly smooth graphics. Make that jump, turn on a dime or drift perfectly through a corner—while Ambilight gaming mode makes every thrill bigger.

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.

ambilight 4 · AI Intelligent Picture Engine · OLED · IMAX ENHANCED · Dolby Vision·Atmos · dts play-fi · androidtv · Ok Google

4K UHD Android TV

P5 AI perfect picture engine Dolby Atmos sound, 4 sided Ambilight TV, 121 cm (48") Android TV

48OLED857/12

Specifications

Ambilight
- Ambilight Version: next generation 4 sided
- Ambilight Features: Built-in Ambilight+hue, Wall colour adaptive, Lounge mode, Game Mode, Ambilight Music, AmbiWakeup, AmbiSleep, Philips Wireless Home Speakers, Ambilight Aurora, Ambilight Boot-Up Animation

Picture/Display
- Display: 4K Ultra HD OLED
- Diagonal screen size (metric): 121 cm
- Panel resolution: 3840 x 2160
- Native refresh rate: 120 Hz
- Picture engine: P5 AI Perfect Picture Engine
- Picture enhancement: Wide Colour Gamut 99% DCI/P3, Dolby Vision, Perfect Natural Motion, Micro Dimming Perfect, A.I. PQ mode, CalMAN Ready, HDR10+ Adaptive, IMAX enhanced mode, Film-maker mode

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, 120 Hz, 1920 x 1080 p - 24 Hz, 25 Hz, 30 Hz, 50 Hz, 3840 x 2160 p - 24 Hz, 25 Hz, 30 Hz, 50 Hz, ,60 Hz, 100 Hz,120 Hz.

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

Processing
- Processing Power: Quad Core

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

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

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

Sound
- Audio: 2.1 Channel, Output power: 70 Watt (RMS)
- Codec: AC-4, Dolby Atmos®, DTS-HD(M6), Dolby Digital MS12 V2.5
- Speaker configuration: 10 W x 4 mid-high speaker, 30 W sub-woofer
- Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos®, Dolby Bass Enhancement, Dolby Volume Leveller, Night mode, A.I. EQ, DTS Play-Fi, Mimi Sound Personalisation, Room Calibration

Connectivity
- Number of HDMI connections: 4
- Number of USBs: 3
- Wireless connection: Wi-Fi 802.11ac, 2 x 2, Dual band, Bluetooth 5.0
- HDMI features: 4K, Audio Return Channel
- HDMI ARC: Yes for all ports
- HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ALLM supported, FreeSync Premium, G-SYNC Compatible, VRR on HDMI 1/2
- HDCP 2.3: Yes on all HDMI
- Other connections: Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out, Service connector, Satellite Connector
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play

Supported HDMI video features
- Gaming: HDMI VRR, ALLM, HGiG, Nvidia G-Sync compatible, AMD FreeSync Premium, Dolby Vision Game
- HDMI 1/2: HDMI 2.1 full bandwidth 48 Gbps, up to 4K 120 Hz
- HDMI 3/4: HDMI 2.0
- HDR: Dolby Vision, HDR10, HDR10+, HDR10+ Adaptive, HLG, UHDA

Multimedia Applications
- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, VP9, HEVC (H.265), AV1
- Subtitles Formats Support: .SMI, .SRT, .SUB, .TXT, .ASS, .SSA
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10), FLAC
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

Design
- Colours of TV: Metal bezel frame
- Stand design: Metal dark chrome T stand
- Remote control: with Muirhead leather

Dimensions
- Box dimensions (W x H x D): 1214.0 x 770.0 x 150.0 mm
- Set dimensions (W x H x D): 1068.5 x 611.8 x 68.0 mm
- Set dimensions with stand (W x H x D): 1068.5 x 683.0 x 230.0 mm
- Product weight: 13.9 kg
- Product weight (+stand): 16.3 kg
- Stand dimensions (W x H x D): 550.0 x 70.0 x 230.0 mm
- Weight incl. Packaging: 20.1 kg
- Wall-mount compatible: 300 x 300 mm

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

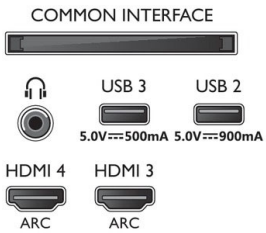
EU Energy card
- EPREL registration numbers: 1240501
- Energy class for SDR: G
- On mode power demand for SDR: 66 kWh/1000h
- Energy class for HDR: F
- On mode power demand for HDR: 56 kWh/1000h
- Off mode power consumption: n.a.
- Networked standby mode: <2.0 W
- Panel technology used: OLED



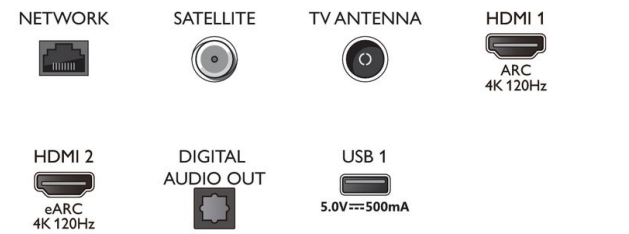
* Philips OLED TV panels have been certified as flicker-free and discomfort glare free by UL.
* EPG and actual visibility (up to 8 days) is country- and operator-dependent.
* Android App offerings vary per country. For more details please visit your local Google Play Store.
* The TV supports DVB reception 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.
* Memory size (Flash): 16 G, the actual available disc space may differ (dependant on e.g. (pre-)installed apps, installed operating system, etc.)
* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.
* Amazon Prime 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.
* 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
* Rakuten TV is available in selected languages and countries.

Connections

Side



Bottom



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