



Philips OLED
4K Ambilight TV

121 cm (48") Ambilight TV

P5 AI perfect picture engine
Dolby Atmos sound
Google TV™



48OLED708

Whatever you watch. Whatever you play.

4K Ambilight TV

Our most affordable OLED TV brings you closer to everything you love. The lifelike picture, Dolby Atmos sound and Ambilight's immersive halo create cinema-sized excitement for every show, film and game. Right there in your living room.

True colour. Incredible depth. Flexible sound.

- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- Philips Wireless Home System powered by DTS Play-Fi
- Supports all major HDR formats.

4K OLED Ambilight TV. Where TV comes alive.

- Immerse yourself in what you love. Ambilight TV.
- Premium design. Packed for the future.
- Whatever you watch, a picture so real. P5 engine with AI.
- Detail and depth. OLED Ambilight TV.

Epic play. Smart control.

- Voice control. Google Assistant. Works with Alexa.
- Epic gaming. 120 Hz, ultra-low lag, G-sync, VRR, FreeSync.
- Entertainment you love, with a little help from Google.

PHILIPS

4K Ambilight TV
121 cm (48") Ambilight TV P5 AI perfect picture engine, Dolby Atmos sound, Google TV™

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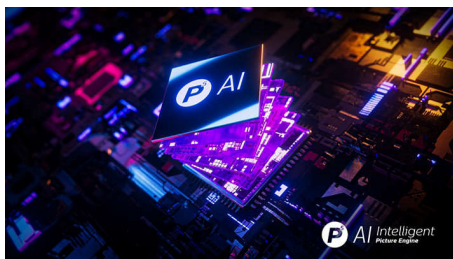
Highlights

Ambilight TV



Ambilight TVs are the only TVs with LED lights behind the screen that react to what you watch, immersing you in a halo of colourful light. It changes everything: your TV seems bigger, and you'll be drawn deeper into your favourite shows, movies and games.

P5 AI perfect picture engine



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.

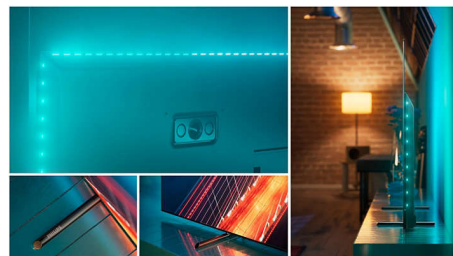
OLED Ambilight TV



The lifelike picture of your 4K (UHD) OLED Ambilight TV always looks incredible, even if viewed at an angle. Blacks are always black, not gray, and you'll see every detail in shadows or bright areas. All major HDR formats are

supported—you'll feel the full power of every scene.

Premium design



The almost bezel-free screen seems to float on slender satin-chrome feet, which lend this TV a real sense of style. Our packaging uses FSC-certified recycled cardboard and our printed materials use recycled paper.

Dolby Vision and Dolby Atmos

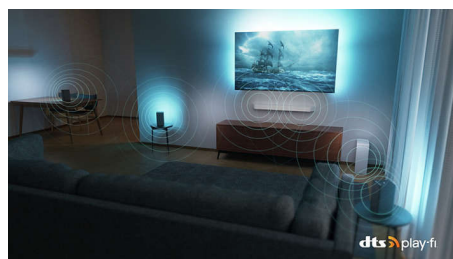


With Dolby Vision and Dolby Atmos on board, your films, shows and games look and sound incredible. See the picture that the director wanted you to see — no more disappointing scenes that are too dark to make out! Hear every word clearly. Experience sound effects like they're really happening around you.

HDR supported

Supports all major HDR formats.

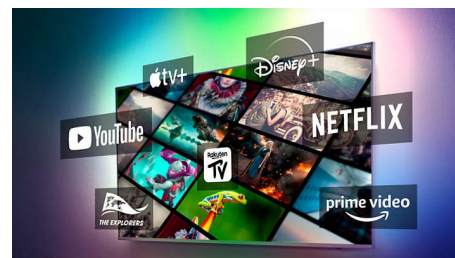
DTS Play-Fi



You get great, clear TV sound straight out of the box. If you want more, the Philips Wireless

Home System with DTS Play-Fi lets you connect to compatible soundbars and wireless speakers around your home in seconds. You can even create a home cinema surround-sound system using your TV as a central speaker.

Google TV™



What do you want to watch? Google TV brings together movies, shows, and more from across your apps and subscriptions, and organises them just for you. You'll get suggestions based on what you like, and you can even use the Google TV app on your phone to curate your watchlist on the go.

AI voice control



You get a choice of voice assistants! Push the Google Assistant button on your remote and you can use your voice to find movies and shows, get recommendations, control compatible smart home devices, and more. Or ask Alexa to control the TV via Alexa-enabled devices.

AMBILIGHT tv

P AI Intelligent Picture Engine

OLED

Dolby VISION-ATMOS

Google TV

Ok Google

NVIDIA G-SYNC

Specifications

Ambilight

- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight Music, AmbiWakeup, AmbiSleep, Works with Philips Wireless Home Speakers, Ambilight Boot-Up Animation
- Ambilight Version: 3 sided

Picture/Display

- Diagonal screen size (metric): 121 cm
- Display: 4K Ultra HD OLED

- Panel resolution: 3840 x 2160
- Native refresh rate: 120 Hz
- Picture engine: P5 AI Perfect Picture Engine
- Picture enhancement: Wide Colour Gamut 97% DCI/P3, Perfect Natural Motion, Micro Dimming Perfect, Dolby Vision, A.I. PQ mode, CalMAN Ready, HDR10+ Adaptive, Film-maker mode, HLG (Hybrid Log Gamma)
- Diagonal screen size (inches): 48

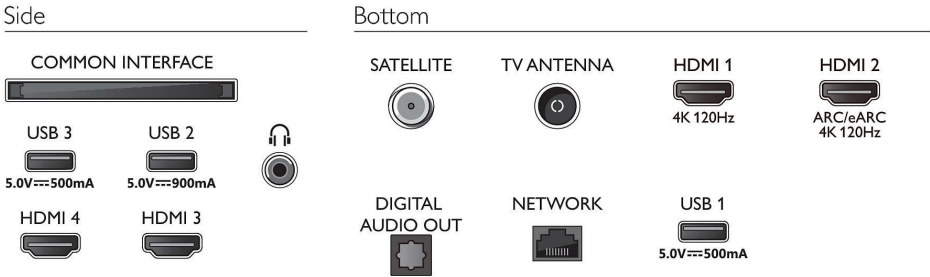
Display input resolution

- Resolution-Refresh rate: 576 p - 50 Hz, 640 x 480 - 60 Hz, 720 p - 50 Hz, 60 Hz, 1920 x 1080 p - 24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz, 100 Hz,120 Hz., 2560 x 1440 - 60 Hz, 120 Hz, 3840 x 2160 p - 24 Hz, 25 Hz, 30 Hz, 50 Hz, , 60 Hz, 100 Hz, 120 Hz.

Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- TV Programme guide*: 8-day Electronic

Connections



Specifications

- Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Android TV

- OS: Google TV™
- Pre-installed apps: Google Play Movies*, Google Search, YouTube, Netflix, Apple TV, Amazon Prime Video, Disney+, Fitness App, YouTube Music, Ambilight Aurora
- Memory size (Flash): 16 GB*
- Gaming cloud: Geforce Now

Smart TV Features

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

Processing

- Processing Power: Quad Core

Sound

- Audio: 2.0 Channel, Output power: 40 watts (RMS)
- Speaker configuration: 10 W x 4 mid-high speaker
- Codec: Dolby Digital MS12 V2.6.1, DTS:X, Dolby Atmos®, AC-4
- 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
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 3
- Wireless connection: Wi-Fi 802.11ac, 2 x 2, Dual band, Bluetooth 5.0
- Other connections: Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out, Service connector, Satellite Connector
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes on HDMI2

- HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ALLM supported, Max 48 Gbps data rate
- EasyLink 2.0: HDMI-CEC for Philips TV/SB, External setting via TV UI

Supported HDMI video features

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

EU Energy card

- EPREL registration numbers: 1537977
- 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: 61 kWh/1000h
- Off mode power consumption: n.a.
- Networked standby mode: 2.0 W
- Panel technology used: OLED

Power

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

Accessories

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

Design

- Colours of TV: Metal bezel frame
- Stand design: Satin chrome sticks

Dimensions

- Set Width: 1070.0 mm
- Set Height: 618.0 mm
- Set Depth: 58.0 mm
- Product weight: 13.8 kg
- Set width (with stand): 1070.0 mm
- Set height (with stand): 633.0 mm
- Set depth (with stand): 209.0 mm
- Product weight (+stand): 14.0 kg
- Box width: 1214.0 mm
- Box height: 770.0 mm
- Box depth: 150.0 mm
- Weight incl. Packaging: 17.5 kg
- Stand width: 783.0 mm
- Stand height: 22.0 mm
- Stand depth: 209.0 mm
- Distance between 2 stands: 783.0 mm
- Stand height to TV bottom edge: 22.0 mm
- Wall-mount compatible: 300 x 300 mm



Issue date 2023-10-21

Version: 6.6.1

EAN: 87 18863 03708 9

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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.
- * 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.
- * Philips OLED TV panels have been certified as flicker-free and discomfort glare free by UL.
- * 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 (dependent 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>
- * Google TV is the name of this device's software experience and a trademark of Google LLC.
- * Google TV is the name of this device's software experience and a trademark of Google LLC. YouTube, OK Google and other marks are trademarks of Google LLC.