



Philips OLED+
4K Ambilight TV

194 cm (77") Ambilight TV

Sound by Bowers & Wilkins
P5 AI picture engine
Google TV™



77OLED908

Dive right in

4K Ambilight TV-Bowers & Wilkins sound

Why watch when you can immerse? With its lifelike picture, Bowers & Wilkins sound, and immersive Ambilight-our brightest OLED+ TV will draw you into your favorite worlds. You'll see every detail, even if you're watching in a well-lit room.

Our ultimate experience. Packed responsibly.

- Premium design. Packed for the future.
- Slender remote with motion sensor and USB-C charging
- Bring IMAX home. IMAX Enhanced certified
- Cinematic vision and sound. Dolby Vision and Dolby Atmos
- Bright OLED META panel. TV supports all major HDR formats

Your entertainment. Taken care of beautifully.

- Philips Wireless Home System powered by DTS Play-Fi
- Epic gaming. 120 Hz, ultra-low lag, G-sync, VRR, FreeSync
- Entertainment you love, with a little help from Google

PHILIPS

4K Ambilight TV
194 cm (77") Ambilight TV Sound by Bowers & Wilkins, P5 AI picture engine, Google TV™

Highlights

Premium design



The virtually bezel-free screen and compact metal stand make it easy to position this smart-looking OLED+ TV, and our packaging uses recycled cardboard and paper. The slender remote features motion-activated backlighting and charges via USB-C.

Premium design

Slender remote with motion sensor and USB-C charging

IMAX Enhanced



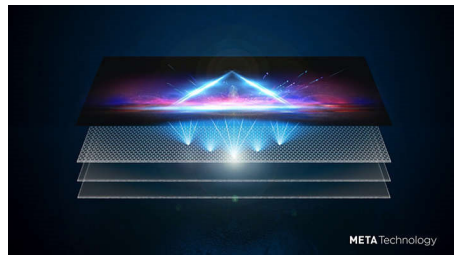
Welcome to Hollywood! Your Philips OLED TV lets you experience the full impact of movies originally made to play in IMAX cinemas. Immerse in a far greater sense of scale. See more in every scene. Combined with Ambilight, you're in for a movie night to remember.

Dolby Vision and Dolby Atmos



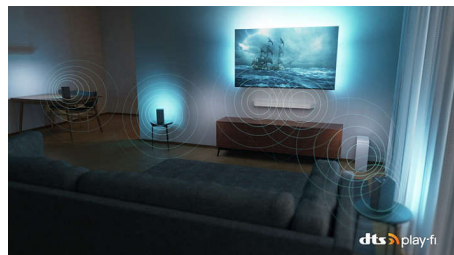
With Dolby Vision and Dolby Atmos on board, your films, shows, and games look and sound incredible. See the picture the director wanted you to see no more disappointing scenes that are too dark to make out! Hear every word clearly. Experience sound effects like they're really happening around you.

OLED META panel technology



Bright OLED META panel. TV supports all major HDR formats

DTS Play-Fi compatible



Philips Wireless Home System with DTS Play-Fi lets you connect your TV to compatible

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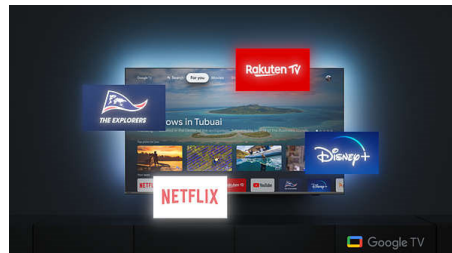
wireless speakers around your home in seconds. Listen to movies in the kitchen. Play music anywhere. You can even create a home-theater surround-sound system using your OLED+ Ambilight TV as a central speaker.

Epic gaming



Play without limits and immerse in OLEDs incredible realism! HDMI 2.1, a blazing-fast 120 Hz native refresh rate, and ultra-low input lag get the best out of next-gen gaming gear with fluid, responsive gameplay, super-smooth natural motion, and great-looking graphics. Ambilight's gaming mode brings even bigger thrills.

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.

Specifications

Ambilight

- Ambilight Features: Ambilight Music, Game Mode, Wall colour adaptive, Lounge mode, AmbiSleep, AmbiWakeup, Ambilight Bootup Animation, Philips Wireless Home Speakers
- Ambilight Version: next generation 3-sided

Picture/Display

- Diagonal screen size (inch): 77 inch
- Diagonal screen size (metric): 194 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 Color Gamut 99% DCI/P3, Dolby Vision, Perfect Natural Motion, A.I. PQ mode, CalMAN Ready, Micro Dimming Perfect, Filmmaker mode, HDR10+ Adaptive, IMAX enhanced mode

Display input resolution

- Resolution-Refresh rate: 576p-50Hz, 640x480-60Hz, 720p-50Hz,60Hz, 1920x1080p-24Hz,25Hz,30Hz,50Hz, , 60Hz,100Hz,120Hz,, 2560x1440-60Hz,120Hz, 3840x2160p-24Hz,25Hz,30Hz,50Hz, ,60Hz,100Hz,120Hz.

Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- Video Playback: PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Android TV

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

Smart TV Features

- Interactive TV: HbbTV
- 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, .SML, .ASS, .SSA
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

Processing

- Processing Power: Quad Core

Sound

- Audio: Sound by Bowers & Wilkins, 3.1 Channel, Output power : 80 Watt (RMS)
- Speaker configuration: 8.5W x6, woofer 30W
- Codec: AC-4, Dolby Atmos, DTS-HD(M6), Dolby Digital MS12 V2.5
- Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode, A.I. EQ, 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 6, Bluetooth 5.2
- Other connections: Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out, Satellite Connector, Service 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 48Gbps data rate

Supported HDMI video features

- HDMI 1/2: HDMI 2.1 full bandwidth 48Gbps, upto 4K 120Hz
- Gaming: HDMI VRR, ALLM, HGiG, AMD FreeSync Premium, Dolby Vision Game, 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: 1574600
- Energy class for SDR: G
- On mode power demand for SDR: 147 Kwh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 143 Kwh/1000h
- Off mode power consumption: n.a.
- Networked standby mode: 2.0W W
- Panel technology used: OLED

Power

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

Accessories

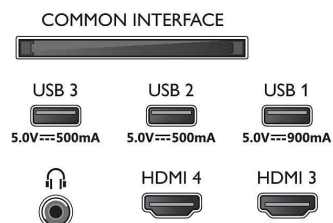
- Included accessories: 2 x AAA Batteries, Legal and safety brochure, Power cord, Quick start guide, Remote Control, Table top stand

Design

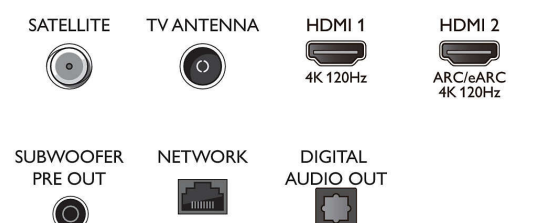
- Colors of TV: Metal bezel frame
- Stand design: Satin chrome plate, Swivel +/- 15 degree

Connections

Side



Bottom



Issue date 2023-07-14

Version: 1.1.0

EAN: 87 18863 03849 9

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* 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.

* 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.

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

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

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

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

* 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.

* Netflix subscription required. Subject to terms at <https://www.netflix.com>

* 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.

* 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.