



Philips OLED+
4K Ambilight TV

139 cm (55") Ambilight TV

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



55OLED909

Immersion feels like this

4K Ambilight TV-Bowers & Wilkins sound

Go deeper into the action, the emotion and the music with this bright OLED+ TV. With 4-sided Ambilight, a jaw-droppingly lifelike picture and detailed Bowers & Wilkins sound, you get a more thrilling and immersive experience every time.

4K OLED+ Ambilight TV. Immerse in lifelike.

- All-around immersion. 4-sided Ambilight TV.
- Legendary Bowers & Wilkins sound.
- Whatever you watch, a picture so real. P5 engine with AI.
- Entertainment you love, with a little help from Google.

Our ultimate experience. Packed responsibly.

- Epic gaming. Ultra-low lag, 144 Hz* VRR, G-sync, FreeSync.
- Thoughtful design. Responsible packaging.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- Bring IMAX home. IMAX Enhanced certified.

Your entertainment. Taken care of beautifully.

- Supports all major HDR formats
- Easily connect to smart home networks and voice assistants.
- Compatible with Matter and Control4.
- Philips Wireless Home System powered by DTS Play-Fi.

PHILIPS

4K Ambilight TV
139 cm (55") Ambilight TV Sound by Bowers & Wilkins, P5 AI picture engine, Google TV™

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Specifications

Ambilight

- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight Music, Sunrise Alarm, AmbiSleep, Ambilight FTI Animation
- Ambilight Version: 4 sided

Picture/Display

- Diagonal screen size (inch): 55 inch
- Diagonal screen size (metric): 139 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: Perfect Natural Motion, Micro Dimming Perfect, Wide Colour Gamut 99% DCI/P3, Dolby Vision, A.I. PQ mode, CalMAN Ready, IMAX enhanced mode, HDR10+ Adaptive, Film-maker mode

Display input resolution

- Resolution-Refresh rate: 576 p - 50 Hz, 640 x 480 - 60 Hz, 1920 x 1080p -24/25/30/50/ 60/100/120Hz, 720 p - 50 Hz, 60 Hz, 2560 x 1440 - 60 Hz, 120 Hz, 3840x2160p - 24/25/30/50/60/100/120Hz

Tuner/Reception/Transmission

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

Smart TV Features

- Interactive TV: HbbTV
- Voice assistant*: Google Assistant built in, RC with Mic., Works with Alexa

Multimedia Applications

- Video Playback Formats: AVI, MKV, HEVC, H.264/ MPEG-4 AVC, MPEG1, MPEG2, MPEG4, VP9, HEVC (H.265), AV1
- Music Playback Formats: MP3, WAV, AAC, FLAC
- Subtitles Formats Support: SRT, SMI, SSA, SUB, ASS, TXT
- Picture Playback Formats: JPEG, GIF, PNG, BMP, HEIF

Processing

- Processing Power: Quad Core

Sound

- Audio: Sound by Bowers & Wilkins, 3.1 Channel, Output power: 81 Watt (RMS)
- Speaker configuration: 8.5 W x 6, woofer 30 W
- Codec: AC-4, Dolby Atmos®, Dolby Digital MS12 V2.6.1, DTS:X
- Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos®, Dolby Bass Enhancement, Dolby Volume Leveller, 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: 2
- Wireless connection: Wi-Fi 6, Bluetooth 5.2, Wi-Fi 802.11ax, 2x2, Dual band
- 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

Supported HDMI video features

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

EU Energy card

- EPREL registration numbers: 1948359
- Energy class for SDR: G
- On mode power demand for SDR: 84 kWh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 106 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 with wireless charging, Tabletop stand, Power cord, Quick start guide, Legal and safety brochure, 1 x Li-on battery, 1x USB-C cable for remote control charging

Design

- Colours of TV: Metal bezel frame
- Stand design: Black sticks

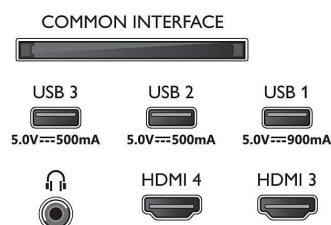
Dimensions

- Weight incl. Packaging: 23.7 kg
- Distance between 2 stands: 631 mm
- Stand height to TV bottom edge: 21 mm
- Wall-mount compatible: 300 x 300 mm
- TV without stand (W x H x D): 1225 x 740 x 56 mm
- TV with stand (W x H x D): 1225 x 761 x 240 mm
- Package carton (W x H x D): 1400 x 920 x 170 mm
- Weight of TV without stand: 18.2 kg
- Weight of TV with stand: 18.5 kg

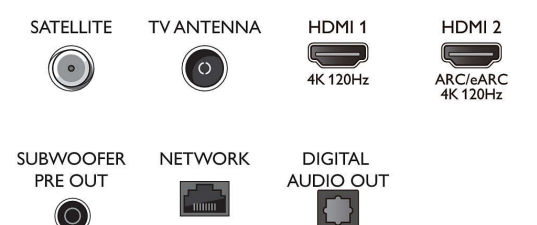


Connections

Side



Bottom



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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' broadcasts. 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
- * Memory size (Flash) : 16 G, the actual available disc space may differ (dependent on e.g. (pre-)installed apps, installed operating system, etc.)
- * EPG and actual visibility (up to 8 days) is country- and operator-dependent.
- * 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 on <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.
- * 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.
- * Over-the-top media services button on the remote control will be different in each country. Please refer to the actual product in the box.
- * Apple, AirPlay and Apple Home are trademarks of Apple Inc., registered in the U.S. and other countries and regions.
- * 144 Hz HDMI VRR, G-sync and FreeSync are achievable when gaming on a PC, connected to your OLED+ TV via HDMI