



Philips OLED+
4K UHD Android TV -
Bowers&Wilkins Sound

Sound by Bowers & Wilkins

4-sided Ambilight TV
P5 AI dual picture engine
121 cm (48") Android TV



48OLED936

Superb. From what you see to what you hear.

OLED+ 4K UHD Android TV

A TV that any sofa would be proud to point at. Be captivated by inky blacks and rich OLED colour, the crystal clarity of Bowers & Wilkins Sound. And Ambilight - filling the room with the excitement of everything you watch - or play.

Designed to thrill.

- The difference is real. Philips OLED+ TV with HDR.
- The magic of Ambilight. Only from Philips.
- Thrilling 3D sound. Bowers & Wilkins meets Dolby Atmos.
- Eye catching. Premium design from stand to remote.
- Great for gaming. Low latency on any console.

Incredible picture. Bowers & Wilkins sound.

- Whatever you watch, a picture so real. P5 AI Dual engine.
- 3.1.2 sound system. Up-firing speakers for Dolby Atmos
- Integrated sub-woofer and full-range drivers
- Tweeter-on-top design. For pristine dialogue.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos.

Content at your command.

- Simply smart. Android TV.
- Voice control. The Google Assistant. Works with Alexa.

PHILIPS

4K UHD Android TV - Bowers&Wilkins Sound

Sound by Bowers & Wilkins 4-sided Ambilight TV, P5 AI dual picture engine, 121 cm (48") Android TV

Highlights

Sound by Bowers & Wilkins.

A car chase. A whisper. The music. The exclusive Bowers & Wilkins sound enclosure brings a thrillingly lifelike performance to whatever you're watching. The iconic tweeter-on-top design keeps dialogue pristine. Up-firing speakers let you get the most out of immersive Dolby Atmos.

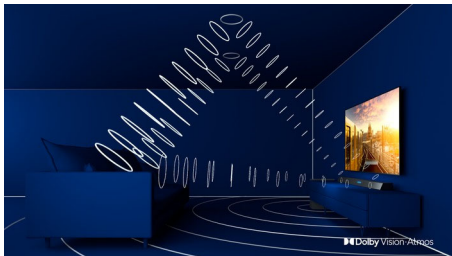
P5 AI Dual engine

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

Philips OLED+ TV with HDR

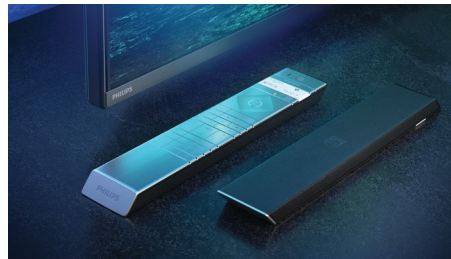
A Philips 4K UHD OLED+ TV is compatible with all major HDR formats. Whether it's a must-watch series or the latest game, every scene will be full of rich detail. If you're watching or playing in a brightly lit room, your TV automatically adjusts the picture so it still looks amazing.

Dolby Vision and Dolby Atmos.



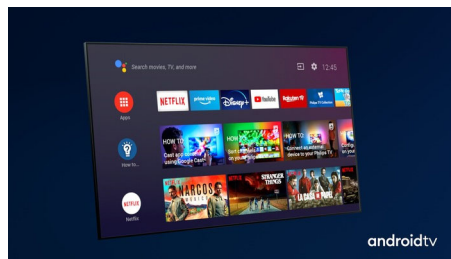
Support for Dolby's premium sound and video formats means the HDR content you watch and play will look and sound glorious. You'll enjoy a picture that reflects the director's original intentions and experience spacious sound with real clarity and depth. Great for every movie, show, and game.

Premium materials.



Premium materials make all the difference to this OLED+ TV. The micro-mesh speaker grille is topped with Kvadrat's acoustically transparent wool-blend speaker fabric, which allows the sound to flow freely into the room. The backlit remote is finished with soft, responsibly sourced Muirhead leather.

Simply smart. Android TV



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

HDMI 2.1 VRR and low latency

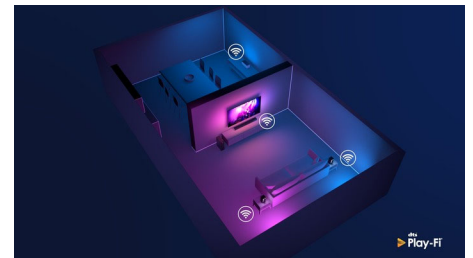


Your Philips OLED+ TV lets you make the most of your next-gen gaming gear. When you

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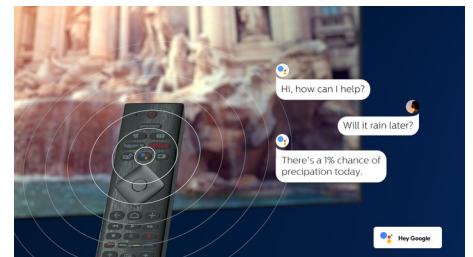
switch on your console, your TV automatically enters a special gaming mode—which ensures fast, responsive gameplay and incredibly smooth graphics. Ambilight's gaming mode brings the thrill into the room.

DTS Play-Fi compatible



With DTS Play-Fi on your Philips TV you can connect to compatible speakers in any room. Got wireless speakers in the kitchen? Listen to the movie while you make a snack or keep up with the sports commentary while you get everyone drinks.

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.

Specifications

Ambilight

- Ambilight Version: 4-sided
- Ambilight Features: Built in Ambilight+hue, Ambilight Music, Wall colour adaptive, Lounge mode, AmbiSleep, Sunrise Alarm, AmbiWakeup, Game Mode, Philips Wireless Home Speakers

Picture/Display

- Display: 4K Ultra HD OLED
- Diagonal screen size: 48 inch / 121 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Pixel engine: P5 AI Dual Picture Engine
- Picture enhancement: Ultra Resolution, Wide Color Gamut 99% DCI/P3, Dolby Vision, HDR10+, Perfect Natural Motion, A.I. PQ mode, CalMAN Ready, ISF Color Management, Micro Dimming Perfect

Supported Display Resolution

- Computer inputs on all HDMI: HDR supported, HDR10+/HLG, HDR supported, HDR10/ HLG, up to 4K UHD 3840 x 2160@120Hz
- Video inputs on all HDMI: HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision, up to 4K UHD 3840 x 2160@120Hz

Android TV

- OS: Android TV™ 10 (Q)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube, BBC iPlayer, Netflix, Amazon instant video, Amazon Prime Video, Disney+, Fitness App, Spotify
- Memory size(Flash): 16GB*

Smart TV Features

- Interactive TV: HbbTV
- Program: Pause TV, USB recording*
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop smart menu button, Onscreen usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to screen, Advance - Shift, Zoom, stretch, Wide screen
- Remote Control: with Voice, with Key light, with

Muirhead leather

- User Interaction: SimplyShare
- Voice assistant*: Google Assistant built-in, RC with Mic., Works with Alexa

Processing

- Processing Power: Quad Core

Tuner/Reception/Transmission

- HEVC support
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext

Connectivity

- Number of HDMI connections: 4
- Number of USBs: 3
- Wireless connections: Wi-Fi 802.11ac, 2x2, Dual band, Bluetooth 5.0
- Other connections: Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out, Satellite Connector, Service connector
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes for all ports
- HDMI eARC: Yes on HDMI2
- HDMI VRR: Yes on all HDMI ports, FreeSync Premium

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: .SRT, .SUB, .TXT, .SMI
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

EU Energy card

- EPREL registration numbers: 779370
- Diagonal screen size (inch): 48

- Diagonal screen size (metric): 121
- Energy class for SDR: G
- On mode power demand for SDR: 90 Kwh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 84 Kwh/1000h
- Networked standby mode: <2.0 W
- Off mode power consumption: n.a.
- Panel technology used: OLED

Sound

- Audio: Sound by Bowers & Wilkins, 3.1.2 Channel, Output power : 70 Watt (RMS)
- Codec: AC-4, Dolby Atmos, Dolby Digital MS12 V2.3, DTS-HD(M6)
- Speaker configuration: 10W x2, 5W x1, woofer 20W, height 12.5W x2
- Sound Enhancement: 5 Band Equalizer, A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode, A.I. EQ



Connections



Issue date 2021-08-17

Version: 4.2.1

12 NC: 8670 001 76687
EAN: 87 18863 02942 8

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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.
- * Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- * 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.
- * Smart TV app offerings vary per TV model and country. For more details please visit: www.philips.com/smarttv.
- * 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) : 16G, 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.
- * 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.
- * 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 at <https://www.netflix.com>
- * Rakuten TV is available in selected languages and countries.