Philips OLED
4K UHD OLED Android TV

P5 AI perfect picture engine

Dolby Atmos sound
3 sided Ambilight TV
139 cm (55") Android TV

55OLED706

Lifelike picture. Magical light.

4K UHD OLED Android TV

Whatever you love, this OLED TV sets it alight. A richly detailed, beautifully realistic picture combines with Philips unique Ambilight to make movie night a blockbuster event, while every gaming session takes you to another world.

Designed to mesmerise.
- This is what lifelike feels like. Philips OLED TV.
- The one with magical Ambilight. Only from Philips.
- Premium design. From stand to remote

Smooth motion. True colour. Incredible depth.
- Whatever you watch, a picture so real. P5 engine with AI.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos
- Vibrant HDR picture. Philips 4K UHD TV.
- Great for gaming. Ultra-low latency on any console

Content at your command.
- Simply smart. Android TV.
- Voice control. The Google Assistant. Works with Alexa.
- Multi-room audio. DTS Play-Fi

PHILIPS

Highlights

3 sided Ambilight

With Philips Ambilight, every moment feels closer. Intelligent LEDs around the edge of the TV respond to the on-screen action and emit an immersive glow that's simply captivating. Experience it once and wonder how you enjoyed TV without it.
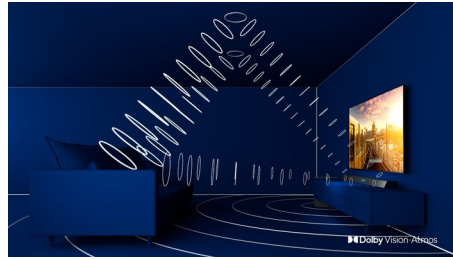
P5 engine with AI

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

With a Philips OLED TV, you get a wider viewing angle and a uniquely lifelike picture. Blacks are deeper. Colours are truer. Details in shadows and highlights are precisely reproduced. All major HDR formats are supported. You'll feel the full power of every scene.

Dolby Vision + Dolby Atmos

Support for Dolby's premium sound and video formats means that the HDR content that you watch 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.

Premium materials

Every inch of this TV looks and feels premium. The ultra-thin metal bezel. The beautiful aluminium feet. Or the remote with a backlit Ambilight key, which makes it easy to turn on Ambilight—even in the dark.

Simply smart. 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.
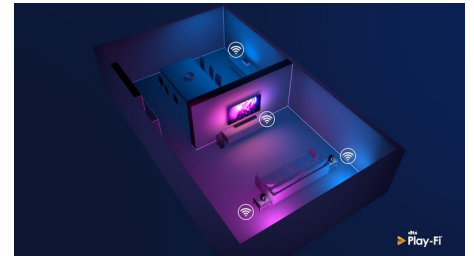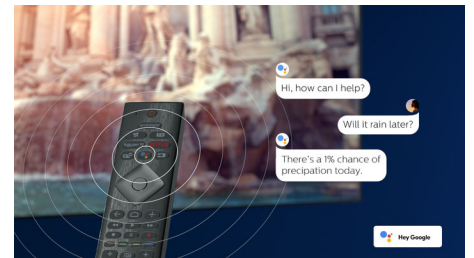
HDMI 2.1 VRR and low latency

Your Philips TV boasts the latest HDMI 2.1 connectivity and automatically switches to an ultra-low-latency setting when you start playing a game on your console. VRR and Freesync are supported for smooth fast-action gameplay. Ambilight's gaming mode brings the thrill right 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 film 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: 3 sided
- Ambilight Features: Built-in Ambilight+hue, Ambilight Music, Game Mode, Wall colour adaptive, Lounge mode, AmbiWakeup, AmbiSleep, Philips Wireless Home Speakers

Picture/Display
- Display: 4K Ultra HD OLED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Pixel engine: P5 AI Perfect Picture Engine
- Picture enhancement: Ultra Resolution, Wide Colour Gamut 99% DCI/P3, Dolby Vision, HDR10+, Perfect Natural Motion, A.I. PQ mode, ISF Colour Management, Micro Dimming Perfect, CalMAN Ready

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, Amazon instant video, BBC iPlayer, Netflix, Amazon Prime Video, Disney+, Fitness App, Spotify
- Memory size (Flash): 16 GB*

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 Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext

Connectivity
- Number of HDMI connections: 4
- Number of USBs: 3
- Wireless connections: Wi-Fi 802.11ac, 2 x 2, 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

Power
- Mains power: AC 220 - 240 V 50/60 Hz
- Standby power consumption: <0.3 W
- Ambient temperature: 5°C to 35°C
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio), Eco mode

EU Energy card
- EPREL registration numbers: 589970
- Diagonal screen size (inch): 55
- Diagonal screen size (metric): 139
- Energy class for SDR: G
- On mode power demand for SDR: 105 W
- Energy class for HDR: G
- On mode power demand for HDR: 89 W
- Networked standby mode: <2.0 W
- Off mode power consumption: n.a.
- Panel technology used: OLED

Sound
- Audio: Output power: 50 Watt (RMS), 2.1 Channel
- Codec: AC-4, Dolby Atmos®, DTS-HD(M6), Dolby Digital MS12 V2.5
- Speaker configuration: 10 W x 2 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

Dimensions
- VESA wall mount compatible: 300 x 300 mm
- Box dimensions (W x H x D): 1400.0 x 860.0 x 160.0 mm
- Product weight: 19.0 kg
- Product weight (+stand): 19.4 kg
- Set dimensions (W x H x D): 1227.8 x 705.6 x 58.0 mm
- Set dimensions with stand (W x H x D):

- 1227.8 x 722.4 x 230.0 mm
- Stand dimensions (W x H x D): 797.5 x 19.0 x 230.0 mm
- Weight incl. Packaging: 27.9 kg

Accessories
- Included Accessories: Legal and safety brochure, Power cord, Quick start guide (x 1), Remote Control, Tabletop stand
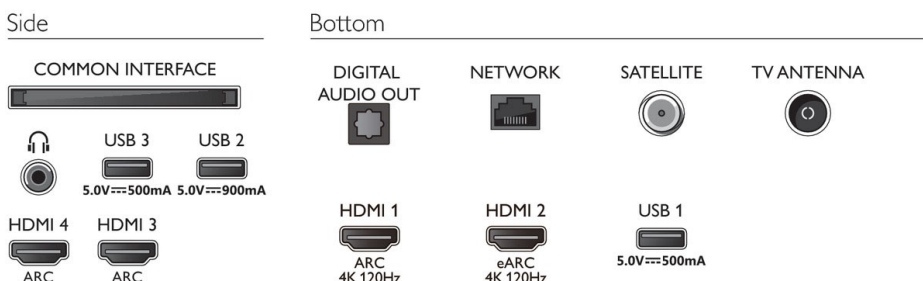- Included batteries: 2 x AAA Batteries

Design
- Colours of TV: Metal bezel frame
- Stand design: Metal dark chrome facet sticks

Smart TV Features
- Interactive TV: HbbTV
- Programme: Pause TV, USB recording*
- Ease of Installation: Auto detect Philips devices, Network installation wizard, Settings assistant wizard, Device connection wizard
- Ease of Use: One-stop smart menu button, On-screen user manual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade, FW download in background
- Screen Format Adjustments: Basic - Fill Screen, Fit to screen, Advance - Shift, Zoom, stretch, Wide screen
- Remote Control: with Voice
- User Interaction: SimplyShare
- Voice assistant*: Google Assistant built in, RC with Mic., Works with Alexa

Connections

Side

COMMON INTERFACE

🎧 USB 3 USB 2
5.0V⎓500mA 5.0V⎓900mA

HDMI 4 HDMI 3
ARC ARC

Bottom

DIGITAL AUDIO OUT NETWORK SATELLITE TV ANTENNA

HDMI 1 HDMI 2 USB 1
ARC eARC 5.0V⎓500mA
4K 120Hz 4K 120Hz

* *Memory size (Flash): 16 GB (the actual available disk space may differ depending on e.g. (pre-)installed apps, installed operating system etc.)
* 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.
* 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.
* Cloud Gaming offering depends on game providers.