

PHILIPS

4K Ambilight TV

OLED+

Ambilight TV, AmbiScape

4K OLED. Up to 165Hz

P5 AI dual Intelligent Engin

IntelliSound



77OLED951

Our ultimate sound and vision experience

Our finest OLED+ TV is for those who want to indulge in our most perfectly bright and lifelike dual AI picture engine and four-sided Ambilight's matchless immersion. Pair with a high-end sound system for an experience that's like no other.

4K OLED+ Ambilight TV. Ultimate Picture quality

- All around immersion. 4-sided Ambilight TV
- AmbiScape -sync your smart bulbs to the action
- Bright OLED META panel. Precision, brightness and detail
- Whatever you watch, a picture so real. P5 dual AI engine

Movies, TV shows, games. Immerse in lifelike.

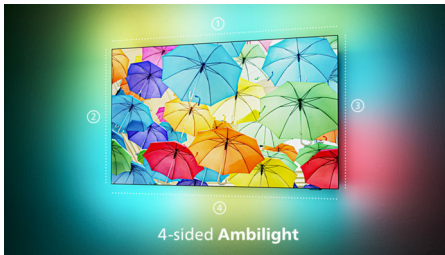
- Cinematic viewing. Watch and play with Dolby Vision 2 Max
- Immersive Surround sound technology
- Quick and easy to find content with Titan OS
- Total Gaming Solution. Thrilling play for every gamer.

Your entertainment. Taken care beautifully in ever

- Connect seamlessly to smart home networks
- Thoughtful design. Responsible packaging

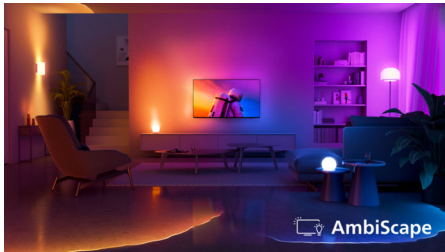
Highlights

Ambilight 4-sided TV



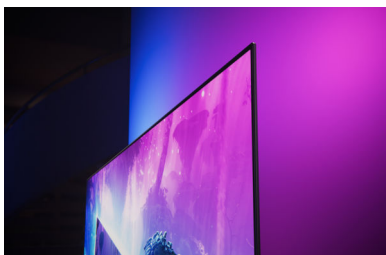
With four-sided Ambilight, sports, films, music and games will feel bigger than ever. Integrated LED lights at the back react to what you watch or listen to, immersing you in a colorful halo light that emanates from the top, bottom and sides of the TV. For the full impact, hang your Ambilight TV on the wall.

AmbiScape



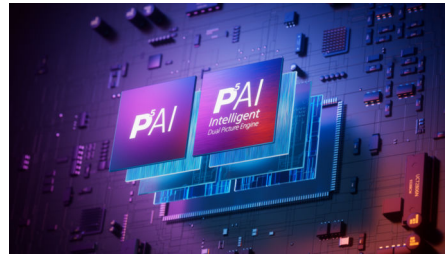
Step into a new dimension of entertainment. AmbiScape extends Ambilight beyond the TV, syncing with your smart lights to transform your room into a living canvas. Feel every scene, every beat, and every moment as your surroundings react in real time—pulling you deeper into the experience.

Bright Tandem WOLED panel



Thanks to its Tandem WOLED panel, this OLED+ Ambilight TV does lifelike better and brighter than ever, with a picture that looks superb at any angle. With astonishing peak brightness levels, contrast and color are beautifully well defined: even the smallest details leap from shadows and bright areas. All major HDR formats are supported.

P5 AI intelligent Dual picture engine



The Ultimate in Picture Quality with the Philips P5 Dual picture 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 colors, and smooth motion.

Cinematic viewing

Hold onto the edge of your seat! With Dolby Vision 2 Max on board, you'll see more of the picture the director wanted you to see, no more disappointing scenes that are too dark to make out! From movies to games, say hello to every glorious detail.

Surround sound technology



Compatibility with Dolby Atmos and DTS:X takes the sound of this TV to another level, in any room. The latest movies, the newest games, the biggest sports events: with sound effects placed in the space above and around you, you'll feel like you're right in the middle of the action.

Philips Smart TV Titan OS

The Philips Smart TV Titan OS platform brings what you love to watch, and fast. From sequels to series, and from documentaries to drama, everything you want is there at the touch of a button. Whatever you're looking to watch, keep all the best streaming apps easily within your reach.

Total Gaming solution

HDMI 2.1, Up to 165Hz native refresh rate and an ultra-low input lag. Indie game or AAA title, this Ambilight TV gives you the specs you need to game how you want! For more control, Game Bar 2.0 lets you customize how you play and you can connect to a Bluetooth controller for cloud gaming. PC gamers can enjoy 165Hz VRR via HDMI.

Matter Smart Home compatible

Matter Smart Home compatibility brings seamless integration to your existing smart home network. To control the TV from your Matter Smart Home app or with voice control services simply push the button on your remote and speak. Dim the lights. Adjust your thermostat. Even turn on your Philips Ambilight TV. A single command does it all.

Thoughtful design

This sleek bezel less OLED screen looks sophisticated in any room and Ambilight creates mesmerizing mood lighting even when the screen is off. Our packaging uses FSC certified recycled cardboard and the inserts are printed on recycled paper.

Specifications

Ambilight

AmbiScape

Ambilight Features: Ambilight Bootup Animation, Ambilight FTI Animation, Ambilight Music, Ambilight Suite, Wall colour adaptive, Gaming mode, Auto Ambilight

Ambilight Version: 4-sided

Picture/Display

Diagonal screen size (inch): 77 inch

Diagonal screen size (metric): 194 cm

Display: 4K Ultra HD OLED

Panel resolution: 3840x2160p

Native refresh rate: 120 Hz

Picture engine: P5 AI Dual Picture Engine

Picture enhancement: Calman Autocal Ready & Manual Calibration, Crystal Clear, ECO, Game, MEMC / FRC Embedded, Micro Dimming Pro, Monitor, Personal, Perfect Natural Motion, Natural, HDR10+ compatible

Variable Refresh Rate: 165 Hz

Display input resolution

Resolution-Refresh rate: 576p-50Hz, 640x480-60Hz, 720p-50Hz,60Hz

Tuner/Reception/Transmission

Digital TV: DVB-T/T2/T2-HD/C/S/S2

Signal strength indication

Teletext: 1000 page Hypertext

HEVC support

Smart TV

SmartTV apps*: Amazon Prime Video, Apple TV, Disney+, HBO, Netflix*, NFT app*, TITAN channel, YouTube

OS: TITAN OS

Memory size (Flash)*: 8GB

Smart TV Features

Interactive TV: HbbTV

Voice assistant*: RC with Mic., Works with Alexa, Works with Google Home

Smart Home experience: Works with Google Home, Works with Amazon Alexa, Control4, MATTER

Gaming Control Bar: Gamebar 2.0

TTS support

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

Sound

Output power (RMS): 70W

Speaker configuration: 4x10W+2x15W

Codec: Dolby Atmos, DTS:X

Sound Enhancement: Entertainment, Music, Dolby Media Intelligence, Original, A.I. EQ, AI mode, Clear Dialogue, Vocal Boost, AVL Mode, Spatial Music, Night mode, Personal

Headphone Features: Dolby Atmos for Headphone

Sound Engine: IntelliSound

Main Speaker: Super Slim Full Range + Tweeter

Woofer: 20mm Slim Bass Reflex

Connectivity

EasyLink 3.0

Number of HDMI connections: 4

HDMI features: Audio Return Channel, 4K, ALLM (Auto Low Latency Mode)

EasyLink (HDMI-CEC): One touch play, Remote control pass-through, System standby, System audio control

Number of USBs: 2

Wireless connection: Wi-Fi 802.11ax, 2x2, Dual band, Bluetooth 5.4, easy-pair (RC blue button), Works with Apple AirPlay

HDCP 2.3: Yes on all HDMI

HDMI ARC: HDMI 3

HDMI 2.1 features: Max 48Gbps data rate, 4K 165Hz 10bits 4:2:2, HDR on all HDMI ports, ALLM on all HDMI ports, eARC on HDMI 3, VRR on all HDMI ports

EasyLink 2.0: External setting via TV UI, HDMI-CEC for Philips TV/SB

Supported HDMI video features

HDMI 1/2: HDMI 2.1 full bandwidth 48Gbps

Gaming: ALLM, AMD FreeSync Premium, Dolby Vision Game, HGiG, HDMI VRR, Nvidia G-Sync compatible

HDR: HDR10, HDR10+ Compatible, HLG

EU Energy card

EPREL registration numbers: 2709908

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: 173 Kwh/1000h

Off mode power consumption: N.A.

Networked standby mode: 2.0 W

Panel technology used: OLED

Specifications

Power

Mains power: AC 100 - 240 V 50/60 Hz
Standby power consumption: <0.3W
Power Saving Features: Picture mute (for radio),
Light sensor, Eco mode, Auto switch-off timer

Accessories

Included accessories: 1x USB-C cable for remote control charging, Remote Control with wireless charging, Table top stand, Quick start guide, Legal and safety brochure, Power cord

Design

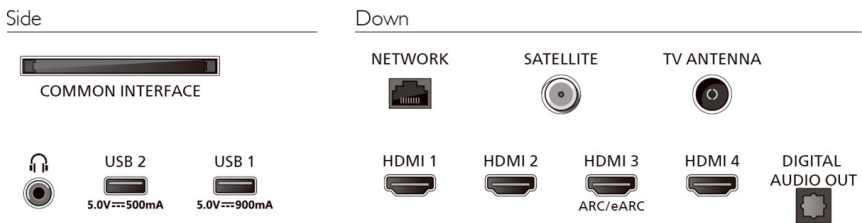
Colours of TV: Metal bezel frame

Dimensions

Distance between 2 stands: 1,476 mm
Wall-mount compatible: 400 x 300 mm
TV without stand (W x H x D): 1714 x 978 x 40 mm
TV with stand (W x H x D): 1714 x 1000 x 355 mm
Package carton (W x H x D): 1925 x 1170 x 190 mm
Weight of TV without stand: 28.25 kg
Weight of TV with stand: 28.68 kg
Weight incl. packaging: 38.93 kg



Connections



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Version : 2.2.0

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EAN: 87 18863 05219 8

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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.
- * 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.
- * EPG and actual visibility (up to 8 days) is country- and operator-dependent.
- * Netflix subscription required. Subject to terms on <https://www.netflix.com>
- * Amazon Prime is available in selected languages and countries.
- * Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.
- * Over-the-top media services button on remote control will be different per country. Please refer to the actual product in the box.
- * Google Assistant is available in different languages and countries specific to product types.
- * Availability and functionality of voice control services varies according to country and language.
- * 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.
- * Availability of Apple TV app & Apple TV+ may vary by country or region, please check support pages of Google Play and Apple Inc.
- * 144 Hz HDMI VRR, G-sync, and FreeSync are achievable when gaming on a PC, connected to your OLED TV via HDMI
- * Matter / Control4: this feature will become available in 2025 via a software update.