

PHILIPS



4K Ambilight TV

QLED

126 cm (50") Ambilight TV

4K QLED

P5 picture engine

Dolby Atmos®



50PQS8601

Innovative. Immersive. Unforgettable

Get ready for an immersive 4K QLED experience with Ambilight and AmbiScope, surrounding you with a halo of vibrant colour and deeper immersion. Powered by the P5 picture engine, enjoy lifelike colour, contrast and motion.

Respond to the action. Full-room immersion

- There's TV. And there's Ambilight TV
- AmbiScope – sync your smart bulbs to the action

Design that speaks volumes

- All-in-one remote. Seamless and effortless control
- Eco design – European design thinking

Vivid viewing, cinematic sound

- 4K QLED for vibrant viewing and quantum dot colour quality
- Seeing is believing with the Philips P5 picture engine
- Whatever you watch, perfect TV sound. IntelliSound engine
- Surround yourself in Dolby Atmos and DTS:X

Smart. Sleek. Connected.

- Quick and easy to find content with Titan OS
- Connect seamlessly to smart home networks

QLED

4K Ambilight TV

50PQS8601/12

Highlights

Ambilight

With integrated LED lights that react to each scene, Ambilight immerses you in a halo of colourful light. Movies, sports, music videos and gaming expand beyond the screen to draw you deeper into the moment. Once experienced, you'll never want another TV without it.

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.

4K QLED



Vivid colours. Ultra-sharp scenes. It's quantum dot colour brilliance. With 4K (UHD) it adapts to all your HDR formats. Each incredible moment,

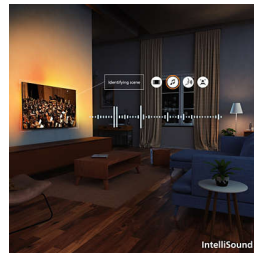
whether dark or light, played or streamed, you can devour every detail as you watch scene by scene.

P5 picture engine



Picture this—detail with greater depth, colour so incredibly vivid, skin tones so real. With such smooth, natural motion and imagery this crisp, it's as if you can feel yourself there in the moment. Open your eyes, elevate the senses and let yourself feel the difference.

IntelliSound



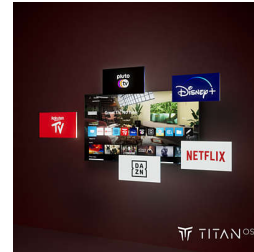
With our IntelliSound engine on board, your QLED TV can use AI to give you the best possible sound! Whether it's series and films, music or speech-heavy content like news, the TV will optimise settings automatically. Don't want to use AI? You can also select preset sound styles manually or customise settings yourself.

Dolby Atmos and DTS:X



With Dolby Atmos for sound just as the director intended and DTS:X to create 3D sound experiences, it's as if you're really there. Adding this extra dimension to sound brings a more immersive experience to your home.

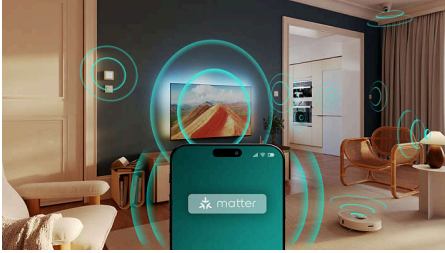
Philips Smart TV Titan OS



The Philips Smart TV Titan OS platform brings what you love to watch, and fast. From sequels to series and 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.

Highlights

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.

All-in-one remote



All-in-one remote lets you have full control of your Philips TV, soundbar, headphones and even external tuner boxes with just one remote control. Experience seamless and unified control. No more juggling with multiple remote controls. Just smooth, connected convenience every time.

Eco, slim design



Sustainability meets style. This beautifully crafted ultra-slim TV is designed with the planet in mind, from a remote made of recycled plastics to FSC-certified packaging and inserts printed on recycled paper. With Eco Mode, you can lower energy consumption across all content and settings in just one tap.

Specifications

Ambilight

Ambilight Features: AmbiScape, Wall colour adaptive, Ambilight FTI Animation, Ambilight Music, Ambilight Suite, Auto Ambilight, Lounge light mode, Gaming mode

Ambilight Version: 3 sided

Picture/Display

Diagonal screen size (inch): 50 inch

Diagonal screen size (metric): 126 cm

Display: 4K Ultra HD LED

Panel resolution: 3840 x 2160p

Native refresh rate: 60 Hz

Picture engine: P5 Perfect Picture Engine

Picture enhancement: Crystal Clear, ECO, Game, HDR10+ compatible, Natural, Movie, Monitor, Micro Dimming, Personal, Ultra Resolution, Calman Autocal Ready and Manual Calibration

Display input resolution

Resolution-Refresh rate: 576 p - 50 Hz, 720 p - 50 Hz, 60 Hz, 1920 x 1080p -24/25/30/50/ 60Hz, 2560 x 1440 - 60 Hz, 3840 x 2160p - 24/25/30/50/60 Hz

Tuner/Reception/Transmission

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

Signal strength indication

Teletext: 1000 page Hypertext

HEVC support

Smart TV

SmartTV apps*: Amazon Prime Video, BBC iPlayer, Disney+, HBO, Netflix*, NFT app*, YouTube

OS: TITAN OS

Memory size (Flash)*: 8 GB

Smart TV Features

Interactive TV: HbbTV

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

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

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, TIFF

Sound

Audio: 2.0 Channel

Output power (RMS): 20 W

Speaker configuration: 2 x 10 W full-range speakers

Codec: DTS:X, Dolby Atmos®, Dolby Digital

Sound Enhancement: AVL Mode, Bass Enhancement, Dolby Media Intelligence, Entertainment, Equalizer, Hearing Profile, Night mode, Vocal Boost, Personal

Headphone Features: Dolby Atmos for Headphone

Sound Engine: IntelliSound

Main Speaker: Slim Full Range

Specifications

Connectivity

EasyLink 3.0

Number of HDMI connections: 3

HDMI features: 4K, Audio Return Channel

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

Number of USBs: 2

Wireless connection: Wi-Fi 802.11ac, 2 x 2, Dual band, Bluetooth 5.2

HDCP 2.3: Yes on all HDMI

HDMI ARC: Yes on HDMI1

HDMI 2.1 features: eARC on HDMI 1, eARC/VRR/ALLM supported

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

Supported HDMI video features

Gaming: ALLM, HDMI VRR

HDR: HLG, HDR10+ Compatible, HDR10

EU Energy card

EPREL registration numbers: 2701642

Energy class for SDR: F

On mode power demand for SDR:

65 kWh/1000h

Energy class for HDR: G

On mode power demand for HDR:

103 kWh/1000h

Off mode power consumption: N.A.

Networked standby mode: 2.0 W

Power

Mains power: AC 100-240 V 50/60 Hz

Standby power consumption: less than 0.5 W

Power Saving Features: Auto switch-off timer, Eco mode, Picture mute (for radio), Light sensor

Accessories

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

Design

Colours of TV: Matt black bezel

Stand design: Black metal arch stand

Dimensions

Distance between 2 stands: 810 mm

Wall-mount compatible: 300 x 300 mm

TV without stand (W x H x D):

1111 x 640 x 55 mm

TV with stand (W x H x D): 1111 x 713 x 261 mm

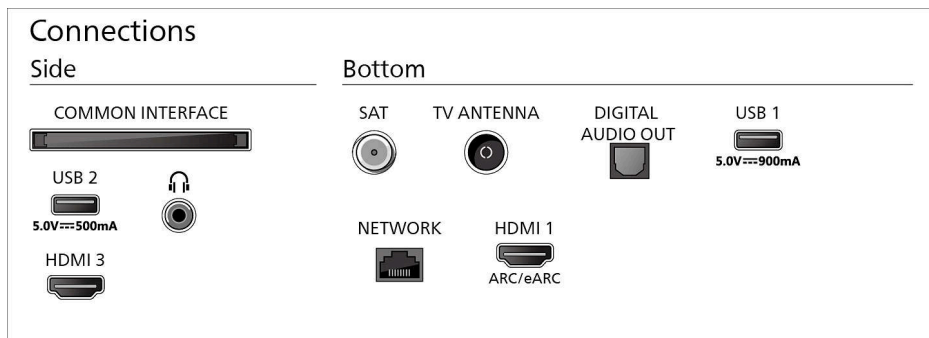
Package carton (W x H x D):

1210 x 750 x 125 mm

Weight of TV without stand: 10.01 kg

Weight of TV with stand: 10.45 kg

Weight incl. packaging: 15.77 kg



- * 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.
- * Smart TV app availability varies by TV model and country. For more details, please visit: www.philips.com/smarttv
- * Philips TV Remote app and related functionalities vary by 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>
- * 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.
- * Google Assistant is available in different languages and countries specific to product types.
- * Scope of voice control services via the TV varies according to country and language. For the latest information, please contact our customer care.
- * *Apple, AirPlay and Apple Home are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

