

PHILIPS



4K Ambilight TV

The One

Ambilight TV

4K QLED, 120 Hz

P5 Picture Engine

Dolby Vision and Dolby Atmos



50PQS9081

The One to watch

Picture this. Big cinematic nights in. Seamless gaming moves. Surround sound. Endless Smart TV choice. And 4K Ambilight TV that flows beyond the screen. It's not just easy to use, it's The One that has it all.

Respond to the action. Full-room immersion

- The only TV with integrated lights on the back
- AmbiScape -sync your smart bulbs to the action

Vivid viewing, cinematic sound

- Defined picture sharpness and colour vibrancy with 4K QLED
- Seeing is believing with the Philips P5 picture engine
- Take your gaming to the next level
- Whatever you watch, perfect TV sound. IntelliSound engine

Smart. Sleek. Connected.

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

Design that speaks volumes

- Versatile, flexible viewing angles

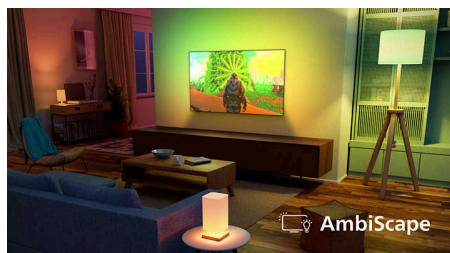
Vivid viewing, cinematic sound

Highlights

Ambilight

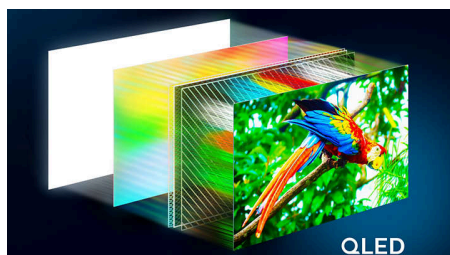
Imagine integrated LED lights reacting to everything you watch, immersing you in a halo of colour. Ambilight changes everything: now your screen will seem bigger, drawing you deeper into all of your favourite television. Once experienced, you'll never want another TV without it.

AmbiScope



Step into a new dimension of entertainment. AmbiScope 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 picture perfection at its finest. With 4K (UHD), this Ambilight TV adapts to all of your HDR formats. You can devour every incredible moment and detail, whether dark or light, played or streamed, as you watch scene by scene.

P5 picture engine



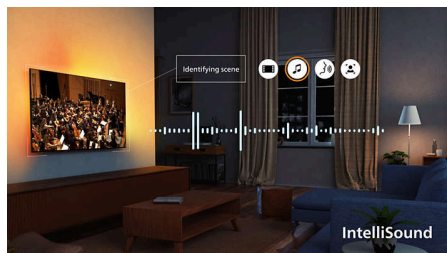
Picture this—detail with greater depth, colour so incredibly vivid, skin tones so real. With such smooth, natural motion and imagery this crisp, it's as if you can feel yourself there in the moment. Open your eyes, elevate the senses and let yourself feel the difference.

Great for gaming



From joystick junkies to the most devout of gamers, this is all about super-responsive gameplay and graphics without skipping a beat. With up to VRR 144 Hz, HDMI 2.1, ultra-low lag and FreeSync premium, everything is there for smoother gameplay. And with Ambilight gaming mode, it's time to immerse yourself even deeper into the action.

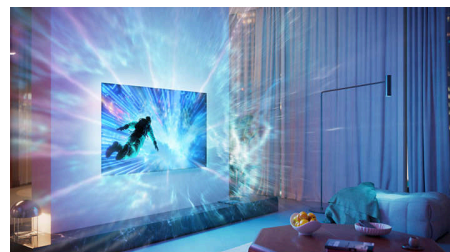
IntelliSound



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

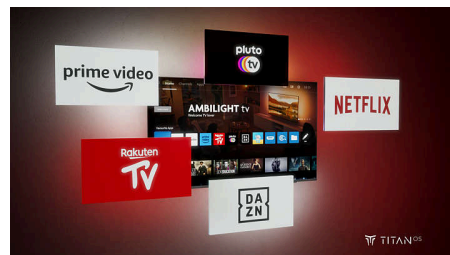
speech-heavy content like news, the TV will optimise settings automatically. Don't want to use AI? You can also select preset sound styles manually or customise settings yourself.

Dolby Vision 2 and Dolby Atmos



Next-gen Dolby Vision 2 and Dolby Atmos put you in the director's seat, with a redesigned image engine and scene-aware AI optimising brightness, colour and motion. Every scene meets cinema standards, delivering immersive, lifelike experiences for films, sports and games.

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.

Swivel Stand

Carefully designed, functional and adaptable stand solution that offers rotational consideration, allowing flexibility, improved ergonomics, an optimal angle of vision and reduced glare.

Highlights

Matter Smart Home compatible



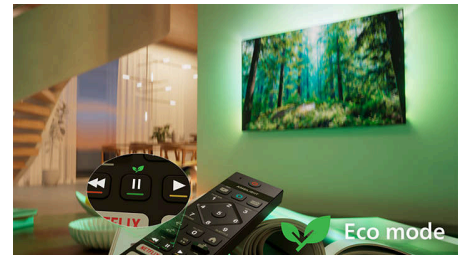
Matter Smart Home compatibility brings seamless integration to your existing smart home network. To control the TV from your Matter Smart Home app or with voice control services, simply push the button on your remote and speak. Dim the lights. Adjust your thermostat. Even turn on your Philips Ambilight 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 command. 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 Music, Gaming mode, Auto Ambilight, Ambilight Suite, Ambilight FTI Animation, Ambilight Boot-Up Animation

Ambilight Version: 3 sided

Picture/Display

Diagonal screen size (inch): 50 inch

Diagonal screen size (metric): 126 cm

Display: 4K Ultra HD QLED

Panel resolution: 3840 x 2160p

Native refresh rate: 120 Hz

Picture engine: P5 Perfect Picture Engine

Picture enhancement: Calman Autocal Ready and Manual Calibration, Calman, Crystal Clear, Dolby Vision, HDR 10+ Compatible, Monitor, Game, Home Cinema, ECO, Movie, Micro Dimming Pro, MEMC / FRC Embedded, Personal, Ultra Resolution

Variable Refresh Rate: 144 Hz

Display input resolution

Resolution-Refresh rate: 1920 x 1080p

-24/25/30/50/ 60/100/120/144 Hz 2560 x 1440

- 60/120 Hz 3840 x 2160p -

24/25/30/50/60/100/120/144 Hz, 2560 x 1440 -

60/120 Hz, 3840 x 2160p -

24/25/30/50/60/100/120/144 Hz, 3840 x 2160p

up to 144 Hz, Virtualisation 240 Hz

Tuner/Reception/Transmission

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

Signal strength indication

Teletext: 1000 page Hypertext

Smart TV

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

OS: TITAN OS

Memory size (Flash)*: 8 GB

Smart TV Features

Interactive TV: HbbTV

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

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

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, TIFF

Specifications

Sound

Audio: 2.0 Channel
Output power (RMS): 40 W
Speaker configuration: 4 x 10 W full-range speakers
Codec: DTS:X, Dolby Atmos®
Sound Enhancement: All Sound Style, A.I. Sound, AVL Mode, Night Mode, Room Calibration, Equalizer, Vocal Boost, Hearing Profile, Bass Enhancement, Dolby Atmos Virtualiser, Dolby Media Intelligence, DTS-X
Headphone Features: Dolby Atmos for Headphone
Sound Engine: IntelliSound
Main Speaker: Full Range Bass Reflex (FR01A+)

Connectivity

EasyLink 3.0
Number of HDMI connections: 4
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 802.11ax, 2x2, Dual band, Bluetooth 5.4, easy-pair (RC blue button), Works with Apple AirPlay
HDCP 2.3: Yes on all HDMI
HDMI ARC: Yes on HDMI3
HDMI 2.1 features: eARC on HDMI 3, VRR on all HDMI ports, Max 48 Gbps data rate, 4K 144 Hz 10 bits 4:2:2, HDR on all HDMI ports
EasyLink 2.0: HDMI-CEC for Philips TV/SB

Supported HDMI video features

HDMI 1/2: HDMI 2.1 full bandwidth 48 Gbps, up to 4K 144Hz
Gaming: ALLM, HDMI VRR

HDMI 3/4: HDMI 2.1 bandwidth 48 Gbps, up to 4K 144 Hz
HDR: Dolby Vision, HLG, HDR10+ Compatible

EU Energy card

Off mode power consumption: n.a
Networked standby mode: 2.0 W
Panel technology used: QLED LCD

Power

Mains power: AC 100-240 V 50/60 Hz
Standby power consumption: <0.5 W
Power Saving Features: Auto switch-off timer, Eco mode, Light sensor, Picture mute (for radio)

Accessories

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

Design

Colours of TV: Plastic gun metal bezel
Stand design: Circle-Cut Central plastic gun metal

Dimensions

Distance between 2 stands: 500 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 244 mm
Package carton (W x H x D): 1240 x 805 x 160 mm
Weight of TV without stand: 10.48 kg
Weight of TV with stand: 13.26 kg
Weight incl. packaging: 16.59 kg

Connections

Side



Down

