4K Ambilight TV

The One

126 cm (50") Ambilight TV

4K QLED. 120 Hz

P5 Picture Engine

Dolby Vision and Dolby Atmos

50PUS9010

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.

Sounds more than impressive
- Add clarity to each word with Vocal Boost
- European design thinking
- Every size to fit your needs

Keep it connected
- Titan OS. Find it easily.
- Connect with ease to your smart home network
- DTS:X for 3D immersive sound experiences
- Take your gaming to the next level

Give yourself a better view
- Cinematic viewing experiences with Dolby
- Seeing is believing with the Philips P5 picture engine
- The only TV with integrated lights on the back
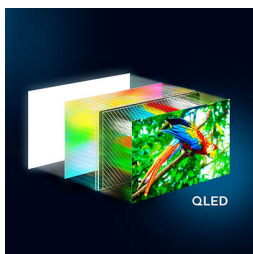- Defined picture sharpness and vibrancy with 4K QLED

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.

4K QLED

Vivid colours. Ultra-sharp scenes. It's picture perfection at its finest. With 4k (UHD), this is Ambilight TV that adapts to all of your HDR formats. With every incredible moment, whether dark or light, played or streamed, you can devour each 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.

Dolby Vision and Dolby Atmos

Dolby Vision and Dolby Atmos drop you straight into the director's seat. Each scene clearly defined at cinema standard, it's a delight for your eyes and ears. Whether for movies, sports or games, surround yourself with lifelike cinematic experiences with each incredible moment.

DTS:X compatible

DTS:X makes all the difference, with sound so real you can feel it. With 3D audio technology to add another dimension, it moves around freely to immerse you deeper into the moment.
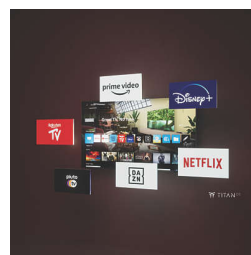
Great for gaming

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

Vocal Boost

Hear each word with greater clarity. Vocal Boost enables the listener to turn the dialogue volume up or down without any effect on the background sound. You won't miss a single moment now that each spoken sentence comes across with greater clarity.
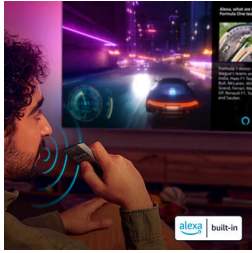
Philips Smart TV Titan OS

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.

AMBILIGHT tv · 4K QLED · Perfect Picture Engine · Dolby Vision·Atmos · dts X · Great for Gaming · IntelliSound · TITAN OS

Highlights

Seamless control

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.

Sustainable expertise

Carefully considered central swivel stand for a more flexible angle of vision and to reduce glare. Lounge mode to enhance the lighting in your room. Recycled plastic that forms your remote. With FSC-certified recycled cardboard packaging and paper instructions, this is everything you'd expect from the Philips Ambilight TV.

Multiple sizes

Size matters. And in this case, it's how your television blends beautifully into your room. Whether you go for a snug-fit small screen or scale up to fit your home cinema space, you can make your choice according to your needs. From 43" up to an incredible 75" this is clearly The One to watch.

AMBILIGHT tv   4K QLED   Perfect Picture Engine   Dolby Vision·Atmos   dts X

Specifications

Ambilight

Ambilight Features: Ambilight FTI Animation, Ambilight Music, AmbiSleep, Game Mode, Lounge light mode, Sunrise Alarm, Wall colour adaptive
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: 144 Hz
Picture engine: P5 Perfect Picture Engine
Picture enhancement: Calman, Calman Autocal Ready and Manual Calibration, Crystal Clear, Dolby Vision, ECO, Game, HDR10+ compatible, Home Cinema, MEMC / FRC Embedded, Micro Dimming Pro, Monitor, Movie, Personal, Ultra Resolution

Display input resolution

Resolution-Refresh rate: 576 p - 50 Hz, 640 x 480 - 60 Hz, 720 p - 50 Hz, 60 Hz, 1920 x 1080p -24/25/30/50/ 60/100/120/144Hz, 2560 x 1440 - 60/120/144Hz, 3840 x 2160p - 24/25/30/50/60/100/120/144 Hz

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, BBC iPlayer, Disney+, HBO, Netflix*, NFT app*, YouTube
OS: TITAN OS
Memory size (Flash)*: 8 GB

Smart TV Features

Interactive TV: HbbTV
Voice assistant*: Amazon Alexa Built-in, Works with Google Home, RC with Mic.
Smart Home experience: Control4, MATTER
Gaming Control Bar: Gamebar 2.0

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

Specifications

Sound

PlayFi: TV Speaker Replacement
Audio: 2.0 Channel
Output power (RMS): 20 W
Speaker configuration: 2 x 10 W full-range speakers
Codec: DTS:X, Dolby Digital, Dolby Atmos®
Sound Enhancement: All Sound Style, AVL Mode, Bass Enhancement, Dolby Media Intelligence, Dolby Atmos Virtualiser, Equalizer, Hearing Profile, Night Mode, Room Calibration, Vocal Boost
Headphone Features: Dolby Atmos for Headphone
Sound Engine: IntelliSound
Main Speaker: Full Range Bass Reflex (FR01A)
Woofer: Triple Ring Balance Quad PR

Connectivity

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 802.11ac 2 x 2 Dual band, Bluetooth 5.2
HDCP 2.3: Yes on all HDMI
HDMI ARC: Yes on HDMI2
HDMI 2.1 features: eARC on HDMI 2

Supported HDMI video features

Gaming: HDMI VRR, ALLM
HDR: Dolby Vision, HDR10+ Compatible, HLG

EU Energy card

EPREL registration numbers: 2232500
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:
152 kWh/1000h
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: less than 0.3 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 Use Guide, Tabletop stand, Remote Control

Design

Colours of TV: Plastic gun metal bezel
Stand design: Plastic charcoal-coloured central stand

Dimensions

Wall-mount compatible: 200 x 300 mm
TV without stand (W x H x D):
1116 x 656 x 82 mm
TV with stand (W x H x D): 1116 x 715 x 257 mm
Package carton (W x H x D):
1240 x 805 x 174 mm
Weight of TV without stand: 13.2 kg
Weight of TV with stand: 15.7 kg
Weight incl. packaging: 19.8 kg

Connections

Side

COMMON INTERFACE

USB 2
5.0V⎓900mA

USB 1
5.0V⎓500mA

Down

SATELLITE

TV ANTENNA

HDMI 1

HDMI 2
ARC/eARC

HDMI 3

HDMI 4

DIGITAL AUDIO OUT

NETWORK

* 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
* 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 the remote control will be different in each country. Please refer to the actual product in the box.
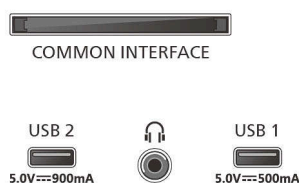* Google Assistant is available in different languages and countries specific to product types.
* Scope of voice control services via the TV varies according to country and language. For the latest information, please contact our customer care.
* *Apple, AirPlay and Apple Home are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

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