PHILIPS



4K Ambilight TV

QLED

139cm(55")AMBILIGHT TV

4K QLED

HDR10+

Dolby Atmos and DTS:X



55PUS8450

Drench yourself in Ambilight

Meet this 4K QLED Ambilight TV. Smart TV powered by Titan OS. And European design excellence. All your movies, shows, and sport brought to you at speed with sublime image quality. Immerse yourself in colour, light, and 3D cinema-like sound.

4K QLED TV with Ambilight

- There's TV. And there's Ambilight TV
- 4K QLED for vibrant viewing and quantum dot colour quality

Vivid viewing, cinematic sound

- Colour and contrast unleashed with HDR10+
- Surround yourself in Dolby Atmos and DTS:X

Smart. Sleek. Connected

- Titan OS. Find it easily.
- Connect seamlessly to smart home networks

Design that speaks volumes

- Game-ready connectivity

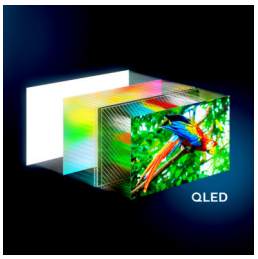
Highlights

Ambilight



With integrated LED lights that react to each scene, Ambilight immerses you in a halo of colourful light. All your entertainment goes beyond the screen to draw you deeper into the moment. 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 your HDR formats. Each incredible moment, whether dark or light, played or streamed, lets you devour every detail as you watch scene by scene.

HDR10+



Expect more detail. Frame by frame improved picture quality. With greater emphasis on colour and contrast, this is where even the darkest moments and the brightest scenes are made clearer.

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, quickly. 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.

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 through compatible voice control services, simply state your request. Dim the lights, adjust your thermostat, or even turn on your Philips Ambilight TV. A single command does it all. The TV is compatible with Alexa-enabled devices and Apple AirPlay too.

Ready for gaming

HDMI 2.1 and VRR help you get the best from your console, meaning faster gameplay and smoother graphics. With its low input lag setting that switches on automatically when you turn on your console, you're all set for the next level in gaming.

HDR10+ Dolby Atmos TITAN OS works with alexa Ready for gaming

QLED

4K Ambilight TV

55PUS8450/12

Specifications

Ambilight

Ambilight Features: Ambilight Suite, Gaming mode, Wall colour adaptive, Lounge light mode

Ambilight Version: 3 sided

Picture/Display

Diagonal screen size (inch): 55 inch

Diagonal screen size (metric): 139 cm

Display: 4K Ultra HD QLED

Panel resolution: 3840 x 2160p

Picture engine: Pixel Precise Ultra HD

Picture enhancement: Micro Dimming, Ultra Resolution, Natural Motion, Crystal Clear, Personal, Home Cinema, ECO, Movie, Game, Monitor

Display input resolution

Resolution-Refresh rate: 640 x 480 - 60 Hz, 576p -50 Hz, 720p -50/60 Hz,1920 x 1080p -24/25/30/50/60 Hz, 2560 x 1440 - 60 Hz, 3840 x 2160p - 24/25/30/50/60 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, Disney+, Netflix*, YouTube, NFT app*, HBO, BBC iPlayer

OS: TITAN OS

Memory size (Flash)*: 8 GB

Smart TV Features

Interactive TV: HbbTV

Voice assistant*: Works with Alexa, Works with Google Home

Smart Home experience: MATTER, Control4, 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, HEIF

Sound

Audio: 2.0 Channel

Output power (RMS): 20W

Speaker configuration: 2 x 10 W full-range speakers

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

Sound Enhancement: All Sound Style, AVL Mode, Bass Enhancement, Dolby Atmos®, Dolby Media Intelligence, Equalizer, Entertainment, Hearing Profile, Night mode, Music, Personal, Vocal Boost, DTS-X

Headphone Features: Dolby Atmos for Headphone

Sound Engine: Basic Sound Engine

Main Speaker: Full Range Bass Reflex (FR01A)

Connectivity

Number of HDMI connections: 3

HDMI features: Audio Return Channel, 4K

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

Number of USBs: 2

Wireless connection: Bluetooth 5.2, easy-pair (RC blue button), Wi-Fi 802.11ac, 2 x 2, Dual band, Works with Apple AirPlay

HDCP 2.3: Yes on all HDMI

HDMI ARC: HDMI 1

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

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, HDR10+ Compatible

EU Energy card

EPREL registration numbers: 2416465

Energy class for SDR: E

On mode power demand for SDR: 63 Kwh/1000h

Energy class for HDR: G

On mode power demand for HDR: 126 Kwh/1000h

Off mode power consumption: n.a

Networked standby mode: 2.0 W

Panel technology used.: QLED

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Specifications

Power

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

Standby power consumption: less than 0.5 W

Accessories

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

Design

Colours of TV: Metal black bezel

Stand design: Black sticks

Dimensions

Distance between 2 stands: 802 mm

Wall-mount compatible: 200 x 100 mm

TV without stand (W x H x D): 1226 x 715 x 88 mm

TV with stand (W x H x D): 1226 x 777 x 297 mm

Package carton (W x H x D): 1320 x 806 x 142 mm

Weight of TV without stand: 9.9 kg

Weight of TV with stand: 10.2 kg

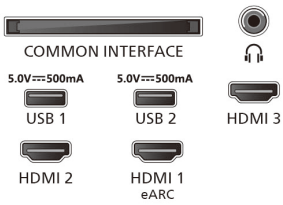
Weight incl. packaging: 13.1 kg



* This television contains lead only in certain parts or components where no technological alternatives exist, in accordance with existing exemption clauses under the RoHS Directive.
* The TV supports DVB reception for free-to-air broadcasts. Specific DVB operators may not be supported. An up-to-date list can be found in the FAQ section of the Philips support website. Conditional Access and a subscription are required for some operators. 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
* The Philips TV Remote app and related functionalities vary by TV model, operator and country, as well as by smart device model and OS. For more details, please visit: www.philips.com/TVRemoteapp
* EPG and actual visibility (up to 8 days) depend on the country and operator.
* Netflix subscription required. Subject to the terms at 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.
* The over-the-top media services button on the remote control will differ by country. Please refer to the actual product in the box.
* Google Assistant is available in different languages and countries depending on the product type.
* The scope of voice control services via the TV varies according to country and language. For the latest information, please contact our customer care team.
* Apple, AirPlay, Apple Home, HomeKit and iOS are trademarks of Apple Inc., registered in the U.S. and other countries and regions.
IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under licence.

Connections

Side



Down



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