

PHILIPS



4K Ambilight TV

QLED

139 cm (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 of your films, shows and sport brought to you at speed with sublime image quality. Immerse yourself in colour, light and 3D cinema-like sound.

Design that speaks volumes

- Game ready connectivity

4K QLED TV with Ambilight

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

Smart. Sleek. Connected

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

Vivid viewing, cinematic sound

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

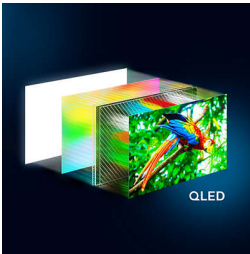
Highlights

Ambilight



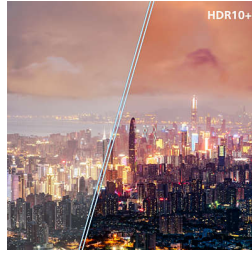
With integrated LED lights that react to each scene, Ambilight immerses you in a halo of colourful light. All your entertainment goes beyond the screen to draw you deeper into the moment. Once experienced, you'll never want another TV without it.

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, you can devour each 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.

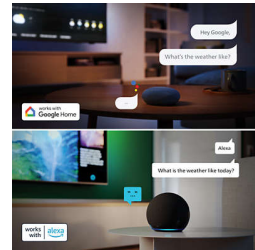
Philips Smart TV Titan OS



The Philips Smart TV Titan OS platform brings what you love to watch, 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.

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. 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 cuts in automatically when you turn on your console, you're all set for the next level in 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): 20 W
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)

Specifications

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

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

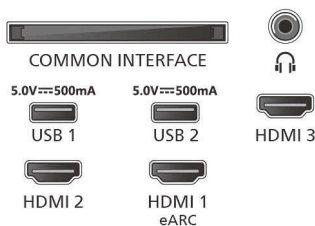
Dimensions

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



Connections

Side



Down



- * 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, 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.

