

OLED

4K OLED Ambilight TV

42OLED811/12

Specifications

Ambilight

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

Ambilight Version: 3-sided

Picture/Display

Diagonal screen size (inch): 42 inch

Diagonal screen size (metric): 106 cm

Display: 4K Ultra HD OLED

Panel resolution: 3840x2160p

Native refresh rate: 120 Hz

Picture engine: P5 AI Perfect Picture Engine

Picture enhancement: Perfect Natural Motion, Personal, Monitor, Micro Dimming Pro, ECO, Calman Autocal Ready & Manual Calibration, Crystal Clear, HDR10+ compatible, MEMC / FRC Embedded, Natural, Reference, Game

Variable Refresh Rate: 165 Hz

Display input resolution

Resolution-Refresh rate: 640x480-60Hz, 720p-

50Hz,60Hz, 576p-50Hz, 1920 x 1080p

-24/25/30/50/ 60/100/120/165Hz, 2560 x 1440

- 24/25/30/50/ 60/100/120/165Hz, 3840x2160p

- 24/25/30/50/60/100/120/165Hz

Tuner/Reception/Transmission

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

Teletext: 1000 page Hypertext

HEVC support

Smart TV

SmartTV apps*: Amazon Prime Video, Disney+, Apple TV, Netflix*, NFT app*, TITAN channel, YouTube, HBO

OS: TITAN OS

Memory size (Flash)*: 8GB

Smart TV Features

Interactive TV: HbbTV

Voice assistant*: RC with Mic., Works with

Google Home, Works with Alexa

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

Sound

Audio: 2.0 Channel

Output power (RMS): 50W

Speaker configuration: 5x10W

Codec: DTS:X, Dolby Digital MS12 V2.8

Sound Enhancement: Dolby Atmos Virtualizer, Dialogue, Entertainment, Music, Original

Headphone Features: Dolby Atmos for Headphone

Sound Engine: IntelliSound

Main Speaker: Super Slim Full Range + Tweeter

Woofer: 20mm Slim Bass Reflex

Connectivity

EasyLink 3.0

Number of HDMI connections: 4

HDMI features: Audio Return Channel, 4K, ALLM (Auto Low Latency Mode)

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: HDMI 3

HDMI 2.1 features: eARC on HDMI 3, VRR on all HDMI ports, 4K 165Hz 10bits 4:2:2, HDR on all HDMI ports, ALLM on all HDMI ports, Max 48Gbps data rate

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

Specifications

Supported HDMI video features

HDMI 1/2: HDMI 2.1 full bandwidth 48Gbps, upto 4K 165Hz

Gaming: ALLM, AMD FreeSync Premium, Dolby Vision Game, HGiG, HDMI VRR, Nvidia G-Sync compatible

HDMI 3/4: HDMI 2.1 Bandwidth 48Gbps, upto 4K 165Hz

HDR: HDR10, HDR10+ Compatible, HLG, Dolby Vision 2 Max

EU Energy card

EPREL registration numbers: 2687062

Energy class for SDR: G

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

Energy class for HDR: G

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

Off mode power consumption: N.A.

Networked standby mode: 2.0 W

Panel technology used: OLED

Power

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

Standby power consumption: <0.3W

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, Quick start guide, Table top stand, Power cord, Remote Control

Design

Colors of TV: Metal bezel frame

Stand design: Circle Cut Central plastic gun metal

Dimensions

Distance between 2 stands: 499 mm

Wall mount compatible: 300 x 300 mm

TV without stand (W x H x D): 932 x 534 x 49 mm

TV with stand (W x H x D): 932 x 589 x 213 mm

Package carton (W x H x D): 1100 x 711 x 160 mm

Weight of TV without stand: 12.04 kg

Weight of TV with stand: 13.87 kg

Weight incl. packaging: 17.10 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 per TV model and country. For more details please visit: www.philips.com/smarttv

* Philips TV Remote app and related functionalities vary per 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.