PHILIPS

Philips Ambilight 48OLED811/12 TV 121.9 cm (48") 4K Ultra HD Smart TV Wi-Fi Grey



Brand : Philips **Product family:** Ambilight **Product code:** 48OLED811/12

Product name : 48OLED811/12



- Ambilight TV, AmbiScape
- 4K OLED. Up to 165 Hz
- P5 AI Intelligent Engine
- IntelliSound

121 cm (48") Ambilight TV, 4K OLED, VRR 144 Hz, 3840 x 2160, 70 Watts (RMS), HDMI 2.1, HDR, 1069 x 685 x 239 mm, 16.27 kg

Philips Ambilight 48OLED811/12. Display diagonal: 121.9 cm (48"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Screen shape: Flat. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD. Wi-Fi, Ethernet LAN. Product colour: Grey

Display	
Display diagonal *	121.9 cm (48")
HD type *	4K Ultra HD
Display technology *	OLED
Screen shape *	Flat
Native aspect ratio *	16:9
Supported video modes	576p, 720p, 1080p, 2160p
Supported graphics resolutions	640 x 480 (VGA), 1920 x 1080 (HD 1080), 2560 x 1440, 3840 x 2160
Native refresh rate	120 Hz
Display refresh rates supported	24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz, 100 Hz, 120 Hz, 144 Hz, 165 Hz
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	121 cm

TV tuner	
Tuner type *	Digital
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD
Number of tuners	1 tuner(s)

Smart TV	
Smart TV *	✔
Internet TV *	✔
Operating system installed *	Titan OS
Hybrid Broadcast Broadband TV (HbbTV)	✔
Video apps	Amazon Prime Video, Apple TV, Disney+, Netflix

Audio	
Number of speakers *	5
RMS rated power *	70 W
Audio output channels	2.1 channels
Audio decoders	DTS:X, Dolby Atmos, Dolby Digital
Equalizer	✔
Sound modes	Custom, Dialog, Music
Enhanced Audio Return Channel (eARC)	✔

Performance	
AMD FreeSync	✔
AMD FreeSync type	FreeSync Premium
NVIDIA G-SYNC	✔
NVIDIA G-SYNC type	G-SYNC Compatible
Game features	Auto Low Latency Mode (ALLM), Dolby Vision Game, Game Bar 2.0, HGiG, Variable Refresh Rate (VRR)
Calman Ready	✔

Ports & interfaces	
HDMI version	2.1
Audio Return Channel (ARC)	✔
HDCP	✔
HDCP version	2.3
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
Headphone outputs	1
Common interface (CI) *	✔
HDMI ports quantity *	4

Management features	
Control type	Remote
Voice control	✔
Picture mute (for radio)	✔
ECO mode	✔
Auto power off	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✔

Power	
Power consumption (standby) *	0.3 W
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	66 kWh
Energy consumption (HDR) per 1000 hours *	87 kWh

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Network	
Wi-Fi *	✔
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Bluetooth *	✔
Bluetooth version	5.4
Ethernet LAN *	✔

Design	
Product colour *	Grey
VESA mounting *	✔
Panel mounting interface	300 x 300 mm
Signal strength indication	✔
Stand type	Center stand

Performance	
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)
Game mode	✔
Teletext function	✔
Teletext	1000 pages
Teletext standards	Hyper-text
Subtitles function	✔
Video formats supported	AV1, AVC, AVI, H.264, HEVC, HEVC/H.265, MKV, MPEG1, MPEG2, MPEG4, VP9
Audio formats supported	AAC, FLAC, MP3, WAV
Image formats supported	BMP, GIF, HEIF, JPEG, PNG
Subtitle formats supported	ASS, SMI, SRT, SSA, SUB, TXT
Ambient light sensor	✔
Backlight dimming technology	Micro Dimming Perfect
Picture processing technology	Philips P5 Perfect Picture Engine
High Dynamic Range (HDR) supported *	✔

Power	
Power consumption (sleep)	2 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G
Power supply type	Internal

Technical details	
Internal memory	32000 MB

Brand-specific features	
Philips technologies (AV/TV)	3 Sided Ambilight, AMD FreeSync™, Amazon Alexa Built-in, Ambilight, Ambilight Music, DTS:X®, Dolby Atmos®, Dolby Vision™, Gamebar 2.0, Google Assistant, Google TV, HDR10+, HDR10+ Adaptive, HLG, IntelliSound Engine, P5 AI Perfect Picture Engine, Smart TV, Voice Control, Works With Apple HomeKit, Works With Control4, Works With Google Assistant, Works With Matter, Works with Amazon Alexa

Weight & dimensions	
Width (with stand)	1069 mm
Depth (with stand)	239 mm
Height (with stand)	685 mm
Weight (with stand)	16.3 kg
Width (without stand)	1069 mm
Depth (without stand)	51 mm
Height (without stand)	612 mm
Weight (without stand)	13.6 kg

Packaging data	
Package width	1214 mm
Package depth	140 mm
Package height	800 mm
Package weight	20.1 kg

Packaging content	
Desktop stand	✔
Cables included	AC, USB
Remote control included	✔

Other features	
Internal memory type	Flash

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