

PHILIPS



4K Ambilight TV

LED

126 cm (50") Ambilight TV
P5 picture engine-120Hz
Major HDR formats supported
Google TV™



50PUT8808

Philips 4K Ambilight TV that has it all.

4K Ambilight TV

Philips 4K Ambilight TV will turn up the joy in your home! You get thrilling picture quality, all the apps you could want, and epic gaming. Plus, you can add a soundbar or speakers and build your perfect home cinema setup.

Great picture. Flexible sound. Responsibly packed.

- Ultra-sharp picture. Vibrant viewing.
- Great TV sound. And easy to add soundbars or speakers
- Philips Wireless Home System powered by DTS Play-Fi
- Attractive design. Perfect in any room.

Ready for the content you love.

- Voice control. Google Assistant. Works with Alexa
- Game on! 120Hz. VRR, FreeSync, and ultra-low input lag.
- Entertainment you love, with a little help from Google.

4K LED TV. Super-sharp for all you love.

- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- More immersive than ever. Ambilight TV.
- Philips TV with looks to thrill. Philips P5 picture engine.

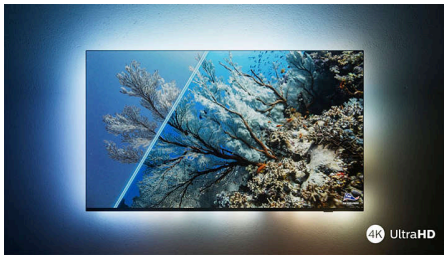
LED

4K Ambilight TV

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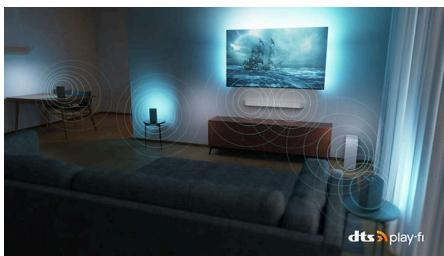
Highlights

Ultra-sharp picture



No matter what you watch, you'll enjoy a bright, ultra-sharp picture with vivid colors. Plus, this 4K (UHD) Ambilight TV is compatible with all major HDR formats—so you'll see more detail, even in dark and bright areas, when you're streaming HDR content.

DTS Play-Fi



You get great, clear TV sound right out of the box. If you want more, Philips Wireless Home System with DTS Play-Fi lets you connect to compatible soundbars and wireless speakers around your home in seconds. You can even create a home theatre surround-sound system using your TV as a central speaker.

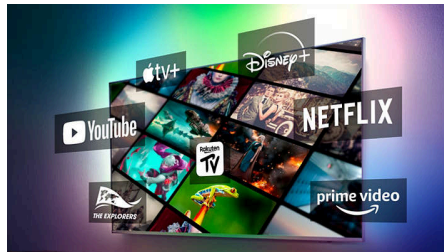
Loves gaming



Your Ambilight TV with HDMI 2.1 lets you make the most of your next-gen gaming gear with super-responsive gameplay and smooth graphics. Make that jump, turn on a dime, or

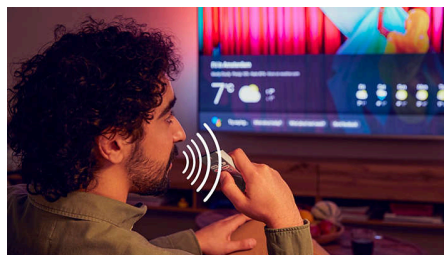
drift perfectly through a corner! VRR and FreeSync are both supported. Ambilight's gaming mode makes the thrills feel bigger.

Google TV™



What do you want to watch? Google TV brings together movies, shows, and more, from across your apps and subscriptions—and organises them just for you. You'll get suggestions based on what you like, and you can even use the Google TV app on your phone to curate your watchlist on the go.

AI voice control



You get a choice of voice assistants! Push the Google Assistant button on your remote and you can use your voice to find movies and shows, get recommendations, control compatible smart home devices, and more. Or ask Alexa to control the TV via Alexa-enabled devices.

Dolby Vision and Dolby Atmos



With Dolby Vision and Dolby Atmos on board, your films, shows, and games look and sound incredible. See the picture the director wanted

you to see—no more disappointing scenes that are too dark to make out! Hear every word clearly. Experience sound effects like they're really happening around you.

Next-gen Ambilight



With next-gen Ambilight, LEDs behind the screen immerse you in a halo of colorful light that's more detailed, better defined, and more in sync with the action than ever! Plus, you can even live up a blank screen with the Aurora curated collection of images and videos, which look great with Ambilight.

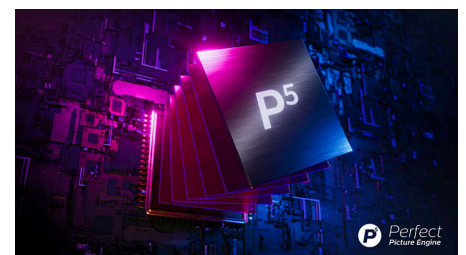
DTS Play-Fi

Great TV sound. And easy to add soundbars or speakers

Attractive design.

Slim TV. Packed for the future. The virtually bezel-free screen of this 4K smart TV goes with just about any interior, and the beautifully geometric feet make it seem as if the screen is floating.

Philips P5 picture engine.



The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colors are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. Motion is perfectly smooth.

4K UltraHD

dts play-fi

AMD FreeSync Premium

Google TV

Ok Google

Dolby Vision Atmos

Perfect Picture Engine

Specifications

Ambilight

Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight Music, AmbiWakeup, AmbiSleep, Ambilight Bootup Animation

Ambilight Version: 3-sided

Picture/Display

Display: 4K Ultra HD LED
Panel resolution: 3840 x 2160
Native refresh rate: 120 Hz
Picture engine: P5 Perfect Picture Engine
Picture enhancement: Micro Dimming Pro, HDR10+, Dolby Vision, CalMAN Ready, Perfect Natural Motion, HLG (Hybrid Log Gamma)

Display input resolution

Resolution-Refresh rate: 576p-50Hz, 640x480-60Hz, 720p-50Hz,60Hz, 1920x1080p-24Hz,25Hz,30Hz,50Hz, ,60Hz,100Hz,120Hz., 2560x1440-60Hz,120Hz, 3840x2160p-24Hz,25Hz,30Hz,50Hz, , 60Hz,100Hz,120Hz.

Tuner/Reception/Transmission

Digital TV: DVB-T/T2
TV Program guide*: 8 day Electronic Program Guide
Signal strength indication
HEVC support

Smart TV

OS: Google TV™
Memory size (Flash)*: 32GB

Smart TV Features

SmartTV apps*: Amazon Prime Video, Disney+, Google Play Movies*, Google Search, meWATCH app, Netflix, Open internet browser, Youtube, YouTube Music, Ambilight Aurora
Remote Control: with Voice
Voice assistant*: Google Assistant built-in, RC with Mic., Works with Alexa

Multimedia Applications

Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, VP9, HEVC (H.265), AV1
Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10), FLAC
Subtitles Formats Support: .SML, .SRT, .SSA, .SUB, .TXT, .ASS
Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

Processing

Processing Power: Quad Core

Sound

Output power (RMS): 40W
Speaker configuration: 4x10W mid-high speaker
Codec: DTS:X, Dolby Digital MS12 V2.6.1
Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode, A.I. EQ, DTS Play-Fi, Mimi Sound Personalization, Room Calibration

Specifications

Connectivity

Number of HDMI connections: 4

HDMI features: 4K, Audio Return Channel

EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby,

One touch play

Number of USBs: 2

Wireless connection: Wi-Fi 802.11ac, 2x2, Dual band, Bluetooth 5.0

Other connections: Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out

HDCP 2.3: Yes on all HDMI

HDMI ARC: Yes on HDMI2

HDMI eARC: Yes on HDMI2

HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ ALLM supported, Max 48Gbps data rate

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

Supported HDMI video features

HDMI 1/2: HDMI 2.1 full bandwidth 48Gbps, up to 4K 120Hz

Gaming: ALLM, HDMI VRR, Dolby Vision Game, AMD FreeSync Premium

HDMI 3/4: HDMI 2.0

HDR: Dolby Vision, HDR10, HDR10+, HLG

Power

Mains power: AC 220 - 240 V 50/60Hz

Standby power consumption: <0.5W

Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode, Light sensor

Accessories

Included accessories: Remote Control, 2 x AAA Batteries, Table top stand, Power cord, Quick start guide, Legal and safety brochure

Dimensions

Set Width: 1116 mm

Set Height: 645 mm

Set Depth: 81 mm

Product weight: 13 kg

Set width (with stand): 1116 mm

Set height (with stand): 716 mm

Set depth (with stand): 71 mm

Product weight (+stand): 13.5 kg

Box width: 1240 mm

Box height: 785 mm

Box depth: 150 mm

Weight incl. Packaging: 17 kg

Distance between 2 stands: 911 mm

Wall mount dimensions: 200 x 300 mm

Connections

Side



Down



- * EPG and actual visibility (up to 8 days) is country and operator dependent.
- * Android App offerings vary per country. For more details please visit your local Google Play Store.
- * 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.
- * Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.
- * Amazon Prime is available in selected languages and countries.
- * Disney+ subscription required. Subject to terms at <https://www.disneyplus.com> (c) 2020 Disney and its related entities. Disney+ is available in selected languages and countries.
- * Google Assistant is available on Philips Android TVs running on Android O (8) or higher OS version. Google Assistant is available in selected languages and countries.
- * Netflix subscription required. Subject to terms at <https://www.netflix.com>
- * Image depicted on the website are non-contractual pictures. Please always refer to the actual TV that are sold in the retail or stores.
- * Memory size (Flash) : 32G, the actual available disc space may differ (dependent on e.g. (pre-)installed apps, installed operating system, etc.)
- * Google TV is the name of this device's software experience and a trademark of Google LLC.
- * Google TV is the name of this device's software experience and a trademark of Google LLC. YouTube, Ok Google and other marks are trademarks of Google LLC.