



Philips 8500 series  
4K UHD LED Android TV

### 3-sided Ambilight TV

Major HDR formats supported  
P5 Perfect Picture Engine  
126 cm (50") Android TV



50PUT8516

## The one to watch

### 4K UHD LED Android TV with Ambilight

Choosing your next TV just got easy. When you're looking for superb picture and sound, easy connectivity, and responsive, hassle-free gaming—you're looking for The One. Plus you get Ambilight for an immersive experience like no other.

#### **Slim TV. Beautiful light.**

- The one with magical Ambilight. Only from Philips.
- The one with a vibrant HDR picture. Philips 4K UHD TV.
- Slim, attractive design

#### **Smooth motion. Real color. Incredible depth.**

- Major HDR formats. See more of what the director intended.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos
- The one for gamers. Low latency on any console.
- Whatever the source, always perfection. Philips P5 engine.

#### **Content at your command.**

- Voice control. The Google Assistant. Works with Alexa.
- The one that's simply smart. Android TV
- The one for multi-room audio. DTS Play-Fi compatible

# PHILIPS

4K UHD LED Android TV  
3-sided Ambilight TV Major HDR formats supported, P5 Perfect Picture Engine, 126 cm (50") Android TV

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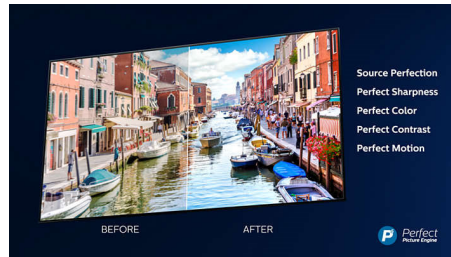
# Highlights

## 3-sided Ambilight



With Philips Ambilight every moment feels closer. Intelligent LEDs around the edge of the TV respond to the on-screen action and emit an immersive glow that's simply captivating. Experience it once and wonder how you enjoyed TV without it.

## Philips P5 Picture Engine



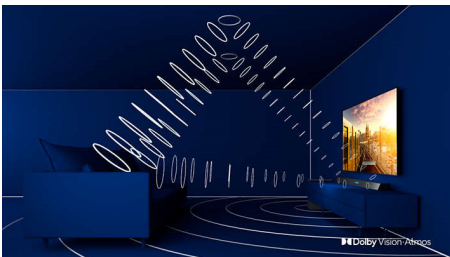
The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colors are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. Motion is perfectly smooth.

## HDMI 2.1 VRR and low latency



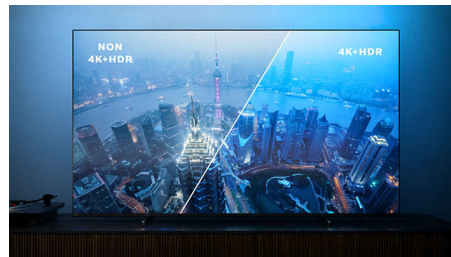
Your Philips TV boasts the latest HDMI 2.1 connectivity, and the TV automatically switches to a low latency setting when you start playing a game on your console. VRR is supported for smooth fast-action gameplay. Ambilight's gaming mode brings the thrill right into the room.

## Dolby Vision + Dolby Atmos



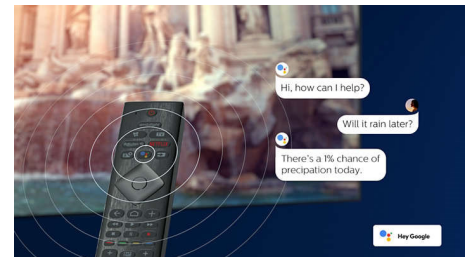
Support for Dolby's premium sound and video formats means the HDR content you watch will look-and-sound-glorious. You'll enjoy a picture that reflects the director's original intentions and experience spacious sound with real clarity and depth.

## Vibrant HDR picture



Your Philips 4K UHD TV is compatible with all major HDR formats, including Dolby Vision. Whether it's a must-watch series or the latest video game, shadows will be deeper. Bright surfaces will shine. Colors will be truer.

## AI voice control



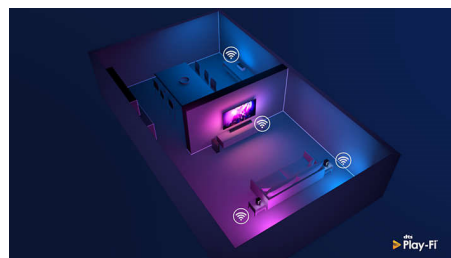
Push a button on the remote to talk to the Google Assistant. Control the TV or Google Assistant-compatible smart home devices with your voice. Or ask Alexa to control the TV via Alexa-enabled devices.

## Android TV



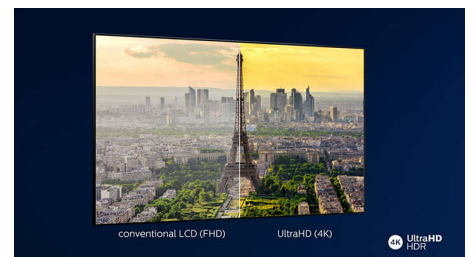
Your Philips Android TV gives you the content you want-when you want it. You can customize the home screen to display your favorite apps, making it simple to start streaming the movies and shows you love. Or pick up where you left off.

## DTS Play-Fi compatible



With DTS Play-Fi on your Philips TV you can connect to compatible speakers in any room. Got wireless speakers in the kitchen? Listen to the movie while you make a snack, or keep up with the sports commentary while you get everyone drinks.

## Major HDR formats supported



Your Philips TV is primed to get the most out of the HDR10+ video format. Contrast, color, and brightness levels are adjusted from frame to frame. Whether it's a must-watch series or the new blockbuster, shadows will be deeper. Bright surfaces will shine. Colors will be truer. Dolby Vision and Dolby Atmos. Cinematic vision and sound.



Dolby Vision-Atmos

androidtv



# Specifications

## Ambilight

- Ambilight Features: Ambilight Music, Game Mode, Wall colour adaptive, Lounge mode, AmbiWakeup, AmbiSleep
- Ambilight Version: 3-sided

## Picture/Display

- Aspect ratio: 16:9
- Display: 4K Ultra HD LED
- Panel resolution: 3840x2160
- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Ultra Resolution, Dolby Vision, HDR10+, Micro Dimming Pro, ISF Color Management

## Supported Display Resolution

- Computer inputs on all HDMI: HDR supported, HDR10/ HLG, up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10+/HLG
- Video inputs on all HDMI: up to 4K UHD 3840x2160@60Hz, HDR supported, HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2
- Video Playback: PAL, SECAM
- MPEG Support: MPEG2, MPEG4

- TV Program guide\*: 8 day Electronic Program Guide
- Signal strength indication
- HEVC support

## Android TV

- OS: Android TV™ 10 (Q)
- Pre-installed apps: Google Play Movies\*, Google Play Music\*, Google Search, YouTube, Netflix, Amazon Prime Video, Spotify
- Memory size(Flash): 32GB\*

## Smart TV Features

- User Interaction: SimplyShare
- Program: Pause TV, USB recording\*
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop smart menu button, Onscreen usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade, FWW download in background
- Screen Format Adjustments: Basic - Fill Screen, Fit to screen, Advance - Shift, Zoom, stretch, Wide screen

- 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, HEVC
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitles Formats Support: .SRT, .SUB, .TXT, .SMI
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

## Processing

- Processing Power: Quad Core

## Sound

- Output power (RMS): 20W
- Speaker configuration: 2x10W full range speaker
- Sound Enhancement: Dolby Atmos, A.I. Sound, Clear Dialogue, Night mode, A.I. EQ, Dolby Bass Enhancement, Dolby Volume Leveler, DTS Play-Fi, Mimi Sound Personalization

## Connectivity

- Number of HDMI connections: 4

## Connections

Side



Bottom



# Specifications

- 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: Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes for all ports
- HDMI eARC: Yes on HDMI2
- HDMI 2.1 features: ALLM on all HDMI ports, eARC on HDMI 2, VRR on all HDMI ports

## Power

- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio), Eco mode

## Accessories

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

## Dimensions

- Set Width: 1115.6 mm
- Set Height: 644.7 mm
- Set Depth: 80.6 mm
- Product weight: 13.2 kg
- Set width (with stand): 1115.6 mm
- Set height (with stand): 714.7 mm
- Set depth (with stand): 256.2 mm
- Product weight (+stand): 16.0 kg
- Box width: 1240.0 mm
- Box height: 785.0 mm
- Box depth: 160.0 mm
- Weight incl. Packaging: 19.7 kg
- Wall mount compatible: 200 x 300 mm



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- \* 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.
- \* 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.
- \* 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](http://www.philips.com/TVRemoteapp).
- \* Smart TV app offerings vary per TV model and country. For more details please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).
- \* Amazon Prime 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>
- \* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.
- \* Image depicted on the website are non-contractual pictures. Please always refer to the actual TV that are sold in the retail or stores.
- \* 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.