



Philips 8800 series  
4K smart TV sound by  
Bowers & Wilkins with  
Ambilight 3-sided

126 cm (50") Ambilight TV  
2100 Picture Performance Index  
HDR 10+  
P5 Perfect Picture Engine



50PUS8804

## 4K smart TV sound by Bowers & Wilkins with Ambilight 3-sided

Vibrant colors. Perfectly tuned Bowers & Wilkins sound. This Philips LED TV with built-in soundbar brings out the best in the content you love. Whether you're watching the latest HDR streaming series, gaming, or listening to music.

### Beautiful light. Beautiful audio.

- Bright 4K LED TV. Vibrant HDR picture. Smooth motion.
- Exceptional Bowers & Wilkins audio performance.
- Kvadrat speaker cloth. Designed to let the sound through.
- Ambilight. Take the emotion beyond the screen.

### Incredible moments

- Philips P5 Engine. Whatever the source, always perfection.
- Wide colour gamut. More colours. More vibrancy.
- HDR10+ supported. Dolby Vision and Dolby Atmos.

### True sound by Bowers & Wilkins

- Room-filling sound from front-firing speakers.
- Integrated sub-woofer, tweeters, full-range driver.

### Android TV-content at your command

- Android TV. Simply smart.
- AI voice control. Google Assistant built-in. Works with Alexa.

# PHILIPS

# Highlights

## Ambilight 3-sided

With Philips Ambilight, movies and games feel more immersive. Music gets a light show. And your screen will feel bigger than it is. Intelligent LEDs around the edges of the TV cast on-screen colours onto the walls, and into the room, in real time. You get perfectly tuned ambient lighting. And one more reason to love your TV.

## 4K UHD

Bright 4K LED TV. Vibrant HDR picture. Smooth motion. A Philips 4K UHD TV brings content to life with rich colors and crisp contrast. Images have more depth, and motion is smooth. Movies, shows, games, and more look great no matter the source.

## P5 Perfect Picture Engine

The Philips P5 Perfect Picture Engine delivers an image as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

## Sound by Bowers & Wilkins

A picture this lifelike demands true sound. An exclusive speaker design by legendary audio engineers Bowers & Wilkins delivers thrillingly lifelike performance. An integrated sub-woofer, tweeters, and full-range drivers produce deep, well-defined bass, pristine dialogue, and crystal-clear high frequencies. Even at low volume.

## Kvadrat speaker cloth

Sound this perfect should be heard with no obstructions. The soundbar on this Philips TV is covered with a premium speaker cloth created by high-end manufacturer Kvadrat. This beautiful wool-blend material is acoustically transparent, allowing every scintillating detail to flow freely from the speaker into the room.

## HDR10+ 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.

## Android TV.

Make your Philips Android TV your own. If it's all about Amazon and YouTube this week, and Rakuten TV and Netflix next week - no problem. A clear, intuitive interface lets you put the content you love front and center. Easily pick up where you left off in the latest series, or check out the new movie releases.

## AI voice control.

Control your Philips Android TV with your voice. Want to play a game, watch Netflix, or find content and apps in the Google Play store? Just tell your TV. You can even command all Google Assistant-compatible smart home devices, like dimming the lights and setting the thermostat on movie night. Without leaving the sofa. The days of searching for the TV remote are over. Now you can use your voice to control your Philips smart TV via Alexa-enabled devices, like Amazon Echo. Turn your TV on, change the channel, switch to your gaming console and more with Alexa.



# Specifications

## Ambilight

- Ambilight Version: 3 sided
- Ambilight Features: Built in Ambilight+hue, Ambilight Music, Game Mode, Wall colour adaptive, Lounge mode

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 50 inch / 126 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Pixel engine: P5 Perfect Picture Engine
- Picture enhancement: Wide Color Gamut 90% DCI/P3, Micro Dimming Pro, Ultra Resolution, 2100 PPI, Dolby Vision, HDR10+
- Diagonal screen size (inch): 50 inch

## Supported Display Resolution

- Computer inputs on all HDMI: 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

## Android

- OS: Android™ 9.0 (P)
- Pre-installed apps: Google Play Movies\*, Google Play Music\*, Google search, YouTube
- Memory size: 16GB

## Smart TV Features

- Interactive TV: HbbTV
- 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
- Screen Format Adjustments: Basic - Fill Screen, Fit to Screen, Advance - Shift, Zoom, Stretch, Wide screen
- Philips TV Remote app\*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard, with Voice
- User Interaction: SimplyShare

## Processing

- Processing Power: Quad Core

## Tuner/Reception/Transmission

- HEVC support
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide\*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext

## Connectivity

- Number of HDMI connections: 4
- Number of USBs: 2
- Number of component in (YPbPr): 1
- Wireless connections: Bluetooth 4.2, Wi-Fi 802.11ac, 2x2, Dual band
- Other connections: Common Interface Plus (CI+), Digital audio out (optical), Satellite Connector, Ethernet-LAN RJ-45, Audio L/R in, Headphone out
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on all HDMI

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC (H.265), VP9
- Subtitles Formats Support: .SRT, .SUB, .TXT, .SMI
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

## Power

- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Eu Energy Label power: 91 W
- Annual energy consumption: 133 kWh
- Standby power consumption: <0.3W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio), Eco mode
- Energy Label Class: A
- Presence of lead: Yes\*
- Off mode power consumption: N/A W

## Sound

- Output power (RMS): 45W
- Sound Enhancement: 5 Band Equalizer, A.I. Sound, Clear Dialogue, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode, Dolby Atmos
- Speaker configuration: 2x7.5W mid-high speaker, 30W woofer
- Audio: Sound by Bowers & Wilkins

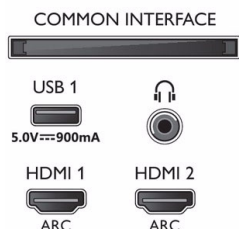
## Dimensions

- Box dimensions (W x H x D): 1240.0 x 853.0 x 174.0 mm
- Product weight: 15.5 kg
- Product weight (+stand): 15.7 kg
- Set dimensions (W x H x D): 1120.2 x 706.5 x 97.0 mm
- Set dimensions with stand (W x H x D): 1120.2 x 733.7 x 261.0 mm
- Weight incl. Packaging: 19.8 kg
- Stand dimensions (W x H x D): 790.0 x 27.2 x 261.0 mm
- VESA wall mount compatible: 300 x 200 mm

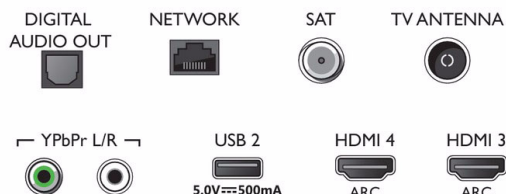


## Connections

### Side



### Bottom



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Version: 5.0.1

12 NC: 8670 001 57792  
EAN: 87 18863 01917 7

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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.
- \* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- \* 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/smarty](http://www.philips.com/smarty).
- \* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
- \* Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in UK, Germany, Austria)
- \* 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.
- \* Cloud Gaming offering depends on game providers.
- \* HDMI connection is required for soundbar, speaker and other audio device.
- \* Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.
- \* Google Assistant built-in will come as a software update for 2018 Android TVs.