



Philips 8600 series  
4K Quantum Dot LED TV  
powered by Android TV

**139 cm (55")**

4K Ultra-HD LED TV  
Quad Core, 16 GB & expandable  
DVB T/C/T2/T2-HD/S/S2



**55PUS8602**

## 4K Quantum Dot LED TV powered by Android TV with Ambilight 3-sided

The revolutionary Philips 8600 series use Quantum Dot LED TV with incredible P5 engine on a floating soundbar. The immersive, lifelike pictures and breathtaking audio make this piece of exquisite craftsmanship an absolute delight to own.

### **Award winning performance**

- The ultimate in contrast, colour and sharpness with HDR Perfect
- For a truly certified premium UHD entertainment experience
- Picture Perfection with Philips P5 Perfect Picture Engine
- Perfect Colour unlocks all the possibilities of colour

### **Visible Lightness**

- Ambilight changes the way you look at TV forever
- Finishing touches: a TV that looks as great as it performs

### **See how beautiful sound can be**

- Visible sound articulation lets you see the beauty of sound
- Hear every detail with DTS HD Premium Sound

### **Exhilarating. Limitless. Powered by Android**

- Google Play store and Philips app gallery: look beyond TV
- Built for a better Netflix experience

# PHILIPS

# Highlights

## Ambilight 3-sided



You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips' unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from two-sides of your TV screen onto the surrounding wall. Colour, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

## Authentic materials

Your home represents your style. Our designers chose subtle, sophisticated colours and quality finishes like brushed chrome to create a TV design that blends seamlessly with your interior.

## P5 Perfect Picture Engine



The new Philips P5 proprietary picture quality engine digitally optimises everything you view by state-of-the-art algorithm. Thanks to a dramatically increased processing power of the P5 engine, an overall 50% picture quality performance gain is achieved. Now you'll enjoy the deepest blacks and the brightest whites, the most vivid, brilliant colours and natural, lifelike skin tones. And our most fluid, razor-sharp pictures with incredible detail and depth,

in sport, movie or any other genres - every time and from any source.

## Ultra-HD Premium

With our fully certified Philips Ultra HD Premium TV, you can now enjoy brand new HDR content on your TV as well as marvel at your Philips TV's clear and detailed resolution and profoundly deep contrasting images. All this, coupled with a full dazzling array of illumination and a brilliant kaleidoscope of colours, will surely take your breath away.

## High Dynamic Range Perfect

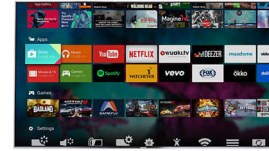


High Dynamic Range Perfect is the superior choice in redefining in-home entertainment through advances in contrast and colour. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the director's intent. The end result? Now you can enjoy your TV with brighter highlights and ultimate contrast and colours. With unrivalled levels of pure vivid detail, this is HDR Perfect: it's TV like you've never seen before.

## Perfect Colour

Philips Perfect Colour technology unlocks lifelike colour realism with trillions of shades. Experience an astonishingly wide colour spectrum in combination with our most sophisticated colour processing. Perfect Colour is the combination of 100% wide colour gamut panel and 2.250 Trillion colour processing, resulting in picture quality that looks like a window to the world.

## TV Content



The Google Play store and Philips app gallery go beyond traditional TV programming to bring you a big online collection of films, TV, music, apps and games. 16 GB of expandable memory means there's plenty of room to store all your favourite content and to install more apps.

## Netflix Recommended TV

Netflix is changing how you experience entertainment in many ways, including helping to advance innovations on the devices you use to watch TV shows and movies. When you see the Netflix Recommended TV logo on a smart TV, you'll know it's passed a rigorous evaluation process established based on the factors members value most.

## Visible sound articulation

Engineered sound in a slim design. Enjoy incredible highs and lifelike mids from a plethora of micro-drivers in a sleek speaker bar. When you can hear every whisper, step and creak in the floor, it doesn't take much to imagine how powerfully clear every crash, bang and explosion sounds. And when it comes to bass, nothing has been compromised with strategically placed rear speakers for deep, rich tones. It's a TV that sounds as good as it looks.

## DTS HD Premium Sound

Great TV speakers demand a powerful processing engine that preserves the purity of the original audio content. DTS HD Premium Sound is designed to deliver the experience consumers have come to expect from high-end sound processing: immersive surround with deep, rich bass and crystal-clear dialogue that is delivered at maximum volume levels and without any fluctuations, clipping or distortion.



# Specifications

## Ambilight

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

## Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 55 inch
- Diagonal screen size (metric): 139 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160

- Brightness: 700 cd/m<sup>2</sup>

- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Perfect Natural Motion, Ultra Resolution, 3200 PPI, Micro Dimming Pro
- Peak Luminance ratio: 65 %

## Supported Display Resolution

- Computer inputs on HDMI 1/2: up to 4K UHD 3840 x 2160 @60 Hz
- Computer inputs on HDMI 3/4: up to 4K UHD 3840 x 2160 @30 Hz, up to FHD 1920 x 1080 @60 Hz

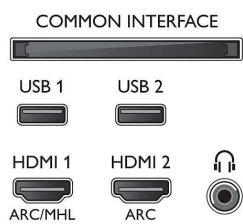
- Video inputs on HDMI 1/2: up to 4K UHD 3840 x 2160 @60 Hz
- Video inputs on HDMI 3/4: up to 4K UHD 3840 x 2160 @30 Hz, up to FHD 1920 x 1080 @60 Hz

## Tuner/Reception/Transmission

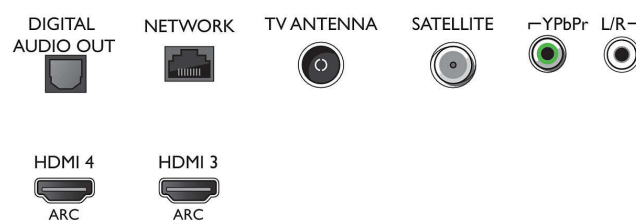
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- Video Playback: NTSC, PAL, SECAM
- MPEG Support: MPEG2, MPEG4
- TV Programme guide\*: 8-day Electronic Programme Guide

## Connections

### Side



### Bottom



# Specifications

- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

## Android TV

- OS: Android™ 6.0 (Marshmallow)
- Pre-installed apps: Google Play Movies\*, Google Play Music\*, Google Search, YouTube
- Memory size (Flash): 16 GB\*, extendable via USB storage

## Smart TV Features

- User Interaction: SimplyShare
- Interactive TV: HbbTV
- Programme: Pause TV, USB recording\*
- SmartTV apps\*: Online video stores, Open Internet browser, TV on demand, YouTube, Social TV
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop smart menu button, On-screen user manual
- 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
- Philips TV Remote app\*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard

## Multimedia Applications

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

## Processing

- Processing Power: Quad Core

## Sound

- Output power (RMS): 50 W
- Sound Enhancement: Clear Sound, Smart Sound, DTS-HD Premium Sound
- Sound Features: Double ring technology

## Connectivity

- Number of HDMI connections: 4
- HDMI features: 4K, Audio Return Channel
- Number of components in (YPbPr): 1
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 2
- Wireless connection: Dual Band, Wi-Fi 802.11ac 2 x 2 integrated
- Other connections: Common Interface Plus (CI+), Digital audio out (optical), Antenna IEC75, Satellite Connector, Ethernet-LAN RJ-45, Audio L/R in, Headphone out
- HDCP 2.2: Yes on HDMI1, Yes on HDMI2

## Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <math>\leq 0.3\text{ W}</math>
- Energy Label Class: B
- EU Energy Label power: 149 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)
- Off mode power consumption: <math>\leq 0.3</math>
- Annual energy consumption: 218 kWh
- Presence of lead: Yes\*
- Mercury content: 0 mg

## Accessories

- Included accessories: Remote Control, 2 x AA Batteries, Power cord, Mini-jack to L/R cable, Mini-jack to YPbPr cable, Quick start guide, Legal and safety brochure, Tabletop stand

## Dimensions

- Set Width: 1239.6 mm
- Set Height: 725.49 mm
- Set Depth: 46.61 mm
- Product weight: 20.92 kg
- Set width (with stand): 1239.6 mm
- Set height (with stand): 778.77 mm
- Set depth (with stand): 257.9 mm
- Product weight (+stand): 22.24 kg
- Box width: 1386 mm
- Box height: 923 mm
- Box depth: 160 mm
- Weight incl. Packaging: 24.6 kg
- Wall-mount compatible: 400 x 400 mm
- TV stand width distance: 766.53 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.
- \* 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.
- \* Cloud Gaming offering depends on game providers.
- \* 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) only compatible with specific Philips player device.
- \* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details, please visit the Google Cast product page.
- \* 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 availability varies per TV model and country. For more details please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).
- \* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
- \* MultiRoom Client and Server supports only 'Free to Air' digital programmes.
- \* 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.
- \* HDMI connection is required for soundbar, speaker and other audio device.