



Philips 7800 series
4K UHD LED Smart TV
with Ambilight 3-sided

178 cm (70") Ambilight TV

Major HDR formats supported
P5 Perfect Picture Engine
Alexa built-in



70PUS7805

Discover new dimensions with Alexa and Ambilight.

4K HDR Smart LED TV

Add new dimensions to your viewing. This Philips Smart TV comes with built-in Alexa so you can control it with your voice. Ambilight sets the mood for movies, music or gaming. Picture quality is as brilliant as the content you love.

Slim design. Beautiful light.

- Philips 4K UHD TV. Vibrant HDR picture.
- The magic of Ambilight. Only from Philips.
- Gunmetal grey bezel. Slender feet.

Brilliant picture. The definition of beauty.

- Philips P5 Engine. Whatever the source, always perfection.
- HDR10+. See more of what the director intended.
- Dolby Vision and Dolby Atmos. Cinematic vision and sound.

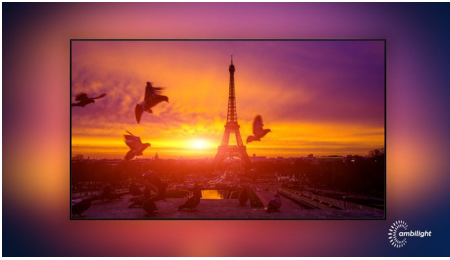
Simply smart

- Saphi Smart TV. The smart way to enjoy your TV.
- One-button access to apps including Netflix and Prime Video.
- Alexa built in. Your voice is your remote.
- Works with Google Assistant
- Clear audio from full-range speakers.

PHILIPS

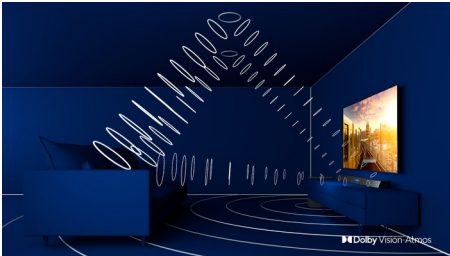
Highlights

Ambilight 3 sided



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.

Dolby Vision and Dolby Atmos



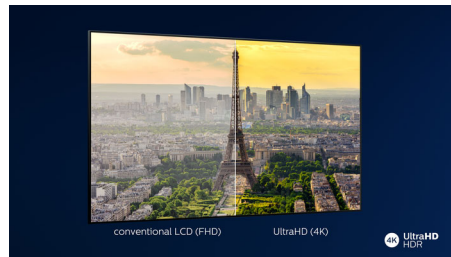
Support for Dolby's premium sound and video formats means the HDR content you watch will look—and sound—gloriously real. Whether it's the latest streaming series or a Blu-Ray disc set, you'll enjoy contrast, brightness and colour that reflect the director's original intentions. And hear spacious sound with clarity, detail and depth.

P5 Perfect Picture Engine



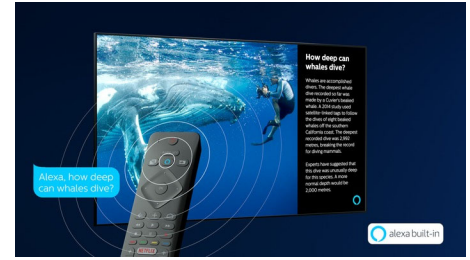
The Philips P5 Perfect Picture Engine delivers an image as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. And motion is so smooth that you'll never lose sight of the ball, no matter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

4K UHD HDR



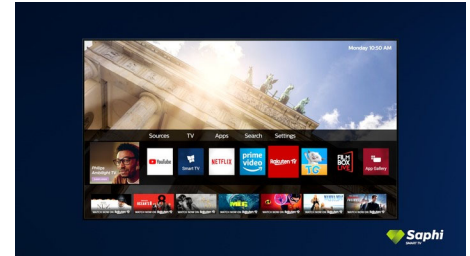
Your Philips 4K UHD TV is compatible with all major HDR formats, including HDR10+ and Dolby Vision. Whether it's a must-watch series or the latest video game, shadows will be deeper. Bright surfaces will shine. Colours will be truer.

Voice control

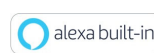


Now you can use your voice to control your Philips smart TV. You can ask Alexa to change channels, switch to your gaming console or control smart-home devices like your lights and thermostat. You can do all of this and more with Alexa.

Saphi Smart TV



SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy one-button access to a clear icon-based menu. Quickly navigate to popular Philips Smart TV apps including YouTube, Netflix and more.



Specifications

Ambilight

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

Picture/Display

- Diagonal screen size: 70 inch / 178 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Picture enhancement: Ultra Resolution, Dolby Vision, HDR10+, 1700 PPI, HLG (Hybrid Log Gamma)
- Pixel engine: P5 Perfect Picture Engine

Supported Display Resolution

- Computer inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG
- Video inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

Smart TV Features

- User Interaction: SimplyShare, Screen mirroring
- Interactive TV: HbbTV
- Programme: Pause TV, USB recording*
- SmartTV apps*: Online video stores, Open Internet browser, TV on demand, YouTube, Netflix TV
- Ease of Installation: Auto detect Philips devices, Network installation wizard, Settings assistant wizard
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to screen, Zoom, stretch, Wide screen
- Ease of Use: One-stop smart menu button, On-screen user manual
- Voice assistant*: Alexa built-in, RC with Mic.

Processing

- Processing Power: Quad Core

Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- MPEG Support: MPEG2, MPEG4

- Video Playback: PAL, SECAM
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Connectivity

- Number of HDMI connections: 3
- Number of USBs: 2
- Wireless connections: Wi-Fi 802.11n 2 x 2 integrated, Dual Band
- Other connections: Satellite Connector, Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out, Service connector
- HDMI features: Audio Return Channel, 4K
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.3: 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: .SML, .SRT, .SUB, .TXT, .ASS, .SSA
- 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 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <0.3 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode
- Energy Label Class: A+
- EU Energy Label power: 114 W
- Annual energy consumption: 167 kWh
- Mercury content: 0 mg
- Presence of lead: Yes*
- Off mode power consumption: N/A W

Sound

- Output power (RMS): 20 W
- Sound Enhancement: A.I. Sound, Dolby Atmos®, Dolby Bass Enhancement, Dolby Volume Leveller,

- 5 Band Equalizer, Clear Dialogue, Night mode
- Speaker configuration: 2 x 10 W full-range speaker

Dimensions

- Box dimensions (W x H x D): 1757.0 x 1025.0 x 181.0 mm
- Set dimensions (W x H x D): 1581.0 x 894.0 x 86.1 mm
- Set dimensions with stand (W x H x D): 1581.0 x 912.4 x 299.4 mm
- Product weight: 27.6 kg
- Product weight (+stand): 28.2 kg
- Weight incl. Packaging: 32.7 kg
- VESA wall mount compatible: 400 x 200 mm
- Stand dimensions (W x H x D): 808/1399 x 18.4 x 299.4 mm

Design

- Colours of TV: Plastic gun metal bezel
- Stand design: Mid silver groove stand

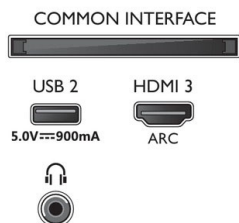
Accessories

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

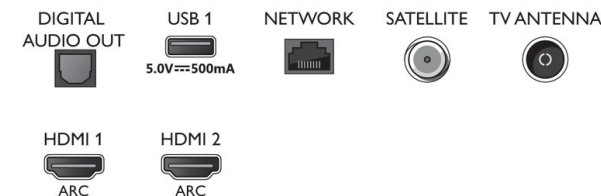


Connections

Side



Bottom



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Version: 6.4.1

12 NC: 8670 001 65812
EAN: 87 18863 02336 5

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* EPG and actual visibility (up to 8 days) is country- and operator-dependent.

* 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.

* Smart TV app availability varies per TV model and country. For more details please visit: 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.

* 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.