

Ultra Slim 4K UHD LED Android TV with Ambilight 3-sided

- 189 cm (75") Ambilight TV
- 1700 Picture Performance Index
- HDR Plus
- P5 Perfect Picture Engine

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Ultra Slim 4K UHD LED Android TV

with Ambilight 3-sided

Enlarge your viewing experience with a 75 inch Ambilight TV. Philips 7800 combines 4K Ultra HD and our powerful P5 Picture Processing Engine with Android TV and Ambilight for a non-stop entertainment journey.

Benefits

Beautiful attention to detail

- Ambilight. Take the emotion beyond the screen.

See every detail

- Philips P5 Engine. Whatever the source, always perfection.
- 4K Ultra HD is unlike any resolution you've ever seen before
- Experience better contrast, colour and sharpness with HDR Plus
- Micro Dimming Pro for incredible contrast

With Android, your TV can do it all

- Google Play store and Philips app gallery: look beyond TV
- Unleash the power of Quad Core and integrated Android

Sound never looked so good

- Hear every detail with DTS HD Premium Sound
- Powerful Sound Processing for uncompromised sound clarity

PHILIPS

Features

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.

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 Ultra HD

With four times the resolution of conventional Full HD, Ultra HD lights up your screen with over 8 million pixels and our unique Ultra Resolution Upscaling technology. Experience improved images regardless of the original content, and enjoy a sharper picture with superior depth, contrast, natural motion and vivid details.

HDR Plus



High Dynamic Range Plus redefines in-home entertainment. Experience a sensory journey with its advanced processing power. Capture the richness and liveliness of the content just as the creator intended. Get ready to enjoy

brighter highlights, greater contrast, a broader range of colours and detail like never before.

Micro Dimming Pro



Micro Dimming Pro optimises the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyse the picture in 6400 different zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience-day or night.

TV Content

Go beyond traditional TV programming with Google Play Store and Philips App Gallery. Experience endless movies, TV, music, apps and games online.

Quad Core + Android



Philips Quad Core processor meets the power of Android to deliver an exciting gaming experience. And with Android on your TV you'll navigate, launch apps and play videos in a way that is super fast, super intuitive and super fun.

DTS HD Premium Sound

DTS HD Premium Suite delivers high-end audio processing for better sound from your speakers. Preserving the purity of the original content, you'll enjoy immersive sound, deep bass and crystal clear dialogue without any fluctuations, clipping or distortion.

Sound processing

A gust of wind, a leaf hitting the ground, the sound of tires zooming down a windy road. The little details are what bring the picture to life. Philips Sound Processing brings these details together with uncompromised sound clarity. Hear everything as the director intended with studio-grade sound mixing that supports original audio content and enhances sound when needed. Deep bass, clear dialogue and amazing accuracy are just the start.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Ambilight

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

Diagonal screen size (inch)	75 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Picture enhancement	Ultra Resolution Micro Dimming Pro 1700 PPI

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (inch)	75 inch
Diagonal screen size (metric)	189 cm

Android

OS	Android™ 8.0 (Oreo)
Pre-installed apps	Google Play Movies* Google Play Music* Google Search YouTube

Memory size	16 GB	HEVC (H.265) VP9
Smart TV Features		
User Interaction	MultiRoom Client and Server SimplyShare	Subtitles Formats Support .SRT .SUB .TXT .SMI
Interactive TV Programme	HbbTV Pause TV USB Recording*	Music Playback Formats AAC MP3 WAV
SmartTV apps*	Online Video Stores Open Internet Browser Social TV TV on Demand YouTube	Picture Playback Formats JPEG BMP GIF PNG
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 with Voice	
Processing		
Processing Power	Quad Core	
Sound		
Output power (RMS)	30 W	
Sound Enhancement	Smart Sound DTS-HD Premium Sound [DTS-HD Premium Sound] Dolby Atmos reflective DTS Studio Sound DTS TruSurround	
Speaker configuration	2 x 15 W full range speaker	
Connectivity		
Number of HDMI connections	4	
Number of USBs	2	
Number of components in (YPbPr)	1	
Wireless connections	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	
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	
		Supported Display Resolution
	Computer inputs on HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz HDR supported, HDR10/HLG
	Computer inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @60 Hz
	Video inputs on HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz HDR supported, HDR10/HLG
	Video inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @60 Hz
Tuner/Reception/Transmission		
	HEVC support	Yes
	Digital TV	DVB-T/T2/T2-HD/C/S/S2
	MPEG Support	MPEG2 MPEG4
	Video Playback	NTSC PAL SECAM
	TV Programme guide*	8-day Electronic Programme Guide
	Signal strength indication	Yes
	Teletext	1000-page Hypertext
Power		
	Mains power	AC 220 - 240 V 50/60 Hz
	Standby power consumption	<0.3 W
	Off mode power consumption	0.3 W
	Power Saving Features	Auto switch-off timer Picture mute (for radio) Light sensor
	Ambient temperature	5°C to 35°C
	EU Energy Label power	123 W
	Annual energy consumption	180 kW h
	Mercury content	0 mg
	Presence of lead	Yes*
	Energy Label Class	A+
Dimensions		
	Box width	2034 mm
	Box height	1116 mm
	Box depth	242 mm
	Set Width	1678.8 mm
	Set Height	964.3 mm
	Set Depth	68.4 mm
	Set width (with stand)	1678.8 mm
	Set height (with stand)	985.5 mm
	Set depth (with stand)	314.6 mm
	TV stand width distance	750.0 mm
	VESA wall mount compatible	600 x 400 mm
	Product weight	41.9 kg
	Product weight (+stand)	43.6 kg

Weight incl. Packaging 57.5 kg

Colour & Finish

TV Front Metallic Silver

Accessories

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

* 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.

* 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.

* Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in the UK, Germany and 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.

* Google Assistant built in will come as a software update for 2018 Android TVs.

* Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.

* Cloud Gaming offering depends on game providers.

* (Philips) only compatible with specific Philips player device.



data subject to change
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