



Philips

Ultra-Slim Smart 4K Ultra-HD LED TV with Ambilight 2-sided and Pixel Precise Ultra HD

- 106 cm (42")
- 4K Ultra-HD LED TV
- Quad Core
- DVB-T/T2/C/S/S2

42PUS7809/12

Ultra-Slim Smart 4K Ultra-HD LED TV

With Ambilight 2-sided

Ultra HD with you in mind: the Philips 7800 series 4K Ultra-HD TV. Packed with features, it's a feast for the senses combining stunning 4K resolution, Ambilight, 3D and Ultra-Slim dimensions to take your breath away.

Benefits

Light up your life. Love it. Live it.

- Ambilight changes the way you look at TV forever

A TV that's more than Smart — it's beautiful

- Frameless design: no bezel means more TV to love
- Finishing touches: a TV that looks as great as it performs
- Ultra Slim lines for a refined profile

A picture so real, you'll forget it's TV

- 4K Ultra HD: resolution like you've never seen it before

- Pixel Precise Ultra HD: discover vivid Picture Quality
- 600 Hz PMR Ultra HD for flawless moving images

Connect, communicate, record and share

- From apps to Cloud TV: more online entertainment than ever
- Wi-Fi Miracast™—mirror your smartphone screen to your TV
- Multiroom TV—share live TV and recordings between TVs
- Keyboard remote control makes texting easy



PHILIPS

Features

Ambilight 2-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 projecting 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, bringing with it a more thrilling, intense and immersive viewing experience.

Frameless design

Sleek. Minimalist. Discreet. Our frameless bezel is beautifully crafted from high-quality glass and edged with an ultra-thin aluminium wrap; minimising the frame and maximising your viewing.

Authentic materials

Your home represents your style. Our designers chose subtle, sophisticated colours and finishes and combined them with authentic, quality materials like aluminium to create a TV design that blends seamlessly with your interior.

Ultra Slim profile



Sleek. Cutting edge. Refined. Precise. The Philips Ultra Slim silhouette. That something so slim can inspire so much interest shouldn't be surprising, given how much sophistication it will bring to your décor.

4K Ultra-HD Resolution



See TV like never before thanks to four times the resolution of a conventional Full HD TV. 3840 x 2160 pixels provide an image so refined, so lifelike, it's a window to a new world.

Pixel Precise Ultra HD

The beauty of 4K Ultra-HD TV is in savouring every detail. The picture-processing algorithms of our Pixel Precise Ultra-HD engine convert any input picture into UHD resolution on your screen. The result? Whether you watch a video online or native 4K Ultra-HD content, you'll experience exceptional sharpness, motion, clarity, colour and contrast from Philips.

600 Hz PMR Ultra



Nothing beats the adrenaline rush of gaming, fast-paced sporting events or action films on an Ultra-HD TV. That's why this Philips TV has 600 Hz Perfect Motion Rate Ultra, so you'll enjoy flawless moving images in Ultra-HD resolution. Because even though your pulse may jump, the image you're watching shouldn't.

Apps, Cloud TV* & Explorer

Imagine an ever-growing Smart app portfolio on your TV. From YouTube to music, Video On Demand and more, you can customise which apps you add to your dashboard. Want more? Explore Cloud TV. With hundreds of premium international channels, it's a great way to watch your favourite programmes and discover what's popular on the other side of the world. With Cloud Explorer, you can access Dropbox™ to view (and share) your favourite photos and videos on the big screen.

Wi-Fi Miracast™*



Mirror what you see on your smart device and share it with friends and family on your TV. From photos to videos, games and more, mirror anything from your smartphone and tablet to your big screen with a simple command.

Remote Control with Keyboard



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	2 sided
Ambilight Features	Built-in Ambilight+hue Wall colour adaptive Gaming mode Lounge light mode

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	106 cm
Diagonal screen size (inch)	42 inch
Panel resolution	3840 x 2160
3D	Passive 3D 2 Player Full Screen Gaming* 2D to 3D conversion
Aspect ratio	16:9
Brightness	450 cd/m ²
Pixel engine	Pixel Precise Ultra HD
Picture enhancement	Perfect Natural Motion Micro Dimming Pro 600 Hz PMR Ultra Ultra Resolution

Smart TV

Interactive TV	HbbTV
SmartTV apps*	Catch-up TV Spotify Online apps Online Video shops Open Internet browser YouTube
Social TV	Skype Twitter

Smart Interaction

Remote Control	with Keyboard
User interaction	Cloud TV* and Cloud Explorer Dropbox™ SimplyShare MultiRoom Client and Server Wi-Fi Miracast Certified*
Programme	Pause TV USB Recording*
Ease of Installation	Auto detect Philips devices Device connection wizard Network installation wizard

Ease of Use	Settings assistant wizard Home button Smart TV button Watch TV 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
My Remote App*	Control Simply Share TV Guide Wi-Fi Smart Screen

Processing

Processing Power	Quad Core
------------------	-----------

Sound

Output power (RMS)	25 W (15 W + 10 W)
Sound Features	Smart Stereo Ambi wOOx Natural Sound
Sound Enhancement	Incredible Surround Incredible Surround 3D Clear Sound Auto Volume Leveller Dynamic Bass Enhancement Smart Sound

Connectivity

Number of HDMI connections	4
Number of components in (YPbPr)	1
Number of scarts (RGB/CVBS)	1
Number of USBs	3
Wireless connections	Integrated Wi-Fi 11n 2 x 2 Dual band CI+1.3 certified
Other connections	Antenna IEC75 Common Interface Plus (CI+) Ethernet-LAN RJ-45 Digital audio out (optical)

	Audio L/R in	Video Playback	NTSC
	Headphone out		PAL
	Service connector		SECAM
HDMI features	3D	TV Programme guide*	8-day Electronic Programme Guide
	4K	Signal strength indication	Yes
EasyLink (HDMI-CEC)	Audio Return Channel	Teletext	1000-page Hypertext
	Remote control pass-through		
	System audio control		
	System standby		
	Auto subtitle shift (Philips)*		
	Pixel Plus link (Philips)*		
HDCP 2.2	One touch play		
	Yes on HDMI1		

Power

Mains power	AC 220 - 240 V 50/60 Hz
Ambient temperature	5°C to 35°C
EU Energy Label	53 W
power	
Annual energy consumption	73 kWh
Energy Label Class	A+
Standby power consumption	< 0.3 W
Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)

Supported Display Resolution

Computer inputs on all HDMI	up to FHD 1920 x 1080 @60 Hz
Video inputs on all HDMI	4K Ultra HD 3840 x 2160 @30 Hz
	up to FHD 1920 x 1080p @ 24, 25, 30, 50, 60 Hz
	up to 4K Ultra HD 3840 x 2160p @24, 25, 30 Hz

Multimedia Applications

Video Playback Formats	Containers: AVI, MKV H264/MPEG-4 AVC MPEG-1 MPEG-2 MPEG-4 WMV9/VC1 3GP
Subtitles Formats Support	.AAS .SMI .SRT .SSA .SUB .TXT MKV/SRT
Music Playback Formats	AAC AMR LPCM M4A MP3 MPEG1 L1/2 WMA (v2 up to v9.2)
Picture Playback Formats	JPEG BMP GIF JPS PNG PNS

Dimensions

Box depth	132 mm
Box height	753 mm
Box width	1060 mm
Set Depth	33 mm
Set Height	552 mm
Set Width	950 mm
Set depth (with stand)	193 mm
Set height (with stand)	626 mm
Set width (with stand)	950 mm
Product weight	12 kg
Product weight (+stand)	14.3 kg
Weight incl. Packaging	18 kg
VESA wall mount compatible	400 x 400 mm

Accessories

Included accessories	4 x Passive 3D Glasses Remote Control 2 x AA Batteries Tabletop swivel stand Power cord Quick start guide Legal and safety brochure
Optional accessories	Philips TV camera PTA317 3D glasses PTA417 3D glasses Game kit PTA436

Tuner/Reception/Transmission

Digital TV	DVB-T/T2/C/S/S2
------------	-----------------

* MyRemote app and related functionalities varies according to the TV model and country, as well as smart device model and OS. For more details please visit www.philips.com/TV.
* For smart TV app, visit www.philips.com/TV to discover the services offered in your country.
* Cloud TV offering depends on country availability and regulations.
* Compatibility depends on Wi-Fi Miracast certification and Android 4.2 or later. For more details please refer to your device documentation.
* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
* Philips TV camera (PTA317) is sold separately.

* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.
* 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.
* 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.
* EPG and actual visibility (up to 8 days) is country- and operator-dependent.
* (Philips) only compatible with specific Philips player device.



data subject to change
2015, July 13

Version: 7.0.2
EAN: 8712581705817

© 2015 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com