Philips

Ultra Slim Smart 4K Ultra HD LED TV with Smart TV and Pixel Plus Ultra HD

• 127 cm (50")
• 4K Ultra HD LED TV
• Dual Core
• DVB-T/T2

50PUT8509/56

Ultra Slim 4K Ultra HD LED TV

With Smart TV

Join the Ultra HD revolution with the Philips 8500 series 4K Ultra HD TV. Watch hundreds of premium international channels via Cloud TV and immerse yourself in 3D. And all in 4K Ultra HD resolution.

Benefits

A TV that's more than Smart, it's beautiful
• Ultra Slim lines for a refined profile
• Ultra Narrow bezel gives you more picture to love

A picture so real, you'll forget it's TV
• Pixel Plus Ultra HD: discover Ultra HD Picture Quality
• Digital Natural Motion for smooth moving images
• 400Hz PMR Ultra HD for smooth moving images
• 3D realistically takes you places you've never been before

Connect, communicate, record and share
• Smart TV: a whole new world to explore
• MyRemote app: the Smarter way to interact with your TV
• Wi-Fi Miracast™—mirror your smartphone screen to your TV
• Cloud TV and Cloud Explorer bring worlds together
• Multiroom TV—share live TV and recordings between TVs

ambi light

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Features

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.

Ultra narrow bezel

Traditional TVs have a bezel that wraps around the TV like a picture frame. Our Ultra Narrow bezel is modern and thin, so you have more picture to enjoy.

Pixel Plus Ultra HD

Experience Ultra HD sharpness from Philips. Now you can enjoy your favorite action films and sporting events in stunning 4K Ultra HD resolution. And whether you stream online or watch a DVD, Philips Pixel Plus Ultra HD Engine delivers sharper images with brighter whites and blacker blacks.

Digital Natural Motion

You love action movies, sporting events and gaming, but demand the very best image possible. Digital Natural Motion is a Philips award winning motion enhancement technology that diminishes judder, providing excellent sharpness and the smoothest, most fluid picture imaginable.

400Hz 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 400Hz Perfect Motion Rate Ultra; so you'll enjoy smooth moving images in Ultra HD resolution. Because even though your pulse may jump, the image you're watching shouldn't.

3D

Active 3D technology and high-speed displays create incredible depth, contrast and realism for an unrivaled 3D viewing experience. Converts 2D content into vivid and flawless 3D. The ultimate 3D experience.

Smart TV

Discover a Smarter experience that lies beyond traditional TV. Rent and stream movies, videos or games from online video stores. Watch catch-up TV from your favorite channels and enjoy a growing selection of online apps such as Youtube.

MyRemote*

Control your Philips TV directly from your Smart device. With the MyRemote App its never been easier to share content from your Smart device onto your TV (SimplyShare), pull digital broadcast TV onto your tablet (Wi-Fi Smart screen), or stay up to date thanks to the TV Program Guide, which lets you choose shows to watch.

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.

Cloud TV* & Explorer

"Because you're unique, we think the way you watch TV should be too. With it's constantly growing selection, Philips Cloud TV lets you choose from hundreds of TV channels from around the world. Cloud Explorer makes sharing with friends near and far easy by allowing you to access your Dropbox™ account via your TV, letting you view your content on the big screen.

Multiroom client & server

Break free of traditional broadcasting. Acting as a server, your Philips Smart TV has the power to connect to another TV on the same Wi-Fi network. Once connected, you can share digital broadcast TV and recordings from this TV to a client TV, all without laying new cables or spending money on multiple subscriptions.

Specifications

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Ambilight

Ambilight Version	3 sided
Ambilight Features	Auto Ambilight
	Wall colour adaptive
	Dual View Fixed Color
	Dynamic
	linked to light sensor
	Lounge mode
	sunset
Ambilight light system	Built-in AL + Hue

Picture/Display

Display	LED Ultra HD
Diagonal screen size (metric)	127 cm
Diagonal screen size (inch)	50 inch
Panel resolution	3840x2160
3D	Active 3D
	2 Player Full Screen Gaming*
	3D Depth adjustment
	2D to 3D conversion
	Auto 3D detection
	Flickerfree 3D
Aspect ratio	4:3/16:9
Brightness	350 cd/m²
Picture enhancement	Pixel Plus Ultra HD
	Digital Natural Motion
	400Hz PMR Ultra
	Micro Dimming

Smart TV

Interactive TV	HbbTV
SmartTV apps*	Catch-up TV
	Netflix
	Spotify
	Online apps
	Online Video stores
	Open Internet browser
	YouTube
Social TV	Skype
	Twitter
TV programe guide*	8 day Electronic Program Guide

Smart Interaction

User interaction	SimplyShare
	Cloud TV* and Cloud Explorer
	MultiRoom Client
	MultiRoom Client and Server
	Wi-fi Miracast Certified*
	Smart text remote control
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 Home button
	Onscreen Usermanual
Firmware upgrade-able	Firmware auto upgrade wizard
	Firmware upgradeable via USB

data subject to change
2015, April 10

	Online firmware upgrade		GIF
Signal strength indication	Yes		JPS
			PNG
Teletext	1000 page Hypertext		PNS
My Remote App*	Control		
	Simply Share	**Supported Display Resolution**	
	TV Guide		
	Wi-fi Smart Screen	Computer inputs on all HDMI	up to 4K Ultra HD 3840x2160
Screen Format Adjustments	Basic - Fill Screen	Video inputs on all HDMI	up to 4K Ultra HD 3840x2160p @24,25,30Hz
	Fit to Screen		
	Advance - Shift	**Tuner/Reception/Transmission**	
	Zoom		
	Stretch	Digital TV	DVB-T/T2
	Dot: dot	MPEG Support	MPEG2
			MPEG4
CPU		Video Playback	NTSC
			PAL
Processor type	Dual-Core		SECAM
		Analog TV	NTSC
Sound			PAL
			SECAM
Output power (RMS)	20W		
Sound Features	Smart Stereo	**Power**	
	Natural Sound		
Sound Enhancement	Incredible Surround	Mains power	AC 110- 240V 50/60Hz
	Clear Sound	Ambient temperature	5 °C to 35 °C
	Auto Volume Leveller	Eu Energy Label power	60 W
	Bass Enhancement		
	Smart Sound	Annual energy consumption	88 kW·h
		Standby power consumption	< 0.3 W
Connectivity			
		Off mode power consumption	< 0.3 W
Number of HDMI connections	4		
		Power Saving Features	Auto switch-off timer
Number of component in (YPbPr)	1		Eco mode
			Light sensor
Number of USBs	2		Picture mute (for radio)
Wireless connections	Wi-Fi 2x2 Integrated		
Other connections	Antenna IEC75	**Dimensions**	
	Common Interface Plus (CI+)		
	Ethernet-LAN RJ-45	Box depth	133 mm
	Digital audio out (optical)	Box height	771 mm
	Audio L/R in	Box width	1320 mm
	Headphone out	Set Depth	39 mm
	Service connector	Set Height	662 mm
HDMI features	3D	Set Width	1123 mm
	Audio Return Channel	Set depth (with stand)	280 mm
EasyLink (HDMI-CEC)	Remote control pass-through		
	System audio control	Set height (with stand)	722 mm
	System standby		
	Auto subtitle shift (Philips)*	Set width (with stand)	1123 mm
	Pixel Plus link (Philips)*		
	One touch play	Product weight	16.4 kg
		Product weight (+stand)	17.9 kg
Multimedia Applications			
		Weight incl. Packaging	22 kg
Video Playback Formats	Containers: AVI, MKV		
	H264/MPEG-4 AVC	VESA wall mount compatible	400 x 200 mm
	MPEG-1		
	MPEG-2	**Accessories**	
	MPEG-4		
	WMV9/VC1	Included accessories	2 x 3D active Glasses
Subtitles Formats Support	.AAS		Remote Control
	.SMI		2 x AAA Batteries
	.SRT		Tabletop swivel stand
	.SSA		Power cord
	.SUB		Quick start guide
	.TXT		Legal and safety brochure
Music Playback Formats	AAC		Warranty Leaflet
	AMR	Optional accessories	Philips TV camera PTA317
	LPCM		Active glasses PTA509
	M4A		Active Glasses PTA519
	MP3		
	MPEG1 L1/2		
	WMA (v2 up to v9.2)		
Picture Playback Formats	JPEG		
	BMP		

* MyRemote app and related functionalities varies per TV model and country, as well as smart device model and OS. For more detail, please visit: www.philips.com/TV.
* For smart TV app, visit www.philips.com/TV to discover the services offering in your country
* Cloud TV offering depends on country availability and regulations
* Compatibility depends on Wifi Miracast certification & 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 subscripction 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.