4K Ultra-Slim TV powered by Android TV™ with Ambilight 3-sided and P5 Perfect Picture Engine

• 139 cm (55")
• 4K Ultra-HD LED TV
• Quad Core, 16 GB & expandable
• DVB T/C/T2/T2-HD/S/S2

55PUS7502/12

4K Ultra Slim LED TV powered by Android TV

with Ambilight 3-sided

Big on features. Minimalistic in design. The Philips 7500 TV delivers impressive 4K Ultra-HD picture quality matched with amazing Ambilight and a built-in soundbar with woofer for a complete entertainment experience.

Benefits

Crafted Lightness
• Ambilight changes the way you look at TV forever
• Lightweight aluminium dark silver chrome stand
• Finishing touches: a TV that looks as great as it performs

Award winning performance
• Picture Perfection with Philips P5 Perfect Picture Engine
• Unleashing a full spectrum of colours beyond your imagination
• Enjoy excellent contrast, colour and sharpness with HDR Premium

Exhilarating. Limitless. Powered by Android
• Unleash the power of Quad Core and integrated Android
• Google Play store and Philips app gallery: look beyond TV

Sound never looked so good
• Visible sound articulation lets you see the beauty of sound
• Hear every detail with DTS HD Premium Sound

Features

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

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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.

Dark silver chrome stand

Our simple yet beautiful lightweight aluminium dark silver stand is sturdy and robust and it is built to last. Furthermore, with its high-quality chrome finish, you'll enjoy a premium look that fits perfectly in any setting.

Authentic materials

Your home represents your style. We chose subtle, sophisticated colours and finishes, and combined them with authentic, quality materials to create TV designs that blend seamlessly with your interior.

P5 Perfect Picture Engine

The new Philips P5 proprietary picture quality engine digitally optimises everything you view using a state-of-the-art algorithm. Thanks to the 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, for sport, movies or anything else - every time and from any source.

Premium colour

Philips Premium Color combines a wide colour gamut panel enhanced by 85% with 4-trillion-colour processing. With so much more colour resolution and brilliant saturated colours, you'll forget you're looking at a screen at all.

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.

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.

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.

High Dynamic Range Premium

High Dynamic Range Premium is a new video standard. It redefines in-home entertainment through advances in our application of contrast and colour. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the director's intent. The end result? Highlights with excellent brightness, richer contrast and colour and vivid details like you've never seen before.

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

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	139 cm
Diagonal screen size (inch)	55 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Brightness	400 cd/m²
Pixel engine	P5 Perfect Picture Engine
Picture enhancement	Micro Dimming Pro
	Ultra Resolution
	Perfect Natural Motion
Peak Luminance ratio	65 %

Android

OS	Android™ 6.0 (Marshmallow)
Pre-installed apps	Google Play Movies*
	Google Play Music*
	Google Search

data subject to change
2017, April 30

	YouTube
Memory size	16 GB
	extendable via USB storage

Smart TV Features

User Interaction	MultiRoom Client and Server
	SimplyShare
Interactive TV Programme	HbbTV
	Pause TV
	USB Recording*
SmartTV apps*	Online Video Stores
	Open Internet Browser
	Social TV
	TV on Demand
	YouTube
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 upgrade-able	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

Processing

Processing Power	Quad Core

Sound

Output power (RMS)	30 W
Sound Features	Triple ring technology
Sound Enhancement	Clear Sound
	Smart Sound
	DTS-HD Premium Sound [DTS-HD Premium Sound]

Connectivity

Number of HDMI connections	4
Number of USBs	2
Wireless connections	Dual Band
	Wi-Fi 11n 2x2 integrated
Other connections	Antenna IEC75
	Common Interface Plus (CI+)
	Ethernet-LAN RJ-45
	Digital audio out (optical)
	Headphone out
	Satellite Connector
	Audio L/R in
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 HDMI1
	Yes on HDMI2
Number of components in (YPbPr)	1

Multimedia Applications

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

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 FHD 1920 x 1080 @60 Hz
	up to 4K UHD 3840 x 2160 @30 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

Off mode power consumption	0.3 W
Mains power	AC 220 - 240 V 50/60 Hz
Ambient temperature	5°C to 35°C
EU Energy Label power	96 W
Annual energy consumption	141 kW·h
Standby power consumption	<0.3
Power Saving Features	Auto switch-off timer
	Light sensor
	Picture mute (for radio)
Energy Label Class	A
Mercury content	0 mg
Presence of lead	Yes*

Dimensions

Box depth	170 mm
Box height	890 mm
Box width	1360 mm
Set Depth	42.4 mm
Set Height	736.79 mm
Set Width	1237 mm
TV stand width distance	691.41 mm
Set depth (with stand)	225 mm
Set height (with stand)	799.26 mm
Set width (with stand)	1237 mm
VESA wall mount compatible	300 x 200 mm
Product weight	21.41 kg
Product weight (+stand)	24.24 kg
Weight incl. Packaging	29.33 kg

Accessories

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

* 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.

* 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.

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