Philips

Full HD Slim LED TV powered by Android™ with Pixel Plus HD

- 126 cm (50")
- Full HD LED TV
- Dual Core; 8GB & expandable
- DVB-T/T2/C

50PFT5500/56

Full HD Slim LED TV powered by Android

with Pixel Plus HD

Experience the power of Android: Philips 5500 series Full HD Slim LED TV with Pixel Plus HD. Super fast processing makes navigating through your TV a breeze. The refined profile means it looks as fast as it operates.

Benefits

Functional elegance

- Open stand design creates a light, floating effect
- Ultra Narrow bezel gives you more picture to love

A clear, vivid picture every time

- Micro Dimming optimizes the contrast on your TV
- Pixel Plus HD for beautiful images you'll love
- 200Hz PMR for sharp moving images

With Android your TV can do it all

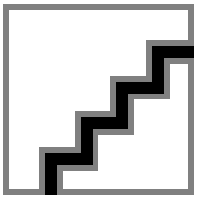
- Dual Core processing and Android OS for strong performance
- Android: for a faster, richer, more personal TV experience
- Google Play™: your window to fun
- Google Cast: unlock the full potential of your Smart TV
- Spotify Connect—share your favorite music on TV

Features

Open Stand

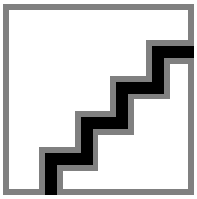
A television with modern, refined lines deserves a stand that lifts it above the ordinary. That's why the designers at Philips TV created this unique, open stand to integrate beautifully with your décor.

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.

Micro Dimming

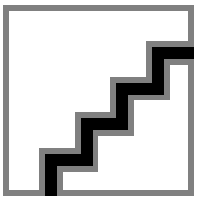


Thanks to our special software that analyzes the picture in 6400 different zones and adjusts it accordingly, you'll enjoy incredible contrast and image quality for a truly lifelike visual experience.

Pixel Plus HD

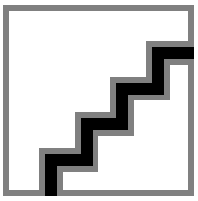
Philips Pixel Plus HD engine optimizes picture quality to deliver crisp images with beautiful contrast. So whether you stream online or watch a DVD, you'll enjoy sharper images with brighter whites and blacker blacks.

200Hz Perfect Motion Rate



Perfect Motion Rate combines Philips display technology and advanced video processing techniques to improve the quality of each picture frame. So whether you like gaming, fast paced sporting events or action films, you'll experience the ultimate in sharpness and smooth moving images.

Dual Core + Android



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. The Android robot liberates the power of our Dual Core processor to get things done with speed and ease.

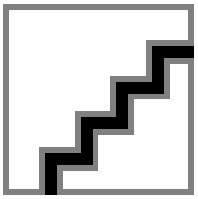
Android

With Android on your Smart TV you'll enjoy a fast processor and user-friendly interface. Its your launch control to endless content: from Google Play™, to Netflix, to an Internet Browser… and so much more. There's an easy to navigate menu with direct links to your favorites.

Google Play

Google Play™ has a rich catalogue of high quality games for all ages. Optimized for use on your TV, they look as great as they play. And there's no need to clutter up your house with yet another gaming console; with a universal USB gaming control you can navigate and play with ease.

Google Cast



Use Google Cast together with your smart device* to harness the power of your Philips Smart TV. It lets you browse web sites, content and apps, and then 'cast' them to your TV at the push of a button. Best of all, you can continue to use your smart device for other things even while the casted content is playing on your TV.

Spotify Connect

All your favorite music is stored on your phone—but wouldn't you rather hear it on your more powerful TV speakers? With Spotify Connect, you can easily play Spotify on your TV using the Spotify app on your phone as a remote. Just hit the play button and the music will switch to your TV speakers. No wires, no hassle… just sit back and relax.

Specifications

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Picture/Display

Display	LED Full HD
Diagonal screen size (metric)	126 cm
Diagonal screen size (inch)	50 inch
Panel resolution	1920x1080p
Aspect ratio	16:9
Brightness	280 cd/m²
Picture enhancement	Pixel Plus HD Micro Dimming 200Hz Perfect Motion Rate

Android

OS	Android™ 5.1 (Lollipop)
Pre-installed apps	Google Play Movies* Google Play Music* Google search Voice Search YouTube
Memory size	8GB extendable via USB storage

Smart TV Features

User Interaction	MultiRoom Client and Server SimplyShare Wi-fi Miracast Certified*

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Program	Pause TV
	USB Recording*
SmartTV apps*	Online Video Stores
	Open Internet Browser
	Social TV
	Spotify
	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
	Onscreen Usermanual
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

Sound

Output power (RMS)	20W
Sound Enhancement	Incredible Surround
	Clear Sound
	Dynamic Bass Enhancement
	Smart Sound

Connectivity

Number of HDMI connections	4
Number of compo-nent in (YPbPr)	1
Number of scarts (RGB/CVBS)	1
Number of USBs	3
Wireless connections	Dual Band
	Wi-Fi Direct
	Wi-Fi 11n 2x2 integrated
Other connections	Antenna IEC75
	Ethernet-LAN RJ-45
	Digital audio out (optical)
	Audio L/R in
	Audio in (DVI)
	Headphone out
	Service connector
HDMI features	Audio Return Channel
EasyLink (HDMI-CEC)	Remote control pass-through
	System audio control
	System standby
	One touch play

Multimedia Applications

Video Playback Formats	Containers: AVI, MKV
	H264/MPEG-4 AVC
	MPEG-1
	MPEG-2
	MPEG-4
	WMV9/VC1
	HEVC
Subtitles Formats Support	.SMI
	.SRT
	.SSA
	.SUB
	.TXT
	.ASS
Music Playback Formats	AAC
	MP3
	WAV
	WMA (v2 up to v9.2)
	WMA-PRO (v9 and v10)
Picture Playback Formats	JPEG
	BMP
	GIF
	PNG

Supported Display Resolution

Computer inputs on all HDMI	up to FHD 1920x1080@60Hz @60Hz
Video inputs on all HDMI	up to FHD 1920x1080p @ 24, 25, 30, 50, 60Hz

Tuner/Reception/Transmission

Digital TV	DVB-T/T2/C
MPEG Support	MPEG2
	MPEG4
Video Playback	NTSC
	PAL
	SECAM
TV Program guide*	8 day Electronic Program Guide
Signal strength indica-tion	Yes
Teletext	1000 page Hypertext

Power

Mains power	AC 110 - 240V 50/60 Hz
Ambient temperature	5 °C to 35 °C
Annual energy consumption	tbc kW·h
Standby power consumption	< 0.5 W
Off mode power consumption	< 0.5 W
Power Saving Features	Auto switch-off timer
	Picture mute (for radio)
	Eco mode

Dimensions

Box depth	134 mm
Box height	744 mm
Box width	1243 mm
Set Depth	64 mm
Set Height	647 mm
Set Width	1124 mm
Set depth (with stand)	249 mm
Set height (with stand)	709 mm
Set width (with stand)	1124 mm
Product weight	13 kg
Product weight (+stand)	14.4 kg
Weight incl. Pack-aging	18 kg
VESA wall mount compatible	400 x 200 mm

Accessories

Included accessories	Remote Control
	2 x AAA Batteries
	Table top stand
	Power cord
	Quick start guide
	Legal and safety brochure

* 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 subscripction 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 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 offerings vary 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.
* Compatibility depends on Wifi Miracast certification & Android 4.2 or later. For more details please refer to your device documentation.

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