

Philips 5500 series
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

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.

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

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

DualCore FullHD

PHILIPS

Full HD Slim LED TV powered by Android™
126 cm (50") Full HD LED TV, Dual Core; 8GB & expandable, DVB-T/T2/C

50PFT5500/56

Highlights

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.

PixelPlusHD MICRO DIMMING 200Hz PERFECT MOTION RATE Google play Spotify DVB T2

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Specifications

Picture/Display
- Display: LED Full HD
- Diagonal screen size: 50 inch / 126 cm
- 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*
- 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 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

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

Connectivity
- Number of HDMI connections: 4
- Number of component 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 indication
- 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

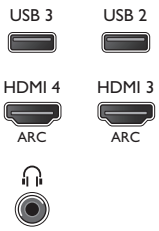
Dimensions
- Box dimensions (W x H x D): 1243 x 744 x 134 mm
- Set dimensions (W x H x D): 1124 x 647 x 64 mm
- Set dimensions with stand (W x H x D): 1124 x 709 x 249 mm
- Product weight: 13 kg
- Product weight (+stand): 14.4 kg
- Weight incl. Packaging: 18 kg
- VESA wall mount compatible: 400 x 200 mm

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

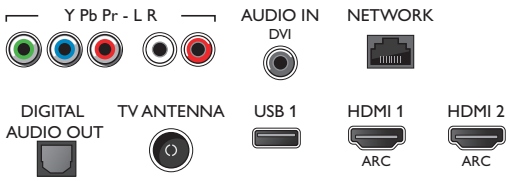


Connections

Side



Rear



* 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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