

Philips 6800 series
4K Ultra Slim TV powered by Android TV™ with Pixel Plus Ultra HD

139 cm (55")
4K Ultra HD LED TV
DVB-T/T2



55PUT6801

4K Ultra Slim LED TV powered by Android TV

Design meets performance with the Philips 6800 Series. Sitting on minimalist stand elements, your picture comes to life in 4K Ultra HD and Pixel Plus Ultra HD picture quality. With Android TV your entertainment options are virtually endless

Passionate about Picture Quality

- 4K Ultra HD is unlike any resolution you've ever seen before
- Micro Dimming Pro for incredible contrast
- Discover Ultra HD Picture Quality with Pixel Plus Ultra HD
- The new integrated HEVC standard to enjoy high quality 4k
- Experience better contrast, color & sharpness with HDR Plus

Exhilarating. Limitless. Powered by Android

- Google Play™: your window to fun
- Cloud Gaming: high quality games for all ages
- Unleash the power of Quad Core and integrated Android

PHILIPS

Highlights

4K Ultra HD
Ultra HD TV has four times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution Upscaling technology, you'll experience improved images regardless of the original content. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion, and flawless details.

Cloud Gaming
Cloud Gaming offers a vast online catalogue of high quality games for every age, taste and gaming level. Simply pick a game and play on your TV!

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.

High Dynamic Range Plus
High Dynamic Range Plus is a new video standard. It redefines in-home entertainment through advances in contrast and color. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the content creator's intent. The end result? Brighter highlights, greater contrast, a broader range of colors and detail like never before.

HEVC support for 4k broadcast
The new integrated HEVC standard allow you to enjoy high picture quality 4k resolution broadcast.

Micro Dimming Pro
Micro Dimming Pro optimizes the contrast on your TV based on the lighting conditions of your room. Combined with its special software that analyzes the picture in 6400 different zones, you'll enjoy incredible contrast and image quality for a truly lifelike visual experience – day or night.

Pixel Plus Ultra HD
Experience 4K Ultra HD sharpness with the Philips Pixel Plus Ultra HD engine. It optimizes picture quality to deliver smooth, fluid images with incredible detail and depth – Enjoy sharper 4K images with brighter whites and blacker blacks every time.

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.

PixelPlus ULTRA HD · MICRO DIMMING PRO · 1000 PICTURE PERFORMANCE INDEX · Cloud GAMING · QuadCore · Google play · HDR PLUS

4K Ultra Slim TV powered by Android TV™
139 cm (55") 4K Ultra HD LED TV, DVB-T/T2

55PUT6801/98

Specifications

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Brightness: 300 cd/m²
- Picture enhancement: Micro Dimming Pro, Ultra Resolution, Natural Motion, Pixel Plus Ultra HD

Sound
- Output power (RMS): 20W (2 x 10W)
- Sound Enhancement: Clear Sound, Incredible Surround, DTS Premium Sound, Smart Sound

Connectivity
- Number of HDMI connections: 4
- Number of component in (YPbPr): 1
- Number of USBs: 3
- Wireless connections: Dual Band, Wi-Fi 11n 2x2 integrated
- Other connections: Antenna IEC75, Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Headphone out, Audio in (DVI)
- HDMI features: Audio Return Channel, 4K
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on HDMI1, Yes on HDMI2

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

Supported Display Resolution
- Computer inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Computer inputs on HDMI3/4: up to 4K UHD 3840x2160 @30Hz, up to FHD 1920x1080 @60Hz
- Video inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Video inputs on HDMI3/4: up to 4K UHD 3840x2160 @30Hz, up to FHD 1920x1080 @60Hz

Tuner/Reception/Transmission
- Digital TV: DVB-T/T2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- HEVC support
- Signal strength indication
- Teletext: 1000 page Hypertext
- TV Program guide*: 8 day Electronic Program Guide

Power
- Mains power: AC 110 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: < 0.5 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)
- Off mode power consumption: <0.5 W

Dimensions
- Box dimensions (W x H x D): 1335 x 828 x 181 mm
- Set dimensions (W x H x D): 1239 x 711 x 91 mm
- Set dimensions with stand (W x H x D): 1239 x 777 x 259 mm
- Product weight: 14.8 kg
- Product weight (+stand): 15.1 kg
- Weight incl. Packaging: 19.2 kg
- Compatible wall mount: 400 x 200mm
- VESA wall mount compatible: 400 x 200 mm

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

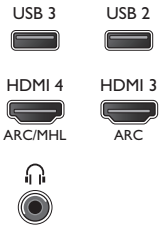
Processing
- Processing Power: Quad Core

Smart TV Features
- 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
- Interactive TV: HbbTV
- Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Program: Pause TV, USB Recording*
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to Screen, Zoom, Stretch
- SmartTV apps*: Online Video Stores, Open Internet Browser, Social TV, TV on Demand, Youtube
- User Interaction: MultiRoom Client and Server, SimplyShare

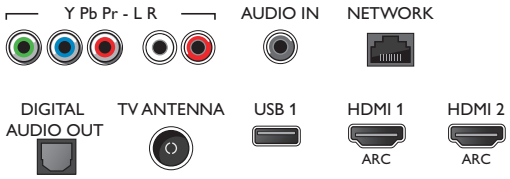
Android
- Memory size: 8GB, extendable via USB storage
- OS: Android™ 5.1 (Lollipop)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google search, YouTube

Connections

Side



Rear





* EPG and actual visibility (up to 8 days) is country and operator dependent.
* 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.
* Please be informed that your Netflix HDR function in your TV currently can be supported via HDMI and USB only. The Netflix HDR broadcast via your Internet/DLNA will be fully available via IP software push.

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