



Philips 6800 series
4K Ultra Slim TV powered
by Android TV™

123 cm (49")
4K Ultra HD LED TV
DVB-T/T2



49PUT6801

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 the best possible picture quality. The higher the quality of your original content, the better images and resolution you will be able to experience. 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



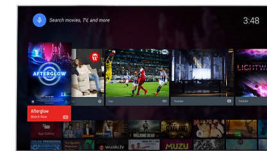
Micro Dimming Pro optimizes the contrast on your TV based on the lighting conditions of

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.

Specifications

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 49 inch
- Diagonal screen size (metric): 123 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840x2160
- Brightness: 300 cd/m²
- Picture enhancement: Natural Motion, Micro Dimming Pro, Ultra Resolution, Pixel Plus Ultra HD

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
- Video Playback: NTSC, PAL, SECAM
- MPEG Support: MPEG2, MPEG4
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Android TV

- OS: Android™ 5.1 (Lollipop)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube
- Memory size(Flash): 8GB, extendable via USB storage
- Memory size to install apps: 4GB

Smart TV Features

- User Interaction: MultiRoom client and server, SimplyShare
- Interactive TV: HbbTV
- Program: Pause TV, USB recording*
- SmartTV apps*: Youtube, Online video stores, Open internet browser, Social TV, TV on demand
- 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: Advance - Shift, Basic - Fill Screen, Fit to screen, Zoom, stretch
- Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand

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, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitles Formats Support: .SML, .SRT, .SUB, .TXT
- Picture Playback Formats: JPEG

Processing

- Processing Power: Quad Core

Sound

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

Connectivity

- Number of HDMI connections: 4
- HDMI features: 4K, Audio Return Channel
- Number of component in (YPbPr): 1
- EasyLink (HDMI-CEC): One touch play, Remote control pass-through, System audio control, System standby
- Number of USBs: 3
- Wireless connection: Dual Band, Wi-Fi 802.11n 2x2 integrated
- Other connections: Antenna IEC75, Headphone out, Audio L/R in, Digital audio out (optical), Ethernet-LAN RJ-45, Audio in (DVI)
- HDCP 2.2: Yes on HDMI1, Yes on HDMI2

Power

- Mains power: AC 110 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: $\leq 0.5\text{ W}$
- Power Saving Features: Auto switch-off timer,

- Light sensor, Picture mute (for radio)

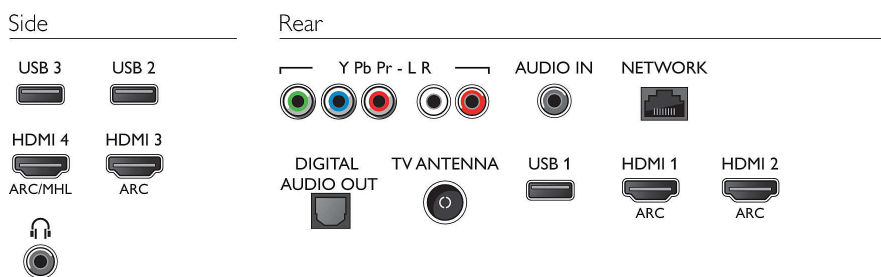
Accessories

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

Dimensions

- Set Width: 1099 mm
- Set Height: 646 mm
- Set Depth: 89 mm
- Product weight: 10.78 kg
- Set width (with stand): 1099 mm
- Set height (with stand): 697 mm
- Set depth (with stand): 259 mm
- Product weight (+stand): 11.1 kg
- Box width: 1207 mm
- Box height: 758 mm
- Box depth: 165 mm
- Compatible wall mount: 400 x 200mm
- Weight incl. Packaging: 14.7 kg
- Wall mount compatible: 400 x 200 mm

Connections



Issue date 2023-10-18

Version: 9.0.2

EAN: 87 18863 00970 3

© 2023 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com



* 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 subscription 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.