

Philips
Eco Smart LED TV

117 cm (46")

Full HD 1080p
DVB-T2/C

46PFL6806T



Designed with the future in mind

Energy class A++

Awarded as the European Green TV 2011-2012 by EISA, the Philips Econova 46PFL6806 ECO Smart LED TV has clear, vivid Full HD pictures and authentic sound. With Smart TV, you can easily surf the Internet and download movies.

Greener every day

- Zero watt power switch
- 2-in-1 stand for easy use on a table and a wall mount
- Solar rechargeable remote control means never replacing batteries
- Energy Class A++
- 100% recyclable packaging for the lowest environmental impact

Your entertainment in brilliant detail

- Full HD TV with Pixel Plus HD for better details and clarity
- Brilliant LED images with incredible contrast
- 400 Hz Perfect Motion Rate (PMR) for superb motion sharpness

Enjoy the online world with Smart TV

- A wealth of online apps, videos to rent and catch-up TV
- Control the TV with your smart phone, tablet or keyboard
- With SimplyShare, enjoy photos, music and films on your TV
- Find, schedule, record* and pause TV

PHILIPS

Highlights

Pixel Plus HD

Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colours and smooth natural motion. Artefacts and noise in any sources, from multimedia to standard definition TV, and also in highly compressed HD are detected and reduced, ensuring that the picture is clear and razor-sharp.

Full HD LED TV



The most advanced LED lighting technology in this Full HD LED TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlights you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colours.

400 Hz Perfect Motion Rate



400 Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate,

HD Natural Motion and unique processing formula, for unprecedented motion sharpness.

Net TV online apps



Rent films directly on your TV from online video shops, watch catch-up TV from your favourite channels and enjoy a rich selection of online apps with Net TV. You can also browse the open Internet.

SimplyShare TV



Share photos, music and films through SimplyShare from your smart phone, tablet or computer and enjoy them on the big screen.

Stay in Control



Control your TV in the easiest and most convenient way. Just connect a wireless keyboard or use your smart phone or tablet to control your Smart TV.

Programme



Record live digital TV on a USB connected to your Philips TV or pause content whenever you want to take a break and continue watching whenever you want. Use the Electronic Programme Guide to find your favourite programmes and easily schedule your preferred recordings. Now you can programme your TV viewing around your life.

Zero Watt power switch

Zero power consumption at a flick of the 0 Watt hard switch

2-in-1 stand



This TV comes with a revolutionary tabletop stand that can also be used to wall-mount your television. There is no need to buy additional wall-mount brackets. The environment benefits even more because an unnecessary source of waste is eliminated as you do not need to discard any parts.



Specifications

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 46 inch
- Diagonal screen size (metric): 117 cm
- Display: edge LED backlight
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel Plus HD, HD Natural Motion, Active Control + Light sensor, Super Resolution, 400 Hz Perfect Motion Rate
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Peak Luminance ratio: 65 %

Supported Display Resolution

- Computer inputs: up to 1920 x 1080 @ 60 Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920 x 1080p

Tuner/Reception/Transmission

- Digital TV: DVB-C MPEG2*, DVB-C MPEG4*, DVB-T MPEG2*, DVB-T MPEG4*, DVB-T2, Freeview HD
- Video Playback: NTSC, PAL, SECAM

Smart TV Applications

- Control: MyRemote app (iOS & Android), USB Keyboard and Mouse support
- Net TV: Catch-up TV, Online Video shops, Open Internet browser, Online apps
- SimplyShare: DLNA media browser, USB media browser
- Programme: Pause TV, USB recording

Multimedia Applications

- Video Playback Formats: Codec support:, Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG
- Net TV: Included

Convenience

- Ease of Installation: Auto detect Philips devices, Channel installation wizard, Device connection wizard, Network installation wizard, Settings assistant wizard, 2-in-1 Wallmount Stand
- Ease of Use: One-stop Home button, On-screen User manual, Touch control buttons
- PC network link: DLNA 1.5 certified
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Electronic Programme Guide: 8-day Electronic Programme Guide*
- Signal strength indication
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade

Sound

- Output power (RMS): 28 W (2 x 14 W)
- Sound Enhancement: Ambi-wOOx, Auto Volume Leveller, Clear Sound, Incredible Surround, Treble and Bass Control

Connectivity

- Number of HDMI connections: 3
- HDMI features: Audio Return Channel
- Number of components in (YPbPr): 1
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug and play add to Homescreen, Auto subtitle shift (Philips), Pixel Plus link (Philips), One touch play
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 1
- Wireless connection: Wireless LAN ready
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, SD card slot (Videostore), Digital audio out (optical), PC-in VGA + Audio L/R in, Headphone out, Service

connector

Power

- Mains power: 220-240 V ~ ;50-60 Hz
- Ambient temperature: 5°C to 40°C
- Standby power consumption: < 0.15 W
- Energy Label Class: A++
- EU Energy Label power: 45.5 W
- Power Saving Features: 0 Watt Power-off switch, Auto switch-off timer, Eco mode, Eco settings menu, Light sensor, Picture mute (for radio)
- Off mode power consumption: < 0.01
- Annual energy consumption: 63.1 kWh
- Presence of lead: Yes*

Sustainability

- Packaging: 100% paper monomaterials, Full cardboard cushions, Minimised dimensions
- User manual: 28-language E-user manual, Integrated E- user manual, No paper user manual
- Energy Efficiency: Ambient light sensor, Energy saving options, Lowest power in the Ultra-thin TV category, Solar rechargeable Remote Control, Low power LED display, 60% less power vs. LCD/CCFL
- Material: 2-in-1 Stand avoids waste, Minimal component Architecture, Minimal industrial metal waste, Minimised internal cable
- Recycling and disposal: Designed for disassembly, Highest % recyclable content, packaging materials 100% paper
- Removal of hazardous substances: Full Halogen and PVC-free design

Accessories

- Included accessories: Power cord, Solar powered remote control, Quick start guide, Legal and safety brochure, Warranty Leaflet, Charging cable USB A & Micro-B
- Optional accessories: Wireless USB adapter (PTA01), Philips Wall Mount SQM 6375, Philips

Specifications

Wall Mount SQM 6485

Dimensions

- Set Width: 1081 mm
- Set Height: 653 mm
- Set Depth: 39.9 mm
- Product weight: 16.4 kg
- Set width (with stand): 1081 mm
- Set height (with stand): 705 mm
- Set depth (with stand): 265 mm
- Product weight (+stand): 20 kg
- Box width: 1324 mm
- Box height: 773 mm
- Box depth: 198 mm
- Compatible wall mount: 400 x 400 mm



Issue date 2023-08-21

Version: 8.0.6

EAN: 87 12581 62391 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

* Net TV: Visit www.philips.com/smarttv to discover the services available in your country.
* 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.
* 8 days EPG, service not available in all countries
* 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.
* 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.