



Philips 5000 series
LED TV with Pixel Plus HD

117 cm (46")

Full HD 1080p digital TV



46PFL5605H

Entertainment comes to life

with brilliant LED picture performance

Great LCD picture quality on an ultra-thin 117 cm (46") screen - the Philips 5000 Series 46PFL5605 LED TV. Live the moment as if you were there with Pixel Plus HD and an impressive invisible sound.

High definition giving you brilliant detail

- Full HD TV with Pixel Plus HD for better details and clarity
- Brilliant LED images with low power consumption
- 100 Hz LCD, 2 ms performance for superb motion sharpness
- HD Natural Motion for ultra-smooth motion in Full HD movies

Rich and clear sound.

- 2.1 system 40 W surround sound (2 x 10 W RMS, virtual 20 W)*
- Hear every word with Clear Sound

Complete digital connectivity made simple

- Seamless connectivity with 3 HDMI inputs and Easylink
- USB for fantastic multimedia playback
- Integrated MPEG-4 tuner for HD reception without set top box

Greener every day

- LED TVs up to 40% more energy efficient than normal LCD TVs
- 0 W Power Consumption when switched off



PHILIPS
sense and simplicity

Highlights

Pixel Plus HD

Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colours and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Artifacts and noise in all 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.

LED



LED lighting technology is the most advanced available. In this TV it combines an eye-catching minimalistic design with stunning image quality, as well as having the lowest power consumption in its category. Another environmental benefit is that LED lighting technology does not contain hazardous materials. With an LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colours.

100 Hz LCD, 2 ms response time

100 Hz LCD creates extreme motion sharpness. The Double Frame Rate Insertion increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 2 milliseconds. Now you can enjoy clear images even with fast on-screen motion.

HD Natural Motion



Philips invented HD Natural Motion to minimise juddering effects that are visible with movie-based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

2.1 sound system 40 W*



Virtual 2.1 speaker system for an incredible 40 W sound (2 x 10 W + 20 W Virtual Power*).

*This virtual 2.1 speaker system manages power intelligently to deliver twice the original power supplied and produces an excellent bass. Enjoy the purity and detailed sound with the additional dome tweeter which delivers uncompromised sound in a slim invisible speaker design.

USB (multimedia)



The USB connector allows access to jpeg photos, MP3 music and video files on most USB sticks (USB memory-class device). Plug the USB into the slot on the side of the TV and access the multimedia content using the easy on-screen content browser. You can now view and share your videos, photos and music.

Integrated DVB tuner MPEG-4

The integrated digital tuner lets you receive digital cable and terrestrial TV without an additional set top box. Enjoy quality TV clutter free.



Matching home theatre experience

Take your home cinema experience to the next level with the Philips SoundHub home theatre 5000 series. Bring every detail to life, and experience fully immersive, crystal clear surround sound. Enquire more about this unique combination today at www.philips.com

Energy Class B

EU Energy Label

For many years Philips has pro-actively been working on the reduction of both on-mode and standby power consumption of its televisions and as a result most Philips televisions have achieved green EU energy labels in 2010. The greener the label, the lower the on-mode power consumption and the lower your energy bill and friendlier to the environment.

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 46 inch / 117 cm
- Display: LCD Full HD, direct LED backlight
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel Plus HD, Active Control + Light sensor, Colour Enhancement, 100 Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, MPEG artefact reduction, 2D/3D noise reduction, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing, HD Natural Motion, LED backlight Display
- Screen enhancement: Anti-Reflection coated screen
- Peak Luminance ratio: 65 %
- Colour cabinet: High gloss black deco front with black cabinet

Supported Display Resolution

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

Sound

- Output power (RMS): 40 W virtual, Invisible Sound
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Treble and Bass Control, Clear Sound
- Sound System: Mono, Nicam Stereo, Stereo

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Connection Enhancement: Easy link
- Ease of Installation: Channel installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, Auto Programme Naming, Autoinstall, Programme Name, Sorting
- Ease of Use: Smart Picture, Smart Sound, On-screen User manual, EasyLink, Favourite programme selection, Mozaic channel grid, One-stop experience button, One-stop Home button
- Electronic Programme Guide: Now + Next EPG*

- Screen Format Adjustments: Auto Format, Super Zoom, Movie expand 16:9, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: USB autobreak-in, USB media browser

Multimedia Applications

- Multimedia connections: USB memory class device
- Picture Playback Formats: JPEG
- Music Playback Formats: MP3
- Video Playback Formats: Codec support:., H264/ MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- Digital TV: DVB Terrestrial*, DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2: YPbPr in, Audio L/R in
- VGA-in: PC input, D-sub 15
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- Front/Side connections: HDMI v1.3, USB
- Other connections: Headphone out, Common Interface Plus (CI+)
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel Plus link (Philips), Remote control pass-through, System audio control, System standby
- Audio Output - Digital: Coaxial (cinch)
- Summary: 3 x HDMI, 1 x USB, 1 x SCART

Power

- Green label: ECO label certified
- Ambient temperature: 5°C to 35°C
- Mains power: 220-240 V ~ ;50-60 Hz
- Power consumption (typical): 109 W
- Standby power consumption: < 0.15 W
- Off mode power consumption: < 0.01 W
- Annual energy consumption: 159.14 kWh
- Presence of lead: Yes*
- Power Saving Features: 0 Watt Power-off switch,

Light sensor, Eco mode

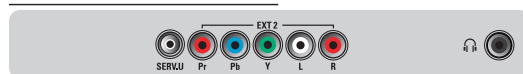
Dimensions

- Set dimensions (W x H x D): 1122 x 685 x 87 mm
- Set dimensions with stand (W x H x D): 1122 x 731 x 268 mm
- Weight incl. Packaging: 26.4 kg
- Product weight: 17.9 kg
- Product weight (+stand): 21.3 kg
- Box dimensions (W x H x D): 1349 x 773 x 198 mm
- VESA wall mount compatible: 300 x 300 mm

Accessories

- Included accessories: Tabletop swivel stand, Quick start guide, Registration card, Warranty Leaflet, Remote Control, 2 x AAA Batteries, Safety/legal instructions, Software declaration

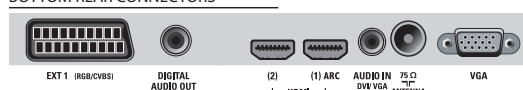
REAR CONNECTORS



SIDE CONNECTORS



BOTTOM REAR CONNECTORS



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www.philips.com

* 8 days EPG, service not available in all countries

* 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.

* Typical on-mode power consumption measured according to IEC62087 Ed 2.

* Annual energy consumption is calculated using the typical power consumption of 4 hours per day, 365 days per year.

* 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.