



Philips
LED TV

102 cm (40")

Full HD 1080p
digital TV

40PFL5605H



Entertainment comes to life

with brilliant LED picture performance

Great LCD picture quality on an ultra-thin 102 cm (40") screen - the Philips 5000 Series 102 cm (40") 40PFL5605 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

Greener every day

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

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 Digital DVB-C/T Tuner for digital cable reception

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.

LED



The most advanced LED lighting technology in this 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 backlight you can enjoy low power consumption, high brightness, incredible contrast, 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.

Zero watt power consumption

Enjoy savings on your electricity bill by using the built-in power switch on this TV. This leads

to no power consumption, without having to unplug the power cord from the wall.

Integrated DVB-C/T Tuner

The integrated Digital DVB-C/T tuner lets you receive digital cable and terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

Energy efficient LED

Using the latest LED backlight technology, LED-backlit TVs are a more sustainable choice, with a longer life and far lower energy consumption than plasmas and conventional LCD TVs. Unlike CCFL backlights, LEDs do not use mercury in their manufacture. In addition, Philips TV designs have constantly improved, resulting in higher material efficiency and reduced energy usage without compromising on safety and well-being.

3 HDMI inputs with Easylink



HDMI is a single cable to carry both picture and audio signals from your devices to your TV, avoiding cable clutter. It carries uncompressed signals, ensuring the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system.

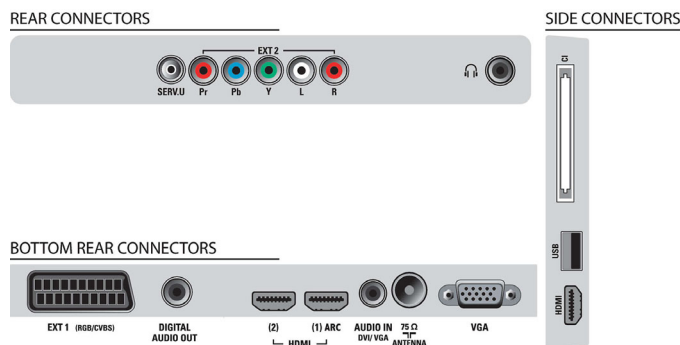
Specifications

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 40 inch
- Diagonal screen size (metric): 102 cm
- Colour cabinet: High gloss black deco front with black cabinet
- Display: LCD Full HD, direct LED backlight
- Panel resolution: 1920 x 1080p
- Brightness: 450 cd/m²

- 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
- Display screen type: LCD Full HD W-UXGA Act.

- matrix
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H)/176° (V)
- Peak Luminance ratio: 65 %
- Screen enhancement: Anti-Reflection coated screen



Specifications

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

Tuner/Reception/Transmission

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

Multimedia Applications

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

Convenience

- Child Protection: Child Lock+Parental Control
- 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
- Clock: Sleep Timer
- Connection Enhancement: Easy link
- Screen Format Adjustments: Auto Format, Super Zoom, Movie expand 16:9, Widescreen, unscaled (1080p dot by dot)
- Multimedia: USB autobreak-in, USB media browser
- Electronic Programme Guide: Now + Next EPG*
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB

Sound

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

Connectivity

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

Power

- Mains power: 220 V ~ 240 V, 50 Hz
- Ambient temperature: 5°C to 35°C
- Green label: ECO label certified
- Standby power consumption: < 0.15 W
- Power consumption (typical): 84 W
- Power Saving Features: 0 Watt Power-off switch, Light sensor, Eco mode
- Off mode power consumption: < 0.01
- Annual energy consumption: 122.64 kWh
- Presence of lead: Yes*

Accessories

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

Dimensions

- Set Width: 977 mm
- Set Height: 605 mm
- Set Depth: 86 mm
- Product weight: 13.7 kg
- Set width (with stand): 977 mm
- Set height (with stand): 649 mm
- Set depth (with stand): 236 mm
- Product weight (+stand): 16.1 kg
- Box width: 1149 mm
- Box height: 689.5 mm
- Box depth: 197 mm
- Weight incl. Packaging: 19.2 kg
- Wall-mount compatible: 200 x 200 mm



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EAN: 87 12581 52616 0

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* 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.

* 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.