



Philips
LCD TV

107 cm (42")

Full HD 1080p
digital TV

42PFL5405H



Entertainment comes to life

With true to life FHD picture performance

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
- 100 Hz LCD, 2 ms performance for superb motion sharpness
- HD Natural Motion for ultra-smooth motion in Full HD movies

Greener every day

- 0 W Power Consumption when switched off

Rich and clear sound.

- 2.1 system 40 W surround sound (2 x 10 W RMS plus 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
- PC-input allows you to use your TV as a PC monitor
- Integrated Digital DVB-C/T Tuner for digital cable reception

PHILIPS

LCD TV
107 cm (42") Full HD 1080p, digital TV

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.

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 RMS + 20 W Virtual Power*). *This virtual 2.1 speaker system manages power intelligently to deliver twice the original power supplied and produces 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.

PC input (VGA)

With PC input you can connect your TV to a computer using a VGA cable and use the TV as a PC monitor.

Zero watt power consumption

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

42PFL5405H/05

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.

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.

Clear Sound



Clear Sound is an innovative audio technology that significantly increases the comprehensibility of the voice, whether spoken or sung. It ensures you hear every word, so you can enjoy what you're watching to the fullest.

Specifications

Picture/Display

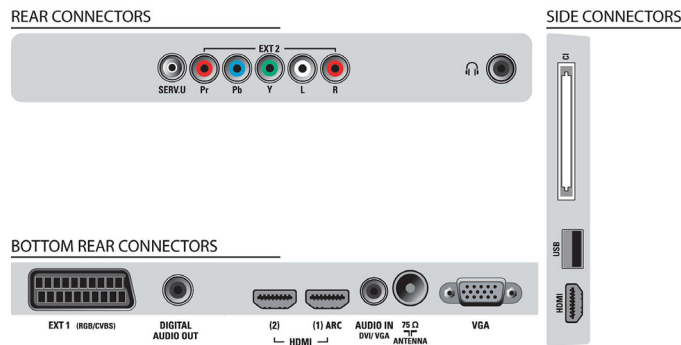
- Aspect ratio: Widescreen
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: High gloss black deco front black cabinet
- Panel resolution: 1920 x 1080p
- Brightness: 500 cd/m²
- Picture enhancement: Pixel Plus HD, Active

- Control + Light sensor, Colour Enhancement, 100 Hz Clear LCD, Contrast Plus, Digital Noise Reduction, Dynamic contrast enhancement, Jagged Line Suppression, Luminance Transient Improver, Progressive scan, 2D/3D noise reduction, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Display screen type: LCD Full HD W-UXGA Act. matrix

- Dynamic screen contrast: 100,000:1
- Response time (typical): 2 ms
- Viewing angle: 178° (H)/178° (V)
- Peak Luminance ratio: 65 %
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600,



Specifications

60 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 60 Hz, 1920 x 1080, 60 Hz

- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 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 MPEG2*, DVB-T MPEG4*, DVB-C MPEG4*
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

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

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Channel installation wizard, Settings assistant wizard, Device connection wizard, Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Fine Tuning, PLL Digital Tuning
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control, Demo mode, On-screen User manual, EasyLink, Favourite programme selection, Mozaic channel grid, Simplified Remote Control
- Multimedia: USB autobreak-in, USB media browser
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote Control: TV
- Remote control type: PF01E10B
- Teletext: 1000-page Smart Text
- Firmware upgradeable: Firmware upgradeable via USB
- Automatic Screen Format: Autofill (no black bars), Autozoom (no distortion), Dynamic black bar detection, includes:, 16:9, Widescreen, Superzoom, WSS/AFD format bit detection, Viewport link, Logo suppression, Dynamic subtitle shift, Format selection per input, PC signal mode
- Smart mode: Personal, Vivid, Cinema, Game, Energy saving, Standard

Sound

- Output power (RMS): 40 W virtual, Invisible Sound
- Sound System: Dolby Digital (AC-3), Nicam Stereo
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound

Connectivity

- Audio Output - Digital: Coaxial (cinch)
- Number of Scarts: 1
- 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, Common Interface Slot (CI-CI+)
- 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, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface
- Ext 3: YPbPr, Audio L/R in
- Summary: 3 x HDMI, 1 x USB, 1 x SCART
- HDMI Side: HDMI v1.3

Power

- Mains power: 220-240 V, 50-60 Hz
- Ambient temperature: 5°C to 35°C
- Green label: ECO label certified
- Standby power consumption: 0.15 W
- Power consumption (typical): 98.2 W
- Annual energy consumption: 143.372 kWh
- Presence of lead: Yes*
- Mercury content: 72 mg

Accessories

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

Dimensions

- Set Width: 1034 mm
- Set Height: 644 mm
- Set Depth: 83 mm
- Product weight: 11.38 kg
- Set width (with stand): 1034 mm
- Set height (with stand): 692 mm
- Set depth (with stand): 270 mm
- Product weight (+stand): 13.38 kg
- Box width: 1210 mm
- Box height: 703 mm
- Box depth: 158 mm
- Weight incl. Packaging: 16.44 kg
- Compatible wall mount: adjustable 200 x 300 mm



Issue date 2023-08-21

Version: 14.3.8

EAN: 87 12581 52604 7

© 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

* 8 days EPG, service not available in all countries

* DVB-T, supported in selected countries only

* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.

* 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.