

Philips
LCD TV with Pixel Plus
HD

94 cm (37")
Full HD 1080p
digital TV

37PFL5604H



Brilliant design, powerful performance.

With superb picture and sound

Experience brilliant performance with a full HD 1080p display. Combined with a powerful Pixel Plus HD Engine and fantastic invisible sound, this Flat TV will never let you down.

Vivid and razor sharp pictures

- Pixel Plus HD for better details, depth and clarity
- Full HD LCD display, with a 1920 x 1080p resolution
- 28.9 billion colours for brilliant natural images
- Dynamic contrast 50000:1 for incredible rich black details

Pure and lifelike sound

- 2 x 10 W RMS audio power
- Invisible speakers with incredible surround

Easy to connect and enjoy

- USB for fantastic multimedia playback
- 3 HDMI inputs with Easylink for a full HD connection
- PC-input allows you to use your TV as a PC monitor

Ready for digital

- MPEG4 HDTV reception via DVB-T and DVB-C tuner with CI+*



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PHILIPS

Highlights

Pixel Plus HD

Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural and real. This results in superb lifelike pictures with incredible details and depth from any HD source.

Full HD LCD display 1920 x 1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

28.9 billion colours

Vibrant and natural images from the most advanced colour processing. The 3 colour channels (RGB) are optimised for a total

processing power of 28.9 billion colours. The advanced algorithms detect even the subtlest shades and skin tones, creating the best colour possible.

Dynamic contrast ratio 50000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

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.

Invisible speakers

An invisible sound system that blends perfectly with the design of the cabinet. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

MPEG4 DVB-T/C tuner with CI+*

HDTV allows you to watch TV with the best possible picture and sound quality, without an additional set-top box. Thanks to the built-in tuner that supports DVB-Terrestrial and DVB-Cable signals for both MPEG-2 and MPEG-4 formats, you receive high definition TV programmes in exceptional quality. Moreover, with Common Interface Plus (CI+) you benefit from premium high definition content direct to your TV.



EU Eco Label

The Philips eco-design process aims to create products that are increasingly eco-friendly. Our efforts have been

recognised and Philips has been awarded the EU Eco Label (Eco flower) for the majority of its models because of their high energy efficiency, ultra low standby powers (up to 50% less than the required EU Eco Label level), absence of hazardous substances (e.g. lead) and design for easier recycling.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Response time (typical): 5 ms
- Viewing angle: 178° (H)/178° (V)
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Colour Enhancement, Colour Transient Improvement, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver
- Screen enhancement: Anti-Reflection coated screen
- Colour cabinet: High gloss black deco front with black cabinet

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 1024	60 Hz
1360 x 768	60 Hz
1600 x 1200	60 Hz
1920 x 1080	60 Hz

• Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24, 50, 60 Hz
1080p	24, 25, 30 Hz

Sound

- Output power (RMS): 2 x 10 W
- Sound Enhancement: Incredible Surround, Treble and Bass Control
- Sound System: Nicam Stereo

Convenience

- Child Protection: Child Lock+Parental Control

- Clock: Sleep Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Programme List, Settings assistant Wizard, One-stop Home button, Favourite programme selection
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote Control: TV
- Remote control type: RCPF02E09B
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen
- Teletext: 1000-page Smart Text
- Smart mode: Game, Cinema, Personal, Standard, Vivid

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, LPCM, JPEG Still pictures, MPEG1, MPEG2, H.264/MPEG-4 AVC

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-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- Front/Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphones Out, USB 2.0
- Other connections: Audio constant level out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface Plus (CI+), Common Interface
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), Remote control pass-through, System audio control, System standby

Power

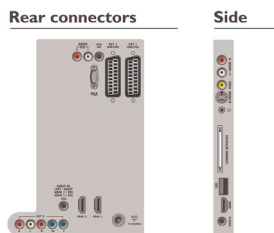
- Ambient temperature: 5°C to 35°C
- Mains power: 220–240 V, 50 Hz
- Power consumption (typical): 113 W
- Standby power consumption: 0.15 W

Dimensions

- Set dimensions (W x H x D): 927.5 x 587.4 x 99.6 mm
- Set dimensions with stand (W x H x D): 927.5 x 634 x 270 mm
- Weight incl. Packaging: 20.7 kg
- Product weight: 13.5 kg
- Product weight (+stand): 16.7 kg
- Box dimensions (W x H x D): 1139 x 672 x 265 mm
- VESA wall mount compatible: 200 x 200 mm

Accessories

- Included accessories: Tabletop swivel stand, Power cord, Quick start guide, Warranty certificate, Remote Control, 2 x AAA Batteries



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* 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.