



Philips
LCD TV with Pixel Plus
HD

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

42PFL5604D



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 1920x1080p resolution
- HD Natural Motion for ultra smooth motion in Full HD movies
- Dynamic contrast 50000:1 for incredible rich black details

Pure and lifelike sound

- 2.1 channel surround with subwoofer for deep bass
- 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

- Integrated tuner for digital reception without set top box

PHILIPS

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

42PFL5604D/78

Highlights

Pixel Plus HD



Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural, and real. The result means superbly life-like pictures with incredible details and depth from any HD source.

Full HD LCD display 1920x1080p



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 like 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 colors.

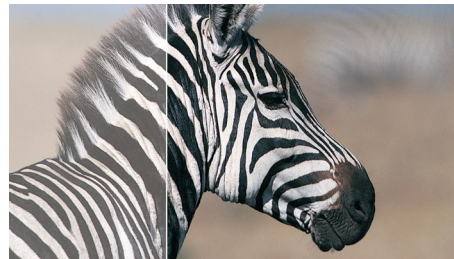
HD Natural Motion



Philips invented HD Natural Motion to minimize 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.

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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

USB (multimedia)



The USB connector allows access to jpeg photos, mp3 music and video files of most USB-sticks (USB memory-class device). Plug the USB into the slot at 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.

3 HDMI inputs with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality

between connected devices and the TV. With Easylink only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 2 HDMI inputs on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.

PC input (HDMI and VGA)

With PC input you can use your TV as a PC monitor either using a HDMI-DVI cable/ converter (for digital signals) or VGA cable (for analog signals).

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.

Integrated DTV Tuner

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



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Dynamic screen contrast: 50000:1
- Response time (typical): 5 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 42 inch / 106 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Enhancement, Jagged Line Suppression, Luminance Transient Improver, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, HD Natural Motion
- Screen enhancement: Semi-glare

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
720 x 400	70Hz
800 x 600	60, 72, 75, 85Hz
1024 x 768	60, 70, 75, 85Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz

Video formats

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

Sound

- Output power (RMS): 20W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound, Subwoofer, Treble and Bass Control
- Sound System: Mono, Stereo, SAP

Loudspeakers

- Built-in speakers: 3

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: On main display, Sleep Timer
- Ease of Installation: Autostore, PLL Digital Tuning, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Channel list, Graphical User Interface, On Screen Display, Settings assistant Wizard, Side Control, Closed Captioning Full Text, EasyLink, One-stop Home button, Favorite program selection
- Electronic Program Guide: Now + Next EPG
- On-Screen Display languages: English, Portuguese, Spanish
- Remote Control: TV
- Remote control type: PF04L09B
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen
- Signal strength indication
- Firmware upgradeable: Firmware upgradeable via USB
- Multimedia: USB media browser
- Smart mode: Game, Movie, Cinema, Personal, Energy saving, Sports, Standard

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, AC3, JPEG Still pictures, MPEG4, H.264/MPEG-4 AVC
- Playback enhancement: Picture slideshow

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: NTSC M, PAL N, PAL M, DTV
- Video Playback: NTSC, SECAM, PAL (all versions)
- Number of Preset Channels: 125

Connectivity

- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone Out, USB
- Other connections: PC-in VGA + Audio L/R in, S/PDIF out (coaxial)
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), EasyLink, Remote control pass-through, System audio control, System

standby

Power

- Ambient temperature: 5 °C to 35 °C
- Mains power: 100-240V, 50/60Hz
- Power consumption: 205 W
- Standby power consumption: 0.15W

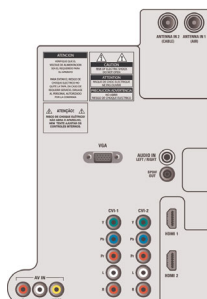
Dimensions

- Set dimensions (W x H x D): 1033 x 644 x 83 mm
- Set dimensions with stand (W x H x D): 1033 x 694 x 271 mm
- Product weight: 16.5 kg
- Product weight (+stand): 19.5 kg
- Box dimensions (W x H x D): 1285 x 767 x 271 mm
- VESA wall mount compatible: 400 x 400 mm

Accessories

- Included accessories: Tabletop swivel stand, Power cord, Quick start guide, User Manual, Remote Control, 2 x AAA Batteries
- User Manual: Portuguese

Rear connectors



Side



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