Philips
LCD TV with Pixel Plus HD

107cm (42")
integrated digital

42PFL5603D

Brilliant design, powerful performance.

Style and performance meet in one complete experience. Combining a full HD 1080p display, Pixel Plus HD engine and fantastic invisible sound, this Flat TV provides brilliant design and powerful performance for years to come.

Vivid and razor sharp pictures
- Pixel Plus HD for better details, depth and clarity
- Full HD LCD display, with a 1920x1080p resolution
- 28.9 billion colors for brilliant natural images
- Dynamic contrast 30000:1 for incredible rich black details

Pure and powerful sound
- Superb audio enjoyment from unique invisible speakers
- Virtual Dolby Digital for a true life audio experience

Connect, install and enjoy
- Enjoy photo and music playback via USB
- 4 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV & connected device via HDMI CEC

Ready for digital
- Integrated Digital Tuner for DVB-T reception

PHILIPS

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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.

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

Virtual Dolby Digital
Virtual Dolby Digital is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

USB for photo & music playback
The USB connector allows access to jpeg photos and mp3 music 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 photos and music.

4 HDMI inputs
HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources and includes digital audio. HDMI uses HDCP copy protection. With 3 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. Your TV is fully prepared for the HD future.

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. EasyLink uses the standard HDMI cable to transfer system commands. It works between all electronic devices equipped with HDMI CEC.

Pixel Plus HD
HD ready 1080p
28.9 billion colours
30 000 : 1 Dynamic contrast ratio
DOLBY DIGITAL
4x HDMI
easy LINK
USB

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Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 30000:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 42 inch / 107 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 Transient Improvement, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Anti-Reflection coated screen
- Color cabinet: Black cabinet with High Gloss deco front

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75, 85Hz
800 x 600	60, 72, 75, 85Hz
1024 x 768	60, 70, 75, 85Hz
Via HDMI/DVI input	

- Video formats

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

Sound
- Equalizer: 5-bands
- Output power (RMS): 2 x 15W
- Sound Enhancement: Auto Volume Leveller, Graphic Equaliser
- Sound System: Nicam Stereo, Virtual Dolby Digital, BBE

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake up Clock
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- Electronic Program Guide: Now + Next EPG, 8 day Electronic Program Guide
- Picture in Picture: Text dual screen
- Remote Control: TV
- Remote control type: RCPF05E08B
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 1200 page Hypertext
- Teletext enhancements: 4 favourite pages, Program information Line
- Smart mode: Movie, Standard, Vivid

Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

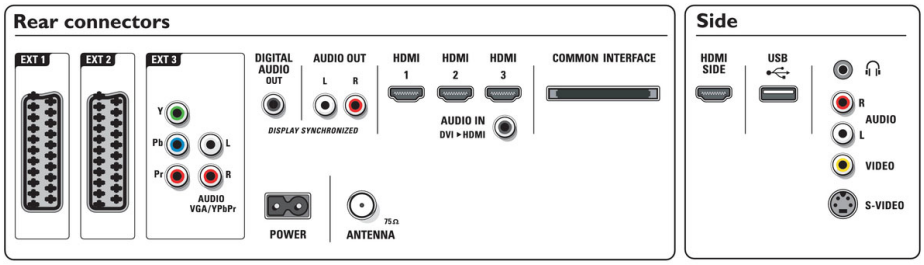
Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- Digital TV: DVB Terrestrial *
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Ext 3: YPbPr, Audio L/R in
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System standby
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone Out, USB
- Other connections: Analog audio Left/Right out, PC Audio in, S/PDIF out (coaxial), Common Interface

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Power consumption: 200 W
- Standby power consumption: 0.15 W

Dimensions
- Set dimensions (W x H x D): 1046 x 644 x 88 mm
- Set dimensions with stand (W x H x D): 1046 x 716 x 262 mm
- Weight incl. Packaging: 42 kg
- Product weight: 21 kg
- Product weight (+stand): 25.5 kg
- Box dimensions (W x H x D): 1151 x 793 x 333 mm
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included accessories: Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control



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