

PHILIPS

LCD TV

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.

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

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

Ready for digital

- Integrated Digital Tuner for DVB-T reception

Pure and powerful sound

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

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.

28.9 billion colors



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

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

Dynamic contrast ratio 30000:1

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.

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.

Invisible speakers

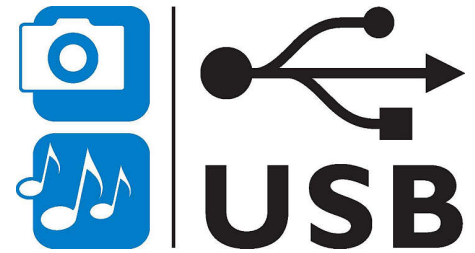


An invisible sound system that blends perfectly with the design of the cabinet. It gives a clear and spacious sound stage complementary to the rich viewing experience.

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.

Specifications

Picture/Display

Aspect ratio: Widescreen

Diagonal screen size (inch): 42 inch

Diagonal screen size (metric): 107 cm

Color cabinet: Black cabinet with High Gloss deco front

Brightness: 500 cd/m²

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

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

Panel resolution: 1920x1080p

Dynamic screen contrast: 30000:1

Response time (typical): 5 ms

Viewing angle: 176° (H) / 176° (V)

Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

Computer formats: 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: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 24, 50, 60Hz, 1080p, 24, 25, 30Hz

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 *

Video Playback: NTSC, SECAM, PAL

Multimedia Applications

Multimedia connections: USB

Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

Convenience

Child Protection: Child Lock+Parental Control

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

Clock: Sleep Timer, Wake up Clock

Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen

Electronic Program Guide: Now + Next EPG, 8 day Electronic Program Guide

Remote Control: TV

Remote control type: RCPF05E08B

Teletext: 1200 page Hypertext

Picture in Picture: Text dual screen

Teletext enhancements: 4 favourite pages, Program information Line

Smart mode: Movie, Standard, Vivid

Sound

Equalizer: 5-bands

Output power (RMS): 2 x 15W

Sound Enhancement: Auto Volume Leveler, Graphic Equaliser

Sound System: Nicam Stereo, Virtual Dolby Digital, BBE

Connectivity

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

Ext 1 Scart: Audio L/R, CVBS in/out, RGB

Ext 2 Scart: Audio L/R, CVBS in/out, RGB

Other connections: Analog audio Left/Right out, PC Audio in, S/PDIF out (coaxial), Common Interface

Ext 3: YPbPr, Audio L/R in

Ext 4: HDMI v1.3

Ext 5: HDMI v1.3

Ext 6: HDMI v1.3

Power

Mains power: 220 - 240V, 50/60Hz

Ambient temperature: 5 °C to 35 °C

Power consumption: 200 W

Standby power consumption: 0.15 W

Accessories

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

Dimensions

Box depth: 333 mm

Product weight: 21 kg

Set Width: 1046 mm

Set width (with stand): 1046 mm

Wall mount compatible: 400 x 400 mm

Box height: 793 mm

Box width: 1151 mm

Set Height: 644 mm

Weight incl. Packaging: 42 kg

Set Depth: 88 mm

Set height (with stand): 716 mm

Set depth (with stand): 262 mm

Product weight (+stand): 25.5 kg

