

Philips
LCD TV

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

42PFL5609D



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.

Easy to connect and enjoy

- USB for fantastic multimedia playback
- 3 HDMI inputs with Easylink for a full HD connection
- Smart Picture and Smart Sound to personalize your viewing

Pure and lifelike sound

- 2.1 channel surround with subwoofer for deep bass
- 20W for superior sound clarity
- Invisible speakers with incredible surround

Vivid and razor sharp pictures

- Pixel Plus HD for better details, depth and clarity
- Full HD LCD display, with a 1920x1080p resolution
- Dynamic contrast 50000:1 for incredible rich black details
- Native cinema mode for real movie experience

Ready for digital

- Integrated tuner for digital reception without set top box

PHILIPS

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

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.

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.

2.1 channel surround

This 2.1 channel surround with integrated subwoofer is a complete sound system that utilises Philips incredible surround sound processing technology. It amplifies the bass frequencies from the subwoofer and at the same time optimizing mid and low frequencies. The result is a system that powerfully reproduces the full range of audio frequencies from deep bass to crystal clear high notes.

20W for superior sound clarity

20W for superior sound clarity

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

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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.

Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

True 24p playability

Movies and many prime time TV programs are captured at 24 frames per second (24p). Without changing the frames processing of the film, the TV displays movie content exactly at 24 frames per second, hence recreating the exact same motion effect film producers have intended.

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 digital 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
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 1920x1080p
- Brightness: 500 cd/m²
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Enhancement, Contrast Plus, Digital Noise Reduction, Dynamic contrast, Luminance Transient Improver, Dynamic Noise Reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, HD Natural Motion
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 50000:1
- Response time (typical): 3 ms
- Viewing angle: 178° (H) / 178° (V)
- Screen enhancement: Semi-glare

Supported Display Resolution

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

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
- Number of Preset Channels: 99
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: AAC LC, MP3, AC3, JPEG Still pictures, MPEG1, MPEG4, H.264/MPEG-4 AVC
- Playback enhancement: Picture slideshow

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Autostore, Fine Tuning, PLL Digital Tuning, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Channel

- list, Settings assistant Wizard, Side Control, EasyLink, One-stop Home button, Favorite program selection
- Clock: Sleep Timer, Wake Up Timer
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Multimedia: USB media browser
- Electronic Program Guide: Now + Next EPG, 7 day Electronic Program Guide
- Remote Control: TV
- Remote control type: PF07A09B
- Signal strength indication
- On-Screen Display languages: English, Simplified Chinese, Traditional Chinese
- Firmware upgradeable: Firmware upgradeable via USB

Sound

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

Loudspeakers

- Built-in speakers: 2

Connectivity

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

Power

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

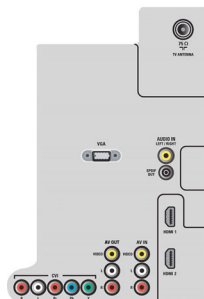
Accessories

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

Dimensions

- Set Width: 1033 mm
- Set Height: 664 mm
- Set Depth: 83 mm
- Product weight: 16.5 kg
- Set width (with stand): 1033 mm
- Set height (with stand): 694 mm
- Set depth (with stand): 271 mm
- Product weight (+stand): 19.5 kg
- Box width: 1285 mm
- Box height: 767 mm
- Box depth: 271 mm
- Weight incl. Packaging: 26.5 kg
- Wall mount compatible: 400 x 400 mm

Rear connectors



Side



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