

Philips
LCD TV

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

42PFL7409D



Be part of the action

With slim design and invisible sound

Featuring the stunning Pixel Precise HD and fantastic invisible sound, enjoy the pleasure of the movies in your living room. This full HD 1080p display combined with a super slim design, ensures you're always part of the action.

See precise details in action

- Pixel Precise HD for extremely sharp and clear pictures
- Full HD LCD display, with a 1920x1080p resolution
- 100Hz LCD, 3ms performance for superb motion sharpness
- HD Natural Motion for ultra smooth motion in Full HD movies

Your window to the digital world

- USB for fantastic multimedia playback
- 3 HDMI inputs with Easylink for a full HD connection

Ready for digital

- Integrated tuner for digital reception without set top box

Exciting and powerful sound

- 20W audio power for powerful sound performance
- Invisible speakers with incredible surround

PHILIPS

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

Highlights

Pixel Precise HD



Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings picture quality to the next level with 69 billion colors and HD Natural Motion, making all your movies fluent moving and razor sharp. Thanks to the Pixel Precise 100Hz LCD, you are buying the fastest LCD TV's in the category with 3ms response time delivering extreme motion sharpness for all your movies and sports.

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.

100Hz LCD (3ms)



100Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

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.

20W audio power

20W audio power for powerful sound performance

42PFL7409D/30

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.

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 precise HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Enhancement, Luminance Transient Improver, Progressive scan, Sharpness Adjustment, Smart Picture, 100Hz LCD, HD Natural Motion
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 80000:1
- Response time (typical): 3 ms
- Viewing angle: 178° (H) / 178° (V)
- Screen enhancement: Anti-Reflection coated screen

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
- 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 Leveller, Incredible Surround, Smart Sound, 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: 235 W
- Standby power consumption: 0.15 W (typical)

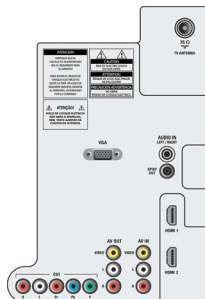
Accessories

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

Dimensions

- Set Width: 996 mm
- Set Height: 602.5 mm
- Set Depth: 88 mm
- Product weight: 17.55 kg
- Set width (with stand): 996 mm
- Set height (with stand): 655.5 mm
- Set depth (with stand): 260 mm
- Product weight (+stand): 20.45 kg
- Box width: 1243 mm
- Box height: 702 mm
- Box depth: 280 mm
- Weight incl. Packaging: 26 kg
- Wall mount compatible: 400 x 400 mm

Rear connectors



Side



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