

Philips
LCD TV

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

42PFL8404H



Enjoy a movie night in

with Ambilight

Treat yourself to a movie night in. Enjoy the pleasure of the movies in your living room with Pixel Precise HD and the immersive power of Ambilight.

See precise details in action

- Pixel Precise HD for extremely sharp and clear pictures
- Full HD LCD display, with a 1920 x 1080p resolution
- 100 Hz LCD, 3 ms performance for superb motion sharpness

Built-in Internet TV

- Philips Net TV for popular online services on your TV
- Enjoy a rich selection of web videos from YouTube and others
- DLNA PC network link for watching videos from your computer

Ready for digital

- MPEG4 HDTV reception via DVB-T and DVB-C tuner with CI+*

Immersive viewing experience

- Ambilight Spectra enhances the viewing experience

Exciting and powerful sound

- 2 x 10 W with Incredible Surround

PHILIPS

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

Highlights

Ambilight Spectra



Add a new dimension to your viewing experience with Ambilight Spectra. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light surrounding the TV to match the picture, creating an immersive viewing experience. With Ambilight Spectra movies truly come to life!

Pixel Precise HD



Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings the picture quality to the next level with 4 trillion colours with HD Natural Motion making all your movies fluently moving and razor sharp. Thanks to Pixel Precise 100 Hz LCD, you are buying the fastest LCD TVs in the category with 3 ms response time delivering extreme motion sharpness for all your movies and sport.

Full HD LCD display 1920 x 1080p



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 sources such as 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 colours.

Philips Net TV



Experience a rich selection of online services with Philips Net TV. Enjoy movies, pictures, infotainment and other Internet content directly on your TV whenever you like. Simply connect directly to your home network through the Ethernet connection, and navigate and select what you want to watch with the remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA-certified PC network you can watch videos or

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access pictures stored on your computer using your remote control.

100 Hz LCD (3 ms)



100 Hz 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 100 Hz 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 takes motion sharpness of LCD displays to an unprecedented level.

2 x 10 W with Incredible Surround

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.

Videos from YouTube and others

Net TV brings you a rich selection of videos from YouTube and other video websites. The videos are tailored to fit your TV screen, allowing you to sit back and enjoy online videos at optimum quality.

DLNA PC network link for video

DLNA PC network link lets you watch videos, view pictures and listen to music from your PC

Specifications

Ambilight

- Ambilight Features: Ambilight Spectra, Lounge light mode
- Ambilight light system: LED-wide colour
- Dimming Function: Manual and via Light Sensor

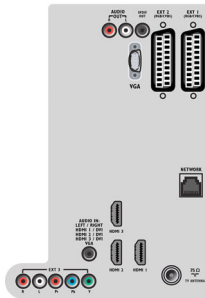
Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 42 inch

- Diagonal screen size (metric): 107 cm
- Colour cabinet: High gloss black deco front with black cabinet
- Panel resolution: 1920 x 1080p
- Brightness: 500 cd/m²
- Picture enhancement: Pixel precise HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient

- Improver, Progressive scan, 2D/3D noise reduction, 100 Hz 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: 176° (H)/176° (V)
- Screen enhancement: Anti-Reflection coated

Rear connectors



Side



Specifications

screen

- Colour processing: 4 trillion colours (14-bit RGB)

Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 60 Hz, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 24, 25, 30, 50, 60 Hz

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: DVB COFDM 2K/8K
- Digital TV: DVB-T MPEG4*, DVB-C MPEG4*
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

- Multimedia connections: Ethernet-UTP5, USB
- Playback Formats: MP3, LPCM, WMA v2 up to v9.2, JPEG Still pictures, MPEG1, MPEG2, MPEG4, AVI, H.264/MPEG-4 AVC, MPEG-Programme-stream PAL, WMV9/VC1

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Programme List, Settings assistant Wizard, One-stop Home button, Favourite programme selection
- Clock: Sleep Timer
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Multimedia: DLNA media Browser, Internet browser, Net TV services, USB media browser
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote control type: RC PF04E09B
- Teletext: 1000-page Smart Text
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Smart mode: Game, Cinema, Personal, Standard, Vivid

Sound

- Output power (RMS): 2 x 10 W
- Sound System: Nicam Stereo
- Sound Enhancement: Incredible Surround, Treble and Bass Control

Connectivity

- EasyLink (HDMI-CEC): One touch play, Remote control pass-through, System audio control, System standby
- Front/Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphones Out, USB
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- HDMI 1: HDMI v1.3
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- HDMI 2: HDMI v1.3
- Other connections: Analogue audio Left/Right out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface Plus (CI+), Common Interface
- HDMI 3: HDMI v1.3
- PC network link: DLNA 1.0 certified
- Ext 3: YPbPr, Audio L/R in

Power

- Mains power: 220 - 240 V, 50 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: 0.15 W
- Power consumption (typical): 146 W

Accessories

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

Dimensions

- Set Width: 996 mm
- Set Height: 603 mm
- Set Depth: 88 mm
- Product weight: 17.7 kg
- Set width (with stand): 996 mm
- Set height (with stand): 655 mm
- Set depth (with stand): 260 mm
- Product weight (+stand): 20.5 kg
- Box width: 1203 mm
- Box height: 682 mm
- Box depth: 266 mm
- Weight incl. Packaging: 25.0 kg
- Wall-mount compatible: 400 x 400 mm



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EAN: 87 12581 46584 1

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* DVB-T, supported in selected countries only

* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.

* Net TV, service offering is dependent on country and subject to terms of use.