



Philips
LCD TV with Ambilight
Spectra and Pixel Precise
HD

102 cm (40")
Full HD 1080p
digital TV



40PFL8664H

Enjoy a movie night

with Ambilight and LED

Featuring the Pixel Precise HD engine, this ultra thin LED TV captures every moment in stunning detail. Combining a slim frame of only 2.8cm and Ambilight, you are guaranteed a larger than life experience.

Immersive viewing experience

- Ambilight Spectra enhances the viewing experience

See precise details in action

- Pixel Precise HD with LED for extreme sharpness and clarity
- 100Hz LCD, 3ms performance for superb motion sharpness
- HD Natural Motion for ultra smooth motion in Full HD movies
- Full HD TV, with 1920x1080p resolution

Stylish and elegant design

- Ultra slim and thin TV for perfect fit in your living room

In-built internet TV

- Philips Net TV for popular online services on your TV
- DLNA PC network link for watching videos from your computer

Enjoy technology while being green

- 40% more energy efficient than conventional Flat TV's

PHILIPS

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 adjusts automatically the colour and brightness of the light surrounding the TV to match with the picture, creating an immersive viewing experience. With Ambilight Spectra movies truly come to life!

Pixel Precise HD



Pixel Precise HD with LED builds on the award winning Pixel Plus foundation. It brings picture quality to the next level with 4 trillion colours, and HD Natural Motion making all your movies fluently moving and razor sharp. You get the fastest 100Hz LCD in the category with 3ms response time. Together with LED technology it lets you enjoy breathtaking images of high brightness and extreme motion sharpness for all your movies and sports.

Ultra slim and thin TV



This 40" TV's state of the art display technology makes it both ultra slim and ultra thin at the same time. With a frame of only 2,8 cm it fits into compact spaces, giving you more viewing experience in the same footprint. Ultra thin profile of 3,9 cm creates a minimalist appearance that fits well in any interior. Wallmounted, or on the elegant stand. Advanced technology in a breathtaking design.

Philips Net TV



Experience a rich selection of online services with Philips Net TV. Enjoy movies, pictures, infotainment and other internet 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 access pictures stored on your computer using your remote control.

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.

40% more energy efficient



40% more energy efficient than conventional flat TVs. Using the latest LED backlight technology, LED-backlit TVs are considered a more sustainable choice, with a longer life and far lower energy consumption than plasmas and conventional LCD TVs. Unlike CCFL backlights, LEDs do not use mercury in their manufacture. In addition, Philips TV designs have improved generation after generation resulting in an increase in material efficiency and a reduction in energy usage without compromising on safety and wellbeing. That's good news for you today - your children tomorrow.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 500000:1
- Response time (typical): 3 (BEW) ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 40 inch / 102 cm
- Panel resolution: 1920x1080p
- 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, 100Hz LCD, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, HD Natural Motion, LED backlight Display
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 4 trillion colors (14bit RGB)
- Color cabinet: High gloss black deco front with black cabinet

Ambilight

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

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz

Video formats

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

Sound

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

Loudspeakers

- Built-in speakers: 2
- Loudspeaker types: Full range speakers

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- 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: Auto Volume Leveller (AVL), Delta Volume per preset, Program List, Settings assistant Wizard, Side Control, Onscreen Usermanual, One-stop Home button, Favorite program selection
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote control type: RC PF04E09B
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscald (1080p dot by dot)
- Teletext: 1000 page Smart Text
- Teletext enhancements: 4 favourite pages
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: USB autobreak-in, DLNA media Browser, Internet browser, Net TV services, USB media browser
- Smart mode: Game, Cinema, Personal, Power saver, Standard, Vivid

Multimedia Applications

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

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL

- Digital TV: DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

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

Power

- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Power consumption (typical): 104 W
- Standby power consumption: <0.15 W

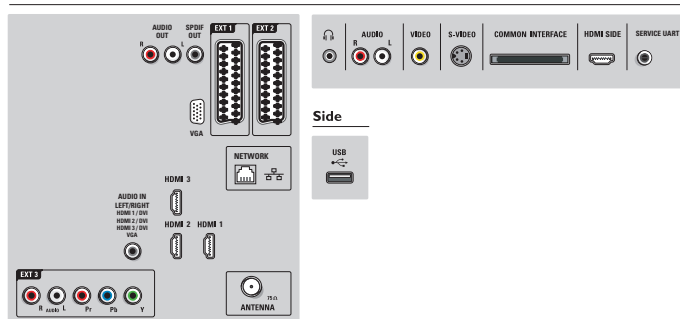
Dimensions

- Set dimensions (W x H x D): 958 x 580 x 39 mm
- Set dimensions with stand (W x H x D): 958 x 628 x 220 mm
- Weight incl. Packaging: 24.0 kg
- Product weight: 15 kg
- Product weight (+stand): 18 kg
- Box dimensions (W x H x D): 1200 x 698 x 200 mm
- VESA wall mount compatible: 300 x 300 mm

Accessories

- Included accessories: Table top stand, Power cord, Quick start guide, Warranty certificate, Remote Control, Batteries for remote control, Safety/legal instructions
- Optional accessories: Smart level wallmount SQM6175, DVB-S module PFS0001*

Rear connectors



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* DVB-T MPEG4 only for: France, Spain, Denmark, Norway, Finland, Sweden. DVB-C MPEG4 only for selected providers: Denmark, Norway, Finland, Sweden. Most up to date information is available on the type plate of the TV, or via www.philips.com/support under the specific type number.

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

* Optional Philips DVB-S module required (part no. PFS0001, only available in Germany, Austria and Switzerland)