



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 2.8 cm 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
- 100 Hz LCD, 3 ms performance for superb motion sharpness
- HD Natural Motion for ultra-smooth motion in Full HD movies
- Full HD TV, with 1920 x 1080p resolution

Stylish and elegant design

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

Built-in 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 TVs



NL/22/001

PHILIPS

LCD TV
102 cm (40") 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 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 100 Hz LCD in the category with 3 ms 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 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 access pictures stored on your computer using your remote control.

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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.



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EU Eco Label

The Philips eco-design process aims to create products that are increasingly eco-friendly.

Our efforts have been recognised and Philips has been awarded the EU Eco Label (Eco flower) for the majority of its models because of their high energy efficiency, ultra low standby powers (up to 50% less than the required EU Eco Label level), absence of hazardous substances (e.g. lead) and design for easier recycling.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 500,000:1
- Response time (typical): 3 (BEW) ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 40 inch / 102 cm
- Panel resolution: 1920 x 1080p
- 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, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing, HD Natural Motion, LED backlight Display
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 4 trillion colours (14-bit RGB)
- Colour 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 colour

Supported Display Resolution

Computer formats

Resolution	Refresh rate
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

Resolution	Refresh rate
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

Sound

- Output power (RMS): 2 x 10 W
- 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 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, Side Control, On-screen User manual, One-stop Home button, Favourite programme selection
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote control type: RC PF04E09B
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscaled (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-Programme-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), Analogue 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 - 240 V, 50/60 Hz
- Power consumption (typical): 104 W
- Standby power consumption: < 0.15 W

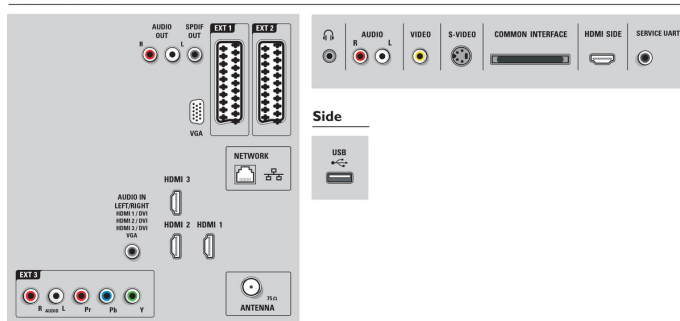
Dimensions

- 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
- Stand width: 520 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: Tabletop 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. The 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)