



Philips Aurea
LCD TV with Perfect Pixel
HD Engine and Ambilight
Active Frame

102 cm (40")

Full HD 1080p
digital TV

AUREA

40PFL9904H



Immerse in a unique experience

Transform your viewing experience with Aurea. With unique Ambilight Active Frame and stunning picture and sound quality, you can lose yourself in the most unique of viewing experiences.

Bring magic to your viewing experience

- Ambilight Active Frame for a stunning viewing experience
- Full glass front design to complement your interior

Perfect LCD Picture

- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- Full HD TV, with 1920x1080p resolution
- LED TV for brilliant images with low power consumption
- Perfect Natural Motion for ultra smooth Full HD movies
- 100Hz Clear LCD, 2ms performance for superb motion sharpness

Powerful and all absorbing sound

- 2x15W RMS with BBE for fresh, clear sound

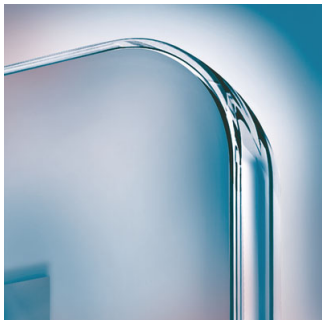
In-built internet TV

- Philips Net TV with Wi-Fi for online services on your TV
- Enjoy a rich selection of web videos from YouTube and others

PHILIPS

Highlights

Ambilight Active Frame



Immerse in a unique experience with Ambilight Active Frame! This patented Philips technology uses over 250 LEDs to create a multi-coloured frame of light around the screen and extending onto the wall. Ambilight adjusts automatically the colour and brightness of the light surrounding the TV to match with the picture, creating an immersive viewing experience. Experience a touch of magic with the Ambilight Active Frame.

Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection

and reduction in all content sources - from multimedia to standard TV.

Full HD TV 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.

Philips Net TV with Wi-Fi



Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your home theater 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.

LED TV

No compromises! Stunning picture quality. Stunning design. Low energy use. With LED TV you get the best of both worlds, brilliant picture quality with high brightness, incredible contrast and sharpness, and vibrant colors all wrapped in a thin and slim design. What's even better, is that you can enjoy these beautiful images whilst saving up to 40% energy compared to a regular LCD TV of the same screen size. Enjoy breathtaking pictures in a state of the art design.

Perfect Natural Motion

Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness. Enjoy motion performance that surpasses cinema quality!

100Hz Clear LCD (2ms)



100Hz Clear LCD creates extreme motion sharpness. The Double Frame Rate Insertion increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 2 milliseconds. Now you can enjoy clear images even with fast on-screen motion.

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 500000:1
- Response time (typical): 2 (BEW equiv.) ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 40 inch / 102 cm
- Panel resolution: 1920x1080p
- Picture enhancement: 100 Hz, 2 ms, Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colors, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive scan, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, LED backlight Display
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 2250 trillion colors 17bit RGB
- Color cabinet: Precision Chrome and translucent

Ambilight

- Ambilight Features: Ambilight Spectra, Auto adaptive to video content, 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 15 W, Powerful Sound
- Sound Enhancement: Auto Volume Leveler, Digital Signal Processing, Dynamic Bass Enhancement, Treble and Bass Control
- Sound System: BBE

Loudspeakers

- Built-in speakers: 4
- Loudspeaker types: 2 integrated subwoofers, 2x Dome tweeter

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Connection Enhancement: Easy link
- 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, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Connectivity assistant, Automatic setup wizard, Demo mode, Onscreen Usermanual, Touch control buttons, One-stop Home button, Favorite program selection, Iconic home screen, Mozaic channel grid
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote control type: RC4497
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1200 page Hypertext
- 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

- Net TV: Included
- Multimedia connections: Ethernet-UTP5, USB, Wi-Fi 802.11g (built in)
- 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*, MHEG
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Summary: 5x HDMI, 1x USB, 2x SCART, 1x Ethernet, WiFi ready
- 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, VGA PC-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
- HDMI 4: HDMI v1.3a
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel link, Remote control pass-through, System audio control, System standby

Power

- Green label: ECO label certified
- Ambient temperature: 5 °C to 35 °C
- Mains power: AC 220 - 240 V +/- 10%
- Power consumption (typical): 104 W
- Standby power consumption: <0.15 W

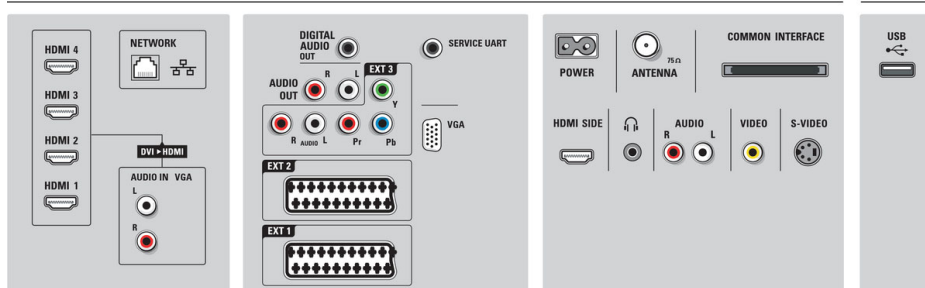
Dimensions

- Set dimensions (W x H x D): 1025 x 663 x 59 mm
- Set dimensions with stand (W x H x D): 1025 x 726 x 260 mm
- Stand width: 520 mm
- Weight incl. Packaging: 34.7 kg
- Product weight: 30.6 kg
- Product weight (+stand): 33.5 kg
- Box dimensions (W x H x D): 1092 x 845 x 300 mm
- VESA wall mount compatible: 300 x 300 mm

Accessories

- Included accessories: Tabletop swivel stand, Wall mounting bracket, Power cord, Quick start guide, Warranty certificate, Remote Control, Batteries for remote control, Safety/legal instructions

Rear connectors



Issue date 2022-04-26

Version: 7.2.4

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www.philips.com

* 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)