Immerse yourself 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 1920 x 1080p resolution
- LED TV for brilliant images with low power consumption
- Perfect Natural Motion for ultra-smooth Full HD movies
- 100 Hz Clear LCD, 2 ms performance for superb motion sharpness

Powerful and all-absorbing sound

- 2 x 15 W RMS with BBE for fresh, clear sound

Built-in 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

NL/22/001

PHILIPS

Highlights

Ambilight Active Frame

Immerse yourself 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, extending onto the wall. Ambilight automatically adjusts 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 match the surrounding pixels better, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colours, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artefact and noise detection and reduction in all content sources — from multimedia to standard TV.

Full HD TV 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 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 theatre 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 colours all wrapped in a thin and slim design. What's even better is the fact that you can enjoy these beautiful images whilst saving up to 40% energy compared to a normal 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!

100 Hz Clear LCD (2 ms)

100 Hz 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.

EU Eco Label

NL/22/001

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): 2 (BEW equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 40 inch / 102 cm
- Panel resolution: 1920 x 1080p
- Picture enhancement: 100 Hz, 2 ms, Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colours, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100 Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive scan, 2D/3D noise reduction, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing, LED backlight Display
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 2250 trillion colours 17bit RGB
- Colour 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 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 15 W, Powerful Sound
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Treble and Bass Control
- Sound System: BBE

Loudspeakers

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

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Connection Enhancement: Easy link
- 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, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Connectivity assistant, Automatic setup wizard, Demo mode, On-screen User manual, Touch control buttons, One-stop Home button, Favourite programme selection, Iconic home screen, Mozaïc channel grid
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme 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-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*, MHEG
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Summary: 5 x HDMI, 1 x USB, 2 x SCART, 1 x Ethernet, Wi-Fi 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), 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
- 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
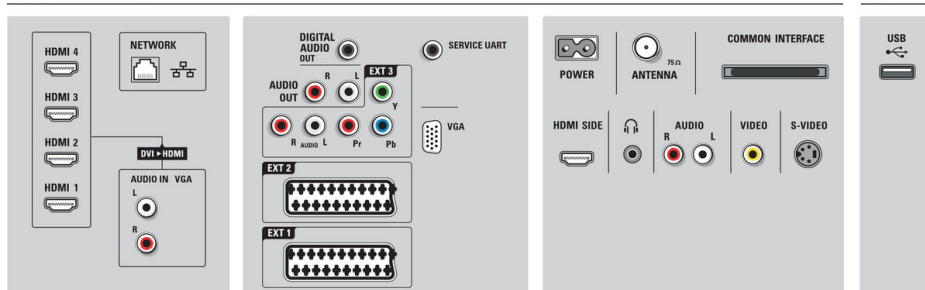- Standby power consumption: < 0.15 W

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   **Side**

* 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)