



Philips Aurea  
LCD TV with Ambilight  
Spectra and Perfect Pixel  
HD Engine

42"

DVB-T/C MPEG4\*



42PFL9903H

## Seduction by light

Let the beauty of light transform your viewing experience with the Aurea Flat TV. The Ambilight Spectra with active frame is blended in a stunning design. With Perfect Pixel HD engine and Full HD 1080p LCD display seeing is believing

### Bring magic to your viewing experience

- Ambilight Spectra with Active Glass Frame and sensorial halo

### A pure treat for your eyes

- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- HD ready 1080p for highest quality display of Full HD images
- Perfect Natural Motion for ultra smooth Full HD movies
- 100Hz Clear LCD, 2ms performance for superb motion sharpness
- 2250 trillion colors processing
- Dynamic contrast 30000:1 for incredible rich black details

### Easy to connect and enjoy

- DLNA PC network link to browse PC and Home network content
- 4 HDMI inputs with Easylink for a full HD connection

### Ready for digital

- MPEG4 HDTV reception via DVB-T and DVB-Cable tuner\*

# PHILIPS

sense and simplicity

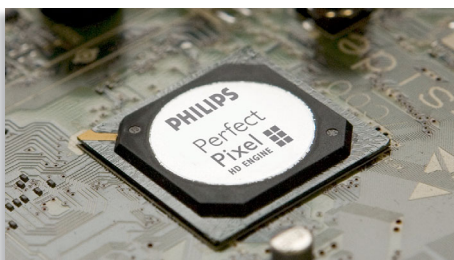
## Product highlights

### Ambilight Spectra



The sensorial halo of Ambilight Spectra extends the light and atmosphere of the image far outside the screen. You feel fully immersed in the images, it adds a magical dimension to the viewing experience. The Aurea has a high quality design with a unique edge to edge front cut from a single piece of crystalline glass. The Active Frame transforms from a stylish design object into a lively sensation of color and light. Over 150 power LEDs positioned around the screen create a soft, multicolored halo directly enveloping the screen and flowing seamlessly on to the wall.

### 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 LCD display 1920x1080p

Enjoy the exceptional picture quality of Full High Definition TV signals of HD sources like HDTV broadcast, or Blu-ray DVD. HD ready 1080p is a protected label that offers picture quality far beyond that of ordinary HD Ready. It conforms to strict standards laid out by EICTA to offer a Full HD screen that displays the benefits of resolution and picture quality of a Full HD 1920x1080p High Definition TV signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 1080p progressive signals at 24, 50 and 60Hz.

### 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, regardless of how quick

the action gets on-screen. Enjoy motion performance that surpasses cinema quality!

### 100Hz Clear LCD (2ms)

100Hz Clear 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 2 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

### Dynamic contrast ratio 30000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.



# Specifications

## Picture/Display

- **Aspect ratio:** Widescreen
- **Brightness:** 500 cd/m<sup>2</sup>
- **Dynamic screen contrast:** 30000:1
- **Response time (typical):** 2 (BEV equiv.) ms
- **Viewing angle:** 176° (H) / 176° (V)
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** LCD Full HD W-UXGA Act. matrix
- **Panel resolution:** 1920x1080p
- **Picture enhancement:** Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100Hz Clear LCD, Jagged Line Suppression, Progressive Scan, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- **Screen enhancement:** Anti-Reflection coated screen
- **Color processing:** 2250 trillion colors 17bit RGB

## Ambilight

- **Ambilight Features:** Ambilight Spectra, Auto adaptive to video content, Lounge light mode in stand-by
- **Dimming Function:** Manual and via Light Sensor, 10 steps with Aurea Navigator
- **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 768	60Hz
1360 x 768	60Hz
1920 x 1080i	60Hz
1920 x 1080p	60Hz

### Video formats

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

## Sound

- **Output power (RMS):** 2x15W
- **Sound Enhancement:** Auto Volume Leveller,

Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser, Smart Sound

- **Sound System:** Virtual Dolby Digital, BBE

## Loudspeakers

- **Built-in speakers:** 6
- **Loudspeaker types:** 2 integrated subwoofers, Dome tweeter

## Convenience

- **Child Protection:** Child Lock+Parental Control
- **Ease of Installation:** Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- **Ease of Use:** 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- **Electronic Program Guide:** Now + Next EPG, 8 day Electronic Program Guide
- **Picture in Picture:** Text dual screen
- **Remote Control:** TV, Amp, DVD, DVD-R, Sat, STB (Set-Top Box), Universal, HTS (Home Theater System)
- **Remote control type:** RC4491
- **Screen Format Adjustments:** 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- **Teletext:** 1200 page Hypertext
- **Teletext enhancements:** Habit Watch, Program information Line
- **Firmware upgradeable:** Firmware auto upgrade wizard, Firmware upgradeable via USB
- **Multimedia:** Digital media reader (browser), USB autobreak-in
- **Smart mode:** Game, Movie, Personal, Energy saving, Standard, Vivid

## Multimedia Applications

- **Multimedia connections:** Ethernet-UTP5, USB
- **Playback Formats:** MP3, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2

## Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **TV system:** DVB COFDM 2K/8K
- **Video Playback:** NTSC, SECAM, PAL
- **DVB:** DVB Terrestrial \*, 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, VGA PC-in
- **Ext 4:** HDMI v1.3
- **Ext 5:** HDMI v1.3
- **Ext 6:** HDMI v1.3
- **EasyLink (HDMI-CEC):** One touch play, System audio control, System standby
- **Front / Side connections:** HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- **PC network link:** DLNA certified
- **Other connections:** Analog audio Left/Right out, S/PDIF out (coaxial), Common Interface

## Power

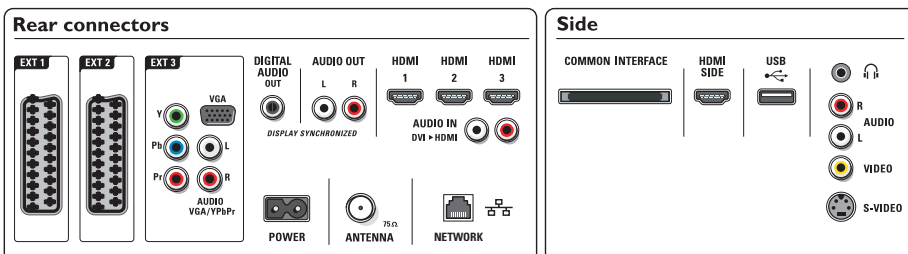
- **Ambient temperature:** 5 °C to 35 °C
- **Mains power:** AC 220 - 240 V +/- 10%
- **Power consumption:** 223 W
- **Power (Energy saving mode):** 165 W
- **Standby power consumption:** 0.15 W

## Dimensions

- **Set dimensions (W x H x D):** 1120 x 715 x 130 mm
- **Set dimensions with stand (W x H x D):** 1120 x 810 x 305 mm
- **Weight incl. Packaging:** 49.3 kg
- **Product weight:** 39.2 kg
- **Product weight (+stand):** 48.5 kg
- **Box dimensions (W x H x D):** 1218 x 1033 x 332 mm
- **Color cabinet:** Precision Chrome and translucent
- **VESA wall mount compatible:** 300 x 300 mm

## Accessories

- **Included Accessories:** Tabletop swivel stand, Wall mounting bracket, RF antenna cable, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control



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EAN: 87 12581 37571 3

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\* DVB-T, supported in selected countries only  
\* 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](http://www.philips.com/support) under the specific type number.