

Philips Aurea  
LCD TV

94 cm (37")  
DVB-T/C MPEG4\*

37PFL9903H



## 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

### 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

### 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
- 100 Hz Clear LCD, 2 ms performance for superb motion sharpness
- 2250 trillion colours processing
- Dynamic contrast 30000:1 for incredible rich black details

### Ready for digital

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

# PHILIPS

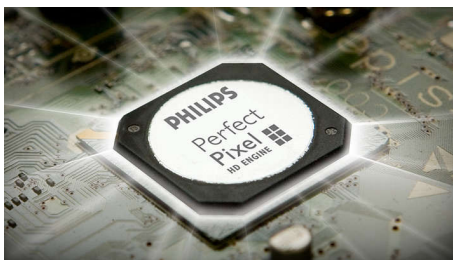
# Highlights

## 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 colour and light. Over 150 power LEDs positioned around the screen create a soft, multicoloured halo directly enveloping the screen and flowing seamlessly onto the wall.

## 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 LCD display 1920 x 1080p

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 1920 x 1080p High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 1080p progressive signals at 24, 50 and 60 Hz.

## 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.

## 2250 trillion colour processing

Vibrant and natural images from most advanced colour processing. The 17 bit colour booster optimises each of the 3 colour channels (RGB), a total processing power of 2250 trillion colours. It produces more vibrant colours while retaining excellent sharpness. The advanced algorithms detect skin tones and subtle colour shades, and processes these to give most natural colours.

## 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 black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

## MPEG4 HDTV on DVB-T/C tuner\*

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. HDTV allows you to receive high definition terrestrial broadcast content via the built-in tuner. It supports DVB-Terrestrial and DVB-Cable signals for both MPEG-2 and MPEG-4 formats. You will get exceptional picture and sound quality without an additional set-top box.

## DLNA PC network link

The PC-Network link provides easy access to personal Photo and Music content on your PC or Home Network. It uses the Ethernet (LAN) connection with DLNA protocol that assures that DLNA certified products will work together seamlessly. By connecting your TV to your home network you will be able to access information from all DLNA certified devices. Browse your PC collection of digital photographs, and music files via your home LAN network. The intuitive user interface of the TV makes it available at the push of a button

# Specifications

## Ambilight

- Ambilight Features: Ambilight Spectra, Auto adaptive to video content, Lounge light mode in stand-by
- Ambilight light system: LED-wide colour
- Dimming Function: Manual and via Light Sensor, 10 steps with Aurea Navigator

## Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 37 inch
- Diagonal screen size (metric): 94 cm
- Colour cabinet: Precision Chrome and translucent
- Panel resolution: 1920 x 1080p
- Brightness: 500 cd/m<sup>2</sup>
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100 Hz Clear LCD, Jagged Line Suppression, Progressive scan, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 30000:1
- Response time (typical): 2 (BEV equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 2250 trillion colours 17bit RGB

## Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1360 x 768, 60 Hz, 1920 x 1080i, 60 Hz, 1920 x 1080p, 60 Hz
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 24, 50, 60 Hz, 1080p, 24, 25, 30 Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: DVB COFDM 2K/8K
- Digital TV: DVB Terrestrial\*, DVB-T MPEG4\*, DVB-C MPEG4\*
- Video Playback: NTSC, SECAM, PAL

## Multimedia Applications

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

## Convenience

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

## Sound

- Output power (RMS): 2 x 15 W
- Sound System: Virtual Dolby Digital, BBE
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equalizer, Smart Sound

## Loudspeakers

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

## Connectivity

- 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, Headphones Out, USB
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Other connections: Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface

- PC network link: DLNA 1.0 certified
- 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

## Power

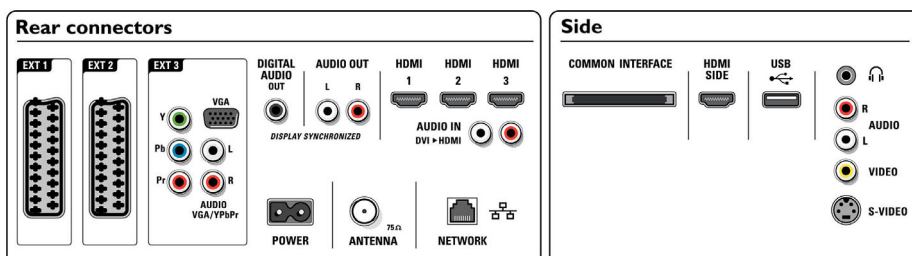
- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 35°C
- Power consumption: 205 W
- Standby power consumption: 0.15 W
- Power (Energy-saving mode): 155 W

## 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

## Dimensions

- Set Width: 1004 mm
- Set Height: 645 mm
- Set Depth: 111 mm
- Product weight: 30.6 kg
- Set width (with stand): 1004 mm
- Set height (with stand): 712 mm
- Set depth (with stand): 201 mm
- Product weight (+stand): 33.5 kg
- Box width: 1092 mm
- Box height: 845 mm
- Box depth: 300 mm
- Weight incl. Packaging: 34.7 kg
- Stand width: 520 mm
- Wall-mount compatible: 200 x 200 mm



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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. The 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.