



Philips Aurea
Professional LCD TV with
Ambilight Spectra

107cm (42")

LCD
DVB-T

AUREA

42HFL9320A

Seduction by light

Offer your guests a unique experience with the Philips Aurea Hospitality TV. The interactive TV shows a soft halo of light matching the colors of the screen adding a complete new atmosphere to the hotel room.

Bring magic to your viewing experience

- Ambilight Spectra with Active Frame and sensorial halo

System ready and future proof

- Serial Xpress Protocol for interactive systems
- Installation menu locking
- Switch On Channel Programming
- Full HD (1920x1080p) with integrated DVB-T tuner

Differentiating guest experience

- 100Hz Clear LCD for superb motion sharpness (3ms)
- HD Natural Motion for ultra smooth motion in Full HD movies
- USB Connector for easy, instant multimedia playing
- Powerful sound from unique invisible speakers
- Philips Connectivity Panel compatible to enjoy guest devices

Sustainable and safe

- Eco-friendly design & flame retardant housing

PHILIPS

Highlights

Full HD with DVB-T tuner

With state-of-the-art LCD screen technology this TV has the full high-definition widescreen resolution of 1920 x 1080p. It allows the best possible picture quality from any format of HD input signal. It produces a brilliant flickerfree, vibrant and sharp image that will provide guests with an enhanced viewing experience. With the integrated DVB-T tuner the TV can offer Digital Terrestrial TV channels, next to the existing analog channels. It also allows guests to listen to digital radio stations.

Eco-friendly design

Sustainability is integral to the way Philips does business. Philips TVs are designed and produced according to our EcoDesign principles aimed at minimizing overall environmental impact, through lower power consumption, removal of hazardous substances, lower weight, more efficient packaging and better recyclability. Philips TVs also have a special housing of flame retardant material. Independent tests carried out by emergency fire services have shown that whereas TVs can sometimes intensify fires caused by external sources, Philips TVs will not contribute to the fire.

100Hz Clear LCD

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 response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

HD Natural Motion

Philips invented HD Natural Motion to minimize juddering effects that are visible with movie based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

Invisible speakers

An invisible sound system that blends perfectly with the design of the Aurea. Although invisible from the outside and extremely compact inside, there are no compromises to the

performance of the sound. The new revolutionary micro speaker array uses 12 speakers per side to radiate the sound through an invisible thin slot at the front of the TV. They give a clear and spacious sound stage complementary to the rich viewing experience. The bass frequencies are generated by 2 powerful subwoofers integrated in the back of the TV.

Ambilight Spectra

The sensorial halo of Ambilight Spectra adds a magical dimension to the viewing experience. The Active Frame extends the light and atmosphere of the image far outside the screen in a soft kaleidoscope of colors. You feel fully immersed in the images, viewing becomes a more intensive experience than you could ever imagine. The compact LED technology enables a total of 126 power LEDs to be placed around the screen. This creates a multitude of segments that fuse into one soft surround of light in the Active Frame, directly enveloping the screen and flowing seamlessly into a soft halo on the wall.

Switch On Channel Programming

Perfect for in-house advertising or information channels as it allows to show a predefined channel when the TV is turned on.



Specifications

Picture/Display

- Diagonal screen size: 42 inch / 107 cm
- Aspect ratio: Widescreen
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Viewing angle: 176° (H) / 176° (V)
- Brightness: 550 cd/m²
- Color processing: 4 trillion colors (14bit RGB)
- Contrast ratio (typical): 1200:1
- Screen enhancement: Anti-Reflection coated screen
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Jagged Line Suppression, Progressive scan, Widescreen Plus, Dynamic contrast enhancement, Pulse Killer Chip, 100Hz Clear LCD, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, Double frame rate, HD Natural Motion, Perfect Pixel HD Engine
- Response time (typical): 3 (BEW equiv.) ms
- Dynamic screen contrast: 8000:1
- Color cabinet: Precision Chrome and translucent Pearl

Supported Display Resolution

Video formats

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

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
Via HDMI/DVI input	

Tuner/Reception/Transmission

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

Sound

- Sound System: BBE, Virtual Dolby Digital
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Output power (RMS): 2x12W

Loudspeakers

- Built-in speakers: 26
- Loudspeaker types: 2x12 invisible microdrivers, 2 integrated subwoofers

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Ext 3: Audio L/R in, YPbPr
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, USB
- HDMI features: Cable equalization, Category 1 and 2 cables, Compressed audio, Multirate pref. format support, PC format support, Resolutions 720p, 1080i, 1080p
- Other connections: Analog audio Left/Right out, S/PDIF out (coaxial), Common Interface
- Connectivity Enhancements: Serial Xpress interface, UART 3.5 mm mini-jack

Convenience

- Ease of Installation: Plug & Play, Automatic Tuning System (ATS), PLL Digital Tuning, Automatic Channel Install(ACI), Auto Program Naming, Autostore, Cloning of TV settings via USB, Security menu access, Keyboard lock-out
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, 1 channel list analog/digital, On Screen Display, Program List, Side Control, Graphical User Interface
- Comfort: Hotel Guest features, Welcome message, Switch on channel, Volume limitation, Sleep timer
- Multimedia: Digital media reader (browser), USB autobreak-in
- Teletext: 1200 page Hypertext
- Teletext enhancements: Program information Line, Habit Watch
- Electronic Program Guide: 8 day Electronic Program Guide, Now + Next EPG
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, Movie expand 14:9, Movie expand 16:9, Widescreen, Subtitle and Heading Shift, Super Zoom, unscaled (1080p dot by dot), Auto Format
- Picture in Picture: Text dual screen
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Other convenience: Convertible to consumer TV, Kensington lock
- Remote control type: RC4450

Multimedia Applications

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

Ambilight

- Ambilight Features: Ambilight Spectra, Auto adaptive to video content
- Dimming Function: 10 steps with Aurea Navigator
- Ambilight light system: LED wide color

Power

- Mains power: AC - 220 - 240 V +/- 10%
- Ambient temperature: 5 °C to 35 °C

- Power consumption: 231 W
- Standby power consumption: 0.8 W

Dimensions

- Set dimensions (W x H x D): 1121 x 715 x 129 mm
- Set dimensions with stand (H x D): 810 x 305 mm
- VESA wall mount compatible: 600 x 400 mm
- Box dimensions (W x H x D): 1354 x 1211 x 339 mm
- Product weight: 39.6 kg
- Product weight (+stand): 48.5 kg
- Weight incl. Packaging: 51 kg

Accessories

- Included accessories: Remote Control, Power cord, Tabletop swivel stand, Wall mounting bracket, Warranty Leaflet
- Optional accessories: Set up Remote RC2573GR



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