

Philips Aurea
Professional LCD TV

42"
LCD
DVB-T

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 colours of the screen adding a completely new atmosphere to the hotel room.

System ready and future-proof

- Installation menu locking
- Full HD (1920 x 1080p) with integrated DVB-T tuner
- Switch On Channel Programming
- Serial Xpress control interface for interactive systems

Sustainable and safe

- Eco-friendly design and flame-retardant housing

Differentiating guest experience

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

Bring magic to your viewing experience

- Ambilight Spectra with Active Frame and sensorial halo

PHILIPS

Highlights

Serial Xpress interface

The TV can be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Control Interface (UART protocol).

Installation menu locking

Prevents unauthorised access to installation and configuration settings, to ensure maximum guest convenience and avoid unnecessary reprogramming costs.

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 flicker-free, 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 analogue channels. It also allows guests to listen to digital radio stations.

USB multimedia playing

This Philips TV allows the guest to connect a USB stick for easy and instant playing of multimedia content. Playback formats supported are MP3, Slideshow files (.alb) and JPEG Still pictures.

Connectivity Panel compatible

This TV works seamlessly with Philips Connectivity Panels. The guest can easily connect and enjoy media from a PC, MP3 player, DVD player, camcorder and various other devices. With autosensing, the Connectivity Panel and the TV will automatically switch to display the content from the connected guest device.

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 minimising 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 a fire.

100 Hz Clear LCD



100 Hz 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 100 Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCDs, resulting in a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings the motion sharpness of LCD displays to an unprecedented level.

HD Natural Motion



Philips invented HD Natural Motion to minimise 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 quality 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 your viewing experience. The Active Frame extends the light and atmosphere of the image far outside the screen in a soft kaleidoscope of colours. 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 a predefined channel to be shown when the TV is turned on.

Specifications

Ambilight

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

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 1920 x 1080p
- Brightness: 550 cd/m²
- 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, 100 Hz Clear LCD, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing, Double frame rate, HD Natural Motion, Perfect Pixel HD Engine
- Contrast ratio (typical): 1200:1
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 8000:1
- Response time (typical): 3 (BEW equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 4 trillion colours (14-bit 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, Via HDMI/DVI input,
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 1080i, 50, 60 Hz, 720p, 50, 60 Hz, 1080p, 24, 25, 30 Hz, 1080p, 24, 50, 60 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*
- Video Playback: PAL, SECAM, NTSC

Multimedia Applications

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

Convenience

- Ease of Installation: Plug and Play, Automatic Tuning System (ATS), PLL Digital Tuning, Automatic Channel Install (ACI), Auto Programme 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 analogue/digital, On-Screen Display, Programme List, Side Control, Graphical User Interface
- Comfort: Hotel Guest features, Welcome message, Switch on channel, Volume limitation, Sleep timer
- 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
- Multimedia: Digital media reader (browser), USB autobreak-in
- Electronic Programme Guide: 8-day Electronic Programme Guide, Now + Next EPG
- Remote control type: RC4450
- Teletext: 1200-page Hypertext
- Other convenience: Convertible to consumer TV, Kensington lock
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Picture in Picture: Text dual screen
- Teletext enhancements: Programme information Line, Habit Watch

Sound

- Output power (RMS): 2 x 12 W
- Sound System: BBE, Virtual Dolby Digital
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equalizer

Loudspeakers

- Built-in speakers: 26
- Loudspeaker types: 2 x 12 invisible microdrivers, 2 integrated subwoofers

Connectivity

- Connectivity Enhancements: Serial Xpress interface, UART 3.5 mm mini-jack
- HDMI features: Cable equalization, Category 1 and 2 cables, Compressed audio, Multi-rate pref. format support, PC format support, Resolutions 720p, 1080i, 1080p
- Front/Side connections: Audio L/R in, CVBS in, Headphones Out, S-video in, USB
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Other connections: Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface
- Ext 3: Audio L/R in, YPbPr
- 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: 231 W
- Standby power consumption: 0.8 W

Accessories

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

Specifications

Dimensions

- Set Width: 1121 mm
- Set Height: 715 mm
- Set Depth: 129 mm
- Product weight: 39.6 kg
- Set height (with stand): 810 mm
- Set depth (with stand): 305 mm
- Product weight (+stand): 48.5 kg
- Box width: 1354 mm
- Box height: 1211 mm
- Box depth: 339 mm
- Weight incl. Packaging: 51 kg
- Stand width: 590 mm
- Wall-mount compatible: 600 x 400 mm



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* For information on DVB-T enrolled countries, please ask your Philips contact.