

Philips
Professional LED LCD TV

42" Signature
LED
DVB-T2/T/C MPEG 2/4

42HFL7406D



Dare to be different!

with Ambilight in an ultra-thin design

Like a painting on your wall, experience the latest in ultra-thin TV from Philips. Combining powerful LED picture performance and the immersion of Ambilight, be assured your guests are always part of the action.

Sustainable and safe

- Low power consumption
- Eco-friendly design and flame-retardant housing
- Green Button allows guest to save even more energy

Differentiating guest experience

- Ambilight Spectra 2-sided intensifies the viewing experience
- One combined channel list for Analogue and Digital channels
- 400 Hz Perfect Motion Rate (PMR) for superb motion sharpness

Advanced hotel features and future proof

- Brilliant LED images with incredible contrast
- Integrated Connectivity Panel
- 2-in-1 stand for easy use on table and as swivel wall mount
- Advanced EPG and channel list
- Installation menu locking

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Highlights

Ambilight Spectra 2



Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen by projecting a glow of light from 2 sides of the back of the TV screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light to match the TV picture. Thanks to the wall-adaptive function, the colour of the light is perfect, regardless of your wall colour.

Full HD LED TV



The most advanced LED lighting technology in this Full HD LED TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlights you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colours.

400 Hz Perfect Motion Rate



400 Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, HD Natural Motion and unique processing formula, for unprecedented motion sharpness.

2-in-1 swivel stand

This revolutionary 2-in-1 table-top stand can also be used to easily wall-mount your television. The patented design allows for no less than 4 mounting positions: table-top swivel stand, wall-mount with swivel, ultra flat wall-mount and VESA-compatible wall-mounting. With simple mounting and smart levelling, you can make sure that the TV is perfectly horizontal.

Integrated Connectivity Panel

The Integrated Connectivity Panel allows your guests to seamlessly connect their personal devices to your TV without the need for an external Connectivity Panel.

Green Button

With the Green Button guests have the option to save even more energy on the TV by opting for a higher backlight dimming or by switching off the screen when listening to radio. Another

way to reduce a hotel's operating costs while involving guests directly.

Low power consumption

Philips TVs are designed to minimise power consumption. This will not only reduce environmental impact but also lower operating costs.

Installation menu locking

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

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.

Advanced EPG and channel list

The attractive EPG and channel list include intuitive buttons with clear guiding graphics to easily locate your favourite channels.

One combined channel list

One integrated channel list for digital and analogue channels. This allows the guest to flick seamlessly between Analogue and Digital channels.

Specifications

Ambilight

- Ambilight light system: LED-wide colour
- Dimming Function: Manual and via Light Sensor

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 1920 x 1080p
- Brightness: 450 cd/m²
- Picture enhancement: Active Control + Light sensor, Digital Noise Reduction, Luminance Transient Improver, Dynamic contrast enhancement, 100 Hz Clear LCD, HD Natural Motion
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H)/176° (V)
- Peak Luminance ratio: 65 %
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 4 trillion colours (14-bit RGB)

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-C MPEG4*, DVB-T MPEG4*, DVB-T2
- Video Playback: PAL, SECAM, NTSC

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Programme Name, Auto Programme Naming, Sorting, Cloning of TV settings via USB, Installation menu locking, Keyboard lock-out
- Ease of Use: Smart Picture, Smart Sound, 1 channel list analogue/digital, Programme List
- Clock: Sleep Timer
- Comfort: Hotel Guest features, Welcome message, Volume limitation
- Screen Format Adjustments: Movie expand 16:9, Widescreen, Super Zoom
- Multimedia: USB autobreak-in
- Electronic Programme Guide: 8-day Electronic Programme Guide, Now + Next EPG
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade

wizard, Firmware upgradeable via USB

Sound

- Output power (RMS): 2 x 12 W, Invisible Sound
- Sound System: Mono, Stereo, Nicam Stereo
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control

Connectivity

- Connectivity Enhancements: Serial Xpress interface
- Number of HDMI connections: 4
- EasyLink (HDMI-CEC): One touch play, System standby, Remote control pass-through, System audio control
- Front/Side connections: USB, HDMI
- Ext 1 Scart: Audio L/R, RGB, CVBS in
- Other connections: Headphone out, Antenna IEC75, Common Interface Plus (CI+), PC-in VGA + Audio L/R in
- Ext 2: YPbPr in

Power

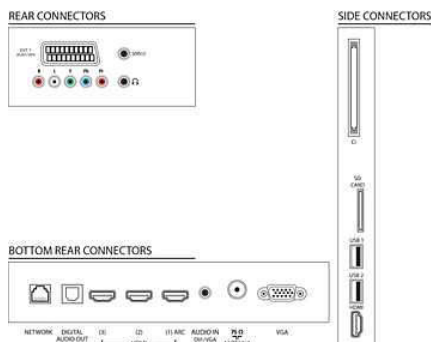
- Mains power: 220 - 240 V, 50/60 Hz
- Ambient temperature: 5°C to 40°C
- Standby power consumption: $\leq 0.15\text{ W}$
- Power consumption (typical): 84 W
- Off mode power consumption: ≤ 0.01
- Annual energy consumption: 122.64 kWh
- Presence of lead: Yes*

Accessories

- Included accessories: Remote Control, Tabletop swivel stand, Quick start guide, Warranty Leaflet
- Optional accessories: Set up remote 22AV8573/00

Dimensions

- Set Width: 992 mm
- Set Height: 586 mm
- Set Depth: 37.8 mm
- Product weight: 13 kg
- Set width (with stand): 922 mm
- Set height (with stand): 660 mm
- Set depth (with stand): 254 mm
- Product weight (+stand): 15.8 kg
- Box width: 1065 mm
- Box height: 693 mm
- Box depth: 158 mm



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- Weight incl. Packaging: 18.5 kg
- Wall-mount compatible: 400 x 400 mm

* Typical on-mode power consumption measured according to IEC62087 Ed 2.

* Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.