



Philips Econova
Designed with the future in
mind

107cm (42")

Full HD 1080p
digital TV

42PFL6805H



Designed with the future in mind

with solar powered Remote Control

Be captivated by a truly refined performance. An ultra thin design in high quality aluminium sets the scene for you to experience the brilliance of LED technology.

Picture and Sound

- Lifelike picture and sound for cinema experience at home.

Style

- Slim, thin and high quality, made of recycled aluminium

Greener every day

- Brilliant LED images with low power consumption
- 2-in-1 wallmount and TV stand avoids unnecessary accessories
- Solar rechargeable remote means never replace batteries
- 100% recyclable packaging for lowest environmental impact
- Zero watt power switch



NL/22/001



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Highlights

LED

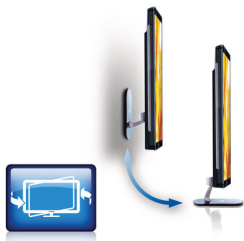


The most advanced LED lighting technology in this TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlight you can enjoy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

100% recyclable packaging

We use 100% recyclable packaging for the lowest environmental impact. A lot of detail and breakthrough innovation went into the design of this packaging. By eliminating polystyrene buffers and plastic bags, this TV makes yet another contribution to a more sustainable environment. In a highly innovative development for this size of TV, we only use paper and cardboard, so the complete pack can more easily be recycled.

2-in1 Stand and wallmount



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-mount fixation.

With simple mounting and smart leveling, you get the TV perfectly horizontal.

Slim, thin, recycled aluminium

This TV has one of the thinnest profiles in the market. It exudes quality with a state of the art ultraslim edge-lit LED display, and solid aluminium housing. Using high quality recycled aluminium, the pure appearance of the aluminium design is a living proof that sustainability and a superior high end product can go hand in hand. The aluminium used in the production has a recycling percentage of over 60%, far higher than standard aluminium.

Zero Watt power switch

Zero power consumption at a flick of the 0 Watt hard switch

Lifelike picture and sound

Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings the picture quality to the next level with 4 trillion colours with HD Natural Motion making all your movies fluently moving and razor sharp. With Super Resolution, Pixel Precise HD now brings you the best picture quality whether you are watching a video from the internet or good quality Blu-ray movies. The 20W speaker system with "clear sound" rounds off a cinema experience.

Solar Remote



With this solar powered rechargeable remote you never need to replace or dispose batteries again. Designed for maximum sustainability, the solar cells simply recharge the remote from daylight. Even in darker winter times there is no

need to worry: the built-in accumulator has a significant energy reserve to keep the remote going and keep you in control!



EU Eco Label

Philips eco-design process aims to create products that are increasingly eco-friendly. Our efforts have been recognized and

Philips has been awarded the EU Eco Label (Eco flower) on the majority of its models because of its high energy efficiency, ultra low standby powers (up to 50% less than the required EU Eco Label level), absence of hazardous substances (e.g. lead) and design for easier recycling.



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Philips Green Logo

Philips Green Products can reduce costs, energy consumption and CO2 emissions. How? They offer a significant environmental improvement in one or more of the Philips Green Focal Areas – Energy efficiency, Packaging, Hazardous substances, Weight, Recycling and disposal and Lifetime reliability.

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 380 cd/m²
- Dynamic screen contrast: 500000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display: edge LED backlight, LED Full HD
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel precise HD, Active Control + Light sensor, 100Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, MPEG artifact reduction, HD Natural Motion, Super Resolution, Color booster
- Screen enhancement: Anti-Reflection coated screen
- Peak Luminance ratio: 65 %
- Color processing: 4 trillion colors (14bit RGB)
- Color cabinet: Brushed Real Aluminium

Supported Display Resolution

- Computer inputs: up to 1920x1080 @ 60Hz
- Video inputs: up to 1920x1080p, 24, 25, 30, 50, 60 Hz

Sound

- Output power (RMS): 2 x 10 W, Invisible Sound
- Sound Enhancement: Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound

Convenience

- Ease of Installation: Channel installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, 2-in-1 Wallmount Stand
- Ease of Use: Onscreen Usermanual, Touch control buttons, Favorite program selection, Mozaic channel grid, One-stop experience button, One-stop Home button
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote Control: Solar powered rechargeable RC
- Screen Format Adjustments: Autofill (no black bars), Autozoom (original format), (includes 4:3, 14:9, 21:9), Super Zoom, Movie expand 16:9, Widescreen,

unscaled (1080p dot by dot)

- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware upgradeable via USB
- Multimedia: USB media browser

Multimedia Applications

- Picture Playback Formats: JPEG
- Music Playback Formats: MP3
- Video Playback Formats: Codec support:, H264/ MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4

Tuner/Reception/Transmission

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

Connectivity

- Number of HDMI connections: 4
- HDMI features: HDMI 1.4 with, Content Type, Deep Color, Audio Return Channel (HDMI 1)
- EasyLink (HDMI-CEC): One touch play, Pixel Plus link (Philips), Remote control pass-through, System audio control, System standby, Plug & play add to Homescreeen, Activity download (Philips), Auto subtitle shift (Philips), EasyLink
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 2
- Number of USBs: 1
- Other connections: Antenna F-type, Headphone out, PC-in VGA + Audio L/R in, S/PDIF out (coaxial), Common Interface Plus (CI+), Service connector, Antenna IEC75
- Summary: 4x HDMI, 1x USB, 2x SCART

Power

- Green label: ECO label certified
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Energy Label Class: A+
- Power consumption (typical): 46.0 W
- Standby power consumption: 0.07
- Off mode power consumption: < 0.01 W

- Annual energy consumption: 67.2 kW·h
- Presence of lead: Yes*
- Power Saving Features: 0 Watt Power-off switch, Light sensor, Eco mode, Picture mute (for radio), Auto switch-off timer, Eco settings menu

Dimensions

- Set dimensions (W x H x D): 991 x 605 x 43 mm
- Set dimensions with stand (H x D): 658 x 201 mm
- Stand width: 480 mm
- Product weight: 14,5 kg
- Product weight (+stand): 16,2 kg
- Box dimensions (W x H x D): 1200 x 786 x 160 mm
- VESA wall mount compatible: 200 x 200 mm

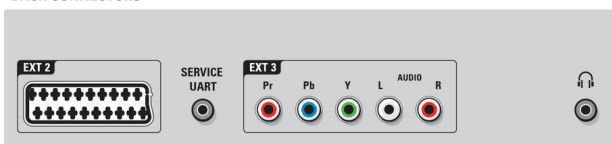
Accessories

- Included accessories: Power cord, Quick start guide, Legal and safety brochure, Charging cable USB A > Micro-B

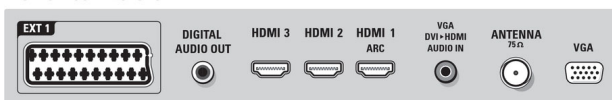
Sustainability

- Energy Efficiency: Lowest power in Ultra-thin TVs, Low power LED display, 60% less power vs predecessor, Ambient light sensor, Energy saving options, Solar rechargeable Remote
- Material: TV in >60% recycled Aluminium, Minimal component Architecture, 2 in 1 Stand avoids waste, Minimal industrial metal waste, Minimized internal cable
- Recycling and disposal: Designed for disassembly, Highest % recyclable content, packaging materials 100% paper
- Removal hazardous substances: Full Halogen & PVC free design
- Packaging: 100% paper monomaterials, 0% plastic used in packaging, Full cardboard cushions, Minimized dimensions
- User manual: No paper user manual, 28 languages E- user manual, Integrated E- user manual

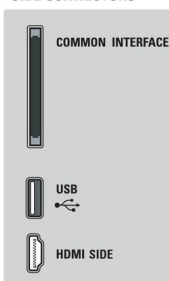
BACK CONNECTORS



BOTTOM CONNECTORS



SIDE CONNECTORS



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* 8 days EPG, service not available in all countries

* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.

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

* Annual energy consumption is calculated using the typical power consumption 4 hours per day, 365 days per year.

* 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.