

Philips
LED TV

107 cm (42")

Full HD 1080p
Design your TV

42PFL7605C



Design your own LED TV

to blend beautifully with your room

Design your own TV online (www.philips.com/design-your-TV) by choosing a frame colour, stand or wall mount and remote control. The TV has a 7000 LED-series picture and sound performance, Ambilight and Net TV.

Greener every day

- LED TVs up to 40% more energy efficient than normal LCD TVs

Design the TV the way you like it

- Design your own LED TV online
- Choose the colour of the frame that best fits your room
- Choose a wallmount/stand and a remote control

7000 LED-series performance

- Full HD TV with Pixel Precise HD for details in action
- 100 Hz LCD, 2 ms performance for superb motion sharpness
- Feel the power of 20 W RMS and Incredible Surround Sound
- Ambilight Spectra 2 widens the viewing experience
- Philips Net TV for popular online services on your TV

PHILIPS

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, on 2 sides of the TV, from the back of the screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light to match the picture, creating an immersive viewing experience. The wall adaptive function ensures that the colour of the light always matches the picture, no matter the colour of your wall. With Ambilight Spectra 2, movies truly come to life!

Pixel Precise HD

Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings the high definition picture quality to the next level with 4 trillion colours. With Super Resolution, Pixel Precise HD now brings you the best HD TV picture quality whether you are watching a video from the Internet or good quality Blu-ray movies.

100 Hz LCD, 2 ms response time

100 Hz 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.

20 W RMS Incredible Surround Sound

Feel the power of the music beat and the atmosphere of the movies. The powerful 20 W RMS (2 x 10 W RMS) amplifiers create a lifelike sound stage. Incredible Surround allows you to experience total surround with greater depth and width of sound complementary to the rich viewing experience.

Energy efficient LED

Using the latest LED backlight technology, LED-backlit TVs are a more sustainable choice, with a longer life and far lower energy consumption than plasmas and conventional LCD TVs. Unlike CCFL backlights, LEDs do not use mercury in their manufacture. In addition, Philips TV designs have constantly improved, resulting in higher material efficiency and reduced energy usage without compromising on safety and well-being.

Philips Net TV



Experience a rich selection of online services with Philips Net TV. Enjoy movies, pictures, infotainment and other Internet content directly on your TV whenever you like. Simply connect directly to your home network

through the Ethernet connection, and navigate and select what you want to watch with the remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA-certified PC network you can watch videos or access pictures stored on your computer using your remote control.

Customised wallmount or stand

Customise the TV with either the wallmounting bracket or base stand, and select a remote control of your choice to best fit your room.

Customised frame

Select the colour of the frame that best fits your room decor.

Design your own LED TV online



At Philips online (www.philips.com/design-your-tv) you can design the 7000-series LED TV in the way that best suits your (living) room. You can choose out of 2 screensizes (81 cm [32"] and 107 cm [42"]), 8 different colour options for your frame, a stand or a wall mount and 3 remote controls. The TV can only be bought online and will be delivered to your home free of charge within 3 weeks

Specifications

Ambilight

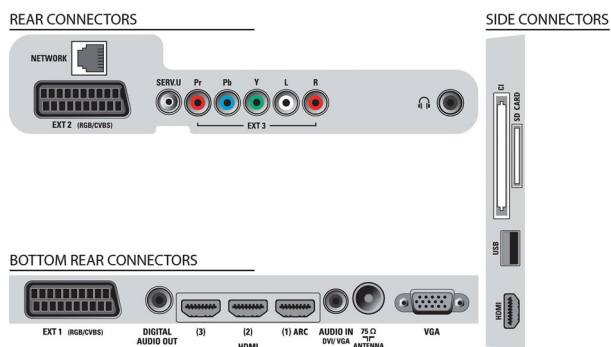
- Ambilight Features: Ambilight Spectra 2, Lounge light mode
- Ambilight Version: 2-sided
- Ambilight light system: LED-wide colour
- Dimming Function: Manual and via Light Sensor

Picture/Display

- Aspect ratio: Widescreen

- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: Customised to order
- Display: LCD Full HD, edge LED backlight
- Panel resolution: 1920 x 1080p
- Brightness: 450 cd/m²
- Picture enhancement: Pixel precise HD, Active Control + Light sensor, 100 Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement,

- Luminance Transient Improver, MPEG artefact reduction, HD Natural Motion, Super Resolution, Colour booster
- 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



Specifications

screen

- Colour processing: 4 trillion colours (14-bit RGB)

Supported Display Resolution

- Computer inputs: up to 1920 x 1080 @ 60 Hz
- Video inputs: up to 1920 x 1080p, 24, 25, 30, 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*, DVB-T MPEG4*, DVB-C MPEG4*
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

- Video Playback Formats: Codec support: H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, Containers: AVI, MKV
- Music Playback Formats: MP3, WMA (v2 up to v9.2), AAC
- Picture Playback Formats: JPEG
- Net TV: Included

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Channel installation wizard, Network installation wizard, Settings assistant wizard, Device connection wizard, Auto Programme Naming, Autoinstall, Programme Name, Sorting
- Ease of Use: Smart Picture, Smart Sound, On-screen User manual, EasyLink, Favourite programme selection, Mozaic channel grid, One-stop experience button, One-stop Home button
- Clock: Sleep Timer
- Screen Format Adjustments: Auto Format, Super Zoom, Movie expand 16:9, Widescreen, unscaled (1080p dot by dot)
- Multimedia: DLNA media Browser, Net TV services, USB media browser
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade

Sound

- Output power (RMS): 2 x 10 W, Invisible Sound
- Sound System: Mono, Nicam Stereo, Stereo
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Treble and Bass Control, Clear Sound

Connectivity

- Audio Output - Digital: Coaxial (cinch)
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel Plus link (Philips), Remote control pass-through, System audio control, System standby
- Front/Side connections: USB, Common Interface Slot (CI-CI+), SD-card (Videostore)
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- HDMI 2: HDMI v1.3
- Other connections: Headphone out, PC Audio in, Ethernet-LAN RJ-45
- HDMI 3: HDMI v1.3
- PC network link: DLNA 1.5 certified
- Ext 3: YPbPr, Audio L/R in
- Summary: 4 x HDMI, 1 x USB, 2 x SCART, 1 x Ethernet, Wi-Fi ready
- VGA-in: PC input, D-sub 15
- HDMI Side: HDMI v1.3

Power

- Mains power: 220 - 240 V, 50/60 Hz
- Ambient temperature: 5°C to 40°C
- Standby power consumption: < 0.15 W
- Power consumption (typical): 91 W
- Power Saving Features: 0 Watt Power-off switch, Light sensor, Eco mode, Picture mute (for radio), Auto switch-off timer
- Off mode power consumption: < 0.01
- Annual energy consumption: 132.86 kWh
- Presence of lead: Yes*

Accessories

- Included accessories: Quick start guide, Registration card, Warranty Leaflet, Remote Control, 2 x AAA Batteries, Safety/legal instructions, Software declaration
- Optional accessories: Tabletop Stand with Swivel, Wall mounting bracket, Wireless USB adapter (PTA01)

Dimensions

- Set Width: 1011 mm
- Set Height: 618.2 mm
- Set Depth: 41.5 mm
- Product weight: 16.5 kg
- Set width (with stand): 1011 mm
- Set height (with stand): 665.5 mm
- Set depth (with stand): 242 mm
- Product weight (+stand): 19.5 kg
- Box width: 1183 mm
- Box height: 716 mm
- Box depth: 158 mm
- Compatible wall mount: 200 x 200 mm



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EAN: 87 12581 55946 5

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www.philips.com

* 8 days EPG, service not available in all countries

* Net TV: Visit www.philips.com/smarttv to discover the services available in your country.

* 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.

* 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.