



Philips 7000 LED series
LCD TV with Ambilight
Spectra 2 and Pixel Precise
HD

37"

Full HD 1080p digital TV



37PFL7605H

Be part of the action!

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 you are always part of the action.

Enlarge your viewing experience

- Ambilight Spectra 2 widens the viewing experience

Action captured in stunning detail

- Full HD TV with Pixel Precise HD for details in action
- Brilliant LED images with low power consumption
- 100Hz LCD, 2ms performance for superb motion sharpness
- HD Natural Motion for ultra smooth motion in Full HD movies

Impressive, invisible sound

- Feel the atmosphere with 20W RMS and Incredible Surround

Connect and enjoy the online world

- Net TV for popular online services on your TV
- DLNA PC Network link to browse PC and Home network content

Greener every day

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

PHILIPS

sense and simplicity

LCD TV with Ambilight Spectra 2 and Pixel Precise HD
37" Full HD 1080p digital TV

Highlights

Ambilight Spectra 2

Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light surrounding the TV to match with the picture, creating an immersive viewing experience. 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 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.

LED



LED lighting technology is the most advanced available. In this TV it combines an eye-catching minimalistic design with stunning image quality and on top the lowest power consumption in its category. An other environmental benefit is

that LED lighting technology does not contain hazardous materials. With LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

100Hz LCD, 2ms response time

100Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. It 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 (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.

20W RMS Incredible Surround

Feel the power of the music beat and the atmosphere of the movies. The powerful 20W RMS (2x10W RMS) amplifiers create a lifelike soundstage. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

37PFL7605H/12

Net TV



Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your TV directly to your home network through the ethernet connection, and navigate and select what you want to watch with the TV 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 TV remote control.

Energy efficient LED

Up to 40% more energy efficient than conventional flat TVs. Using the latest LED backlight technology, LED-backlit TVs are considered 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 improved generation after generation resulting in an increase in material efficiency and a reduction in energy usage without compromising on safety and wellbeing. That's good news for you today - your children tomorrow.



Pixel
Precise HD



NetTV



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Dynamic screen contrast: 500,000 : 1
- Response time (typical): 2 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel precise HD, Active Control + Light sensor, Color Enhancement, 100Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, MPEG artifact reduction, HD Natural Motion, Super Resolution
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 4 trillion colors (14bit RGB)

Ambilight

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

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz

Video formats

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

- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound
- Sound System: Mono, Nicam Stereo, Stereo

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Channel installation wizard, Network installation wizard, Settings assistant wizard, Device connection wizard, Auto Program Naming, Autoinstall, Fine Tuning, Program Name, Sorting
- Ease of Use: On Screen Display, Smart Picture, Smart Sound, Connectivity assistant, Demo mode, Onscreen Usermanual, EasyLink, One-stop Home button, Mozaic channel grid, One-stop experience button
- Electronic Program Guide: Now + Next EPG*
- Screen Format Adjustments: Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1000 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Multimedia: auto slideshow, USB autobreak-in, DLNA media Browser, Internet browser, Net TV services, USB media browser

Multimedia Applications

- Multimedia connections: Ethernet-UTP5, USB
- Picture Playback Formats: JPEG
- Music Playback Formats: MP3, WMA (v2 up to v9.2), AAC
- Video Playback Formats: Codec support: H264/ MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, Containers: AVI, MKV

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *, DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), Pixel Plus link, Remote control pass-through, System audio control
- Front / Side connections: HDMI v1.3, USB
- Other connections: Ethernet, Headphone out, PC Audio in, PC-In VGA, Common Interface Plus (CI+)
- Audio Output - Digital: Coaxial (cinch)
- PC network link: DLNA 1.5 certified

Power

- Ambient temperature: 5 °C to 40 °C
- Mains power: 220 - 240V, 50/60Hz
- Power consumption (typical): 73 W
- Standby power consumption: 0.15 W
- Power Saving Features: Light sensor, Eco mode

Dimensions

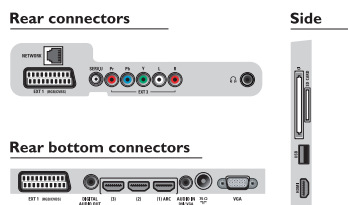
- Set dimensions (W x H x D): 898 x 554 x 42 mm
- Set dimensions with stand (W x H x D): 898 x 602 x 242 mm
- Weight incl. Packaging: 17.2 kg
- Product weight: 12 kg
- Product weight (+stand): 15 kg
- Box dimensions (W x H x D): 1078 x 642 x 158 mm
- Color cabinet: Silver-brushed deco-front with black cabinet
- VESA wall mount compatible: 200 x 200 mm

Accessories

- Included accessories: Tabletop swivel stand, Quick start guide, Registration card, Warranty Leaflet, Remote Control, 2 x AAA Batteries, Safety/legal instructions, Software declaration
- Optional accessories: Wireless USB adaptor (PTA01)

Sound

- Output power (RMS): 20W



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* 8 days EPG, service not available in all countries

* DVB-T, supported in selected countries only

* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.

* Net TV, service offering is dependent on country and subject to terms of use.