



Philips
LCD TV with Digital
Crystal Clear

107cm (42")
Full HD 1080p

42PFL3605



Enjoy a great TV night - guaranteed

with Full HD images & superb sound

Experience great picture and sound quality with the Full HD 1080p display on the Philips 42PFL3605 LCD TV. So easy to enjoy, with high quality standard, you can be sure that you make the right choice with this Philips 107 cm/42" Full HD TV.

A clear, vivid LCD picture everytime

- Full HD TV with Digital Crystal Clear for depth and clarity
- Dynamic contrast 50000:1 for incredible rich black details
- 28.9 billion colors for brilliant natural images

Rich and clear sound.

- Feel the power of 20W RMS and Incredible Surround

Complete connectivity made simple

- Seamless connectivity with 2 HDMI inputs and Easylink
- Enjoy photo and music playback via USB
- PC-input allows you to use your TV as a PC monitor

PHILIPS

LCD TV
107cm (42") Full HD 1080p

42PFL3605/12

Highlights

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. The result is extremely clear pictures from any source.

Dynamic contrast ratio 50000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

28.9 billion colors



28.9 billion colours



Vibrant and natural images from the most advanced color processing. The 3 color channels (RGB) are optimized for a total processing power of 28.9 billion colors. The advanced algorithms detect even the subtlest shades and skin tones, creating the best color possible.

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 sound stage. Incredible Surround allows you to experience total surround with greater depth and width of sound complementary to the rich viewing experience.

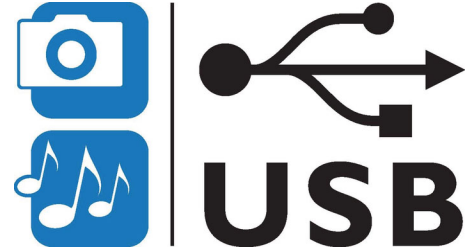
2 HDMI inputs with Easylink



HDMI is a single cable to carry both picture and audio signals from your devices to your

TV, avoiding cable clutter. It carries uncompressed signals, ensuring the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system.

USB for photo & music playback



The USB connector allows access to jpeg photos and mp3 music of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your photos and music.

PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 400 cd/m²
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display: LCD Full HD
- Panel resolution: 1920x1080p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Color Enhancement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast enhancement, Sharpness Adjustment, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, 5 ms, 50 Hz
- Screen enhancement: Semi-glare
- Peak Luminance ratio: 65 %

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 720	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz

Video formats

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

Sound

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

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake Up Timer
- Connection Enhancement: Easy link

- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveler (AVL), On Screen Display, Side Control, Smart Picture, Smart Sound, EasyLink
- Remote Control: TV
- Screen Format Adjustments: 4:3, Auto Format, Super Zoom, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Widescreen
- Teletext: 1000 page Smart Text

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, JPEG Still pictures

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'
- Video Playback: NTSC, SECAM, PAL
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, RGB
- Ext 2 Scart: Audio L/R, CVBS in
- Number of Scarts: 2
- Ext 3: YPbPr, Audio L/R in
- HDMI 1: HDMI v1.3
- Front / Side connections: HDMI v1.3, CVBS in, Audio L/R in, USB 2.0
- Other connections: Audio constant level out, PC Audio in, PC-In VGA
- EasyLink (HDMI-CEC): One touch play, System info (menu language), EasyLink, System audio control, System standby

Power

- Ambient temperature: 5 °C to 35 °C
- Mains power: 220-240V; 50Hz
- Power consumption (typical): 125 W
- Standby power consumption: 1W
- Annual energy consumption: 284.7 kW h
- Presence of lead: Yes*
- Mercury content: 72 mg

Dimensions

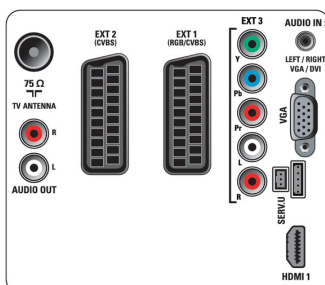
- Compatible wall mount: adjustable 300 x 200mm

- Set dimensions (W x H x D): 1018.5 x 635.7 x 83 mm
- Set dimensions with stand (W x H x D): 1018.5 x 683 x 236 mm
- Weight incl. Packaging: 17.4 kg
- Product weight: 11.5 kg
- Product weight (+stand): 12.8 kg
- Box dimensions (W x H x D): 1220 x 746 x 158 mm

Accessories

- Included accessories: Table top stand, Power cord, Quick start guide, User Manual, Warranty Leaflet, Remote Control, 2 x AAA Batteries

Rear connectors



Side



Issue date 2020-05-07

Version: 7.4.5

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* 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.