



Philips
LCD TV with Pixel Plus
HD

117cm/46" class
Full HD 1080p
digital TV



46PFL3706

Affordable performance

Great picture, great sound, great design

Regardless of what you are watching - experience great picture and sound performance with your Philips TV. A functional design makes this TV the perfect choice for any room of your house.

See vivid and razor sharp pictures

- Pixel Plus HD for better details, depth and clarity
- Full HD LCD display, with a 1920x1080p resolution

Easy to connect and enjoy

- 3 HDMI inputs with Easylink for a full HD connection
- Enjoy photo and music playback via USB
- PC-input allows you to use your TV as a PC monitor



PHILIPS

Highlights

Pixel Plus HD



Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural, and real. The result means superbly life-like pictures with incredible details and depth from any HD source.

Full HD LCD display 1920x1080p



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

3 HDMI inputs with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With

Easylink only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 2 HDMI inputs on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.

PC input (HDMI and VGA)

With PC input you can use your TV as a PC monitor either using a HDMI-DVI cable/ converter (for digital signals) or VGA cable (for analog signals).

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.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 430 cd/m²
- Contrast ratio (typical): 4500:1
- Response time (typical): 8 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 46 inch / 117 cm
- Visible screen diagonal (inch): 46.0 inch
- Visible diagonal screen size: 116.8 cm
- Panel resolution: 1920x1080p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Comfilter, Digital Noise Reduction, Dynamic contrast enhancement, Progressive scan, Pixel precise HD

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1400 x 1050	60Hz
1440 x 900	60 Hz
1680 x 1050	60Hz
1920 x 1080	60Hz

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	60Hz

Sound

- Equalizer: 5-bands
- Output power (RMS): 20W
- Sound Enhancement: Incredible Surround
- Sound System: Dolby Digital (AC-3), Stereo, SAP

Loudspeakers

- Built-in speakers: 2

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Autostore

- Ease of Use: Auto Volume Leveller (AVL), Channel list, Settings assistant Wizard, Side Control
- Remote Control: TV
- Screen Format Adjustments: 4:3, 16:9, Movie Expand, Normal, Zoom, Full, Wide, unscaled (dot by dot)

Multimedia Applications

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

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Tuner bands: UHF, VHF

Connectivity

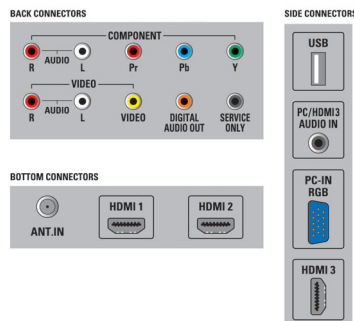
- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, CVBS in
- HDMI 1: HDMI
- HDMI 2: HDMI
- HDMI 3: HDMI, Audio in
- USB: USB
- Audio Output - Digital: Coaxial (cinch)
- Other connections: PC Audio in, PC-In VGA, Service connector
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), System audio control, System standby

Power

- Ambient temperature: 5°C to 35°C (41°F to 95°F)
- Mains power: 120V/60Hz
- Standby power consumption: < 0.15W
- Power consumption: 217 W

Dimensions

- Set dimensions in inch (W x H x D): 44.11 x 27.10 x 4.33 inch
- Set dimensions with stand in inch (W x H x D): 44.11 x 28.52 x 10.08 inch
- Box dimensions in inch (W x H x D): 51.57 x 31.54 x 8.03 inch
- Product weight (lb): 43.65 lb
- Product weight (+stand) (lb): 50.04 lb
- Weight incl. Packaging (lb): 61.95 lb
- VESA wall mount compatible: 400 x 400 mm



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Version: 3.2.3

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