



Philips 3000 series
LCD TV with Pixel Plus 3
HD

46" class

Full HD 1080p digital TV



46PFL3705D

Enjoy a great TV night - guaranteed

with an Eco TV™

Philips selected for you the best performance and connectivity for the right price, today and tomorrow. This TV delivers FULL HD pictures with incredible surround sound experience, which let's you live the moment as if you were there...

See vivid and razor sharp pictures

- 120Hz Clear LCD, 2ms performance for superb motion sharpness
- Full HD LCD display, with a 1920x1080p resolution
- Pixel Plus 3 HD for most sharp and clear pictures
- Digital Natural Motion for smooth moving images

Hear crisp and clear sound

- Dolby Digital output for connection to a home theatre system

Easy to connect and enjoy

- 3 HDMI inputs with Easylink for a full HD connection
- Enjoy photo and music playback via USB
- PC input (HDMI)

Greener every day

- Energy Star for energy efficiency and low power consumption

PHILIPS

sense and simplicity

Highlights

Pixel Plus 3 HD

Pixel Plus 3 HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clean and razor sharp.

120Hz Clear LCD (2ms)

120Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 120Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in 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.

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.

Digital Natural Motion

Philips invented Digital Natural Motion to minimise 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.

Dolby Digital output

Dolby Digital output for connection to a home theatre system

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.

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 your photos or music files using the easy on screen content browser. You can now easily view and share your photos and music.

PC input (HDMI)

With PC input you can use your TV as a PC monitor via a HDMI-DVI cable/converter.

Energy Star

Energy Star-labeled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power while in standby mode. As an Energy Star partner, Philips develops products that meet the Energy Star guidelines for energy efficiency. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 400 cd/m²
- Contrast ratio (typical): 5000:1
- Dynamic screen contrast: 80,000:1
- Response time (typical): 2 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: Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Digital Noise Reduction, Dynamic contrast enhancement, Progressive scan

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, S-Video
- AV 3: Audio L/R in, CVBS in, S-Video in
- Audio Output - Digital: Coaxial (cinch)
- HDMI 1: HDMI, Analog audio L/R in
- HDMI 2: HDMI
- HDMI 3: HDMI
- Other connections: Analog audio Left/Right out
- USB: USB
- 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: < 0.1W
- Power consumption: 228 W

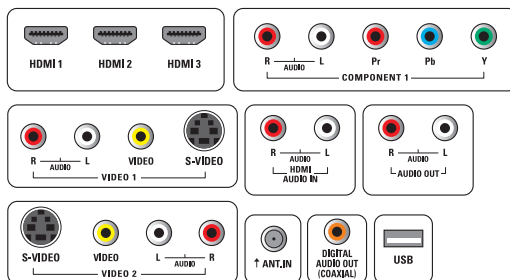
Dimensions

- Set dimensions in inch (W x H x D):
44.34 x 26.80 x 4.31 inch
- Set dimensions with stand in inch (W x H x D):

- 44.34 x 29.33 x 11.22 inch
- Box dimensions in inch (W x H x D):
55.91 x 31.69 x 10.63 inch
- Product weight (lb): 47.66
- Product weight (+stand) (lb): 55.12 lb
- Weight incl. Packaging (lb): 65.04
- VESA wall mount compatible: 400 x 400 mm

Accessories

- Included accessories: Table top stand, Power cord, Quick start guide, User Manual, Registration card, Remote Control, Batteries for remote control



Issue date 2010-05-18

Version: 1.2.2

12 NC: 8670 000 60516
UPC: 6 09585 18620 0

© 2010 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com

