



Philips
LCD TV with Pixel Plus
HD

Full HD 1080p
digital TV

42PFL3704D



Clearly the smart choice

Designed for ease of use, this Flat TV features modern design, 3 HDMI connections, a powerful 1080p display and brilliant Pixel Plus HD engine. Making the smart choice in total picture quality has never been easier.

See brilliant picture quality

- Dynamic contrast for incredible rich black details
- Full HD LCD display, with a 1920x1080p resolution
- Pixel Plus HD for better details, depth and clarity

Hear crisp and clear sound

- 2x10W RMS audio power
- Dolby Digital output for connection to a home theatre system
- Virtual Surround Sound for enhanced sound

Easy to connect and enjoy

- Enjoy photo and music playback via USB
- 3 HDMI inputs with Easylink for a full HD connection
- Settings assistant for effortless personalized TV settings

Ready for digital

- ATSC & QAM tuner receives over the air and unscrambled cable

PHILIPS
sense and simplicity

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.

Dynamic contrast

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.

Virtual surround sound

Virtual surround sound creates additional audio channels for a theater-like audio experience.

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.

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.

Settings assistant

Settings assistant for effortless personalized TV settings. The new settings assistant personalisation wizard guides you to personalised settings with unparalleled ease. It includes not only picture, but the complete viewing experience, including sound and Ambilight settings. The wizard shows a few screens with easy to choose options to select the essential settings. The TV performance is set to the your personal preference without difficult terms or settings, and this very quickly.

Built-in ATSC & QAM tuner

Built-in ATSC & QAM tuner for reception of over-the-air and unscrambled HD cable programs



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 29000:1
- Response time (typical): 6.5 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 42 inch / 107 cm
- Visible screen diagonal (inch): 42.02 inch
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus 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
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1440 x 900	60 Hz
1680 x 1050	50Hz, 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): 2 x 10W
- Sound Enhancement: Virtual Surround Sound
- 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, PLL Digital Tuning

- Ease of Use: Auto Volume Leveller (AVL), AutoPicture, AutoSound, Settings assistant Wizard, Side Control
- Remote Control: TV
- Screen Format Adjustments: 4:3, Movie expand 16:9, Widescreen

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
- Cable: Unscrambled Digital Cable -QAM
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

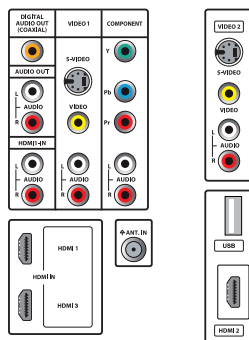
- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, CVBS in, S-Video
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, USB
- Audio Output - Digital: Coaxial (cinch)
- Other connections: Analog audio Left/Right out
- HDMI 1: HDMI v1.3, Analog audio L/R in
- HDMI 2: HDMI v1.3
- EasyLink (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
- Power consumption: tbc W
- Standby power consumption: < 0.5 W

Dimensions

- Set dimensions in inch (W x H x D): 40.39 x 26.54 x 3.48 inch
- Set dimensions with stand in inch (W x H x D): 40.39 x 28.54 x 9.92 inch
- Weight incl. Packaging (lb): 63.27
- Product weight (lb): 46.52
- Product weight (+stand) (lb): 49.6 lb
- Box dimensions in inch (W x H x D): 46.26 x 32.60 x 9.65 inch
- VESA wall mount compatible: 200 x 200 mm



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Version: 3.13.3

12 NC: 8670 000 48323
UPC: 6 09585 16378 2

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Accessories

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