



Philips
LCD TV with Pixel Precise
HD

Full HD 1080p
digital TV

42PFL6704D



Be part of the action

Experience brilliant performance with a breathtaking full HD 1080p, 120Hz display. Combined with HD Natural Motion and exciting invisible sound, this Flat TV ensures you're always part of the action.

See every detail of the action

- Pixel Precise HD for extremely sharp and clear pictures
- 120Hz Clear LCD, 2ms performance for superb motion sharpness
- Full HD LCD display, with a 1920x1080p resolution
- HD Natural Motion for ultra smooth motion in Full HD movies
- Dynamic contrast 50000:1 for incredible rich black details

Hear exciting and powerful sound

- Dolby Digital output for connection to a home theatre system
- Invisible speakers with incredible surround

Easy to connect and enjoy

- 4 HDMI inputs with Easylink for a full HD connection
- USB for fantastic multimedia playback
- 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 Precise HD

Pixel Precise HD builds on the award winning Pixel Plus foundation. Taking picture quality to the next level with 69 billion colors, making all your movies vibrant 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.

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.

Dolby Digital output

Dolby Digital output for connection to a home theatre system

4 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 3 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 (multimedia)

The USB connector allows access to jpeg photos, mp3 music and video files 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 videos, photos and music.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Viewing angle: 178° (H) / 178° (V)
- Brightness: 500 cd/m²
- Panel resolution: 1920x1080p
- Dynamic screen contrast: 50000:1
- Response time (typical): 2 ms
- Diagonal screen size: 42 inch / 107 cm
- Picture enhancement: Pixel precise HD, HD Natural Motion, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Dynamic contrast enhancement, Progressive scan, 120Hz LCD
- Visible screen diagonal (inch): 42.02 inch

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
1920 x 1080	60Hz

Video formats

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

Sound

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

Loudspeakers

- Built-in speakers: 2

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: On main display, Sleep Timer
- Ease of Installation: Autostore
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Channel list, Settings assistant Wizard, Side Control

- Remote Control: TV
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen, unscanned (1080p dot by dot)

Multimedia Applications

- Multimedia connections: USB memory class device
- Playback Formats: MP3, JPEG Still pictures, DivX 3.11, DivX 5, MPEG2, XviD, H.264/MPEG-4 AVC

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, YPbPr
- AV 3: Audio L/R in, CVBS in, S-Video in
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: Analog audio L/R in, HDMI v1.3
- Audio Output - Digital: Coaxial (cinch)
- Other connections: Analog audio Left/Right out
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), Remote control pass-through, System audio control, System standby
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone Out, USB

Power

- Ambient temperature: 0 °C to 35 °C
- Mains power: 110-240V, 50-60Hz
- Power consumption: 210 W
- Standby power consumption: < 0.15 W

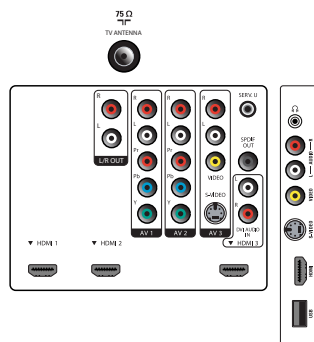
Dimensions

- Set dimensions in inch (W x H x D): 39.21 x 23.72 x 3.46 inch
- VESA wall mount compatible: 400 x 400 mm
- Set dimensions with stand in inch (W x H x D): 39.21 x 25.80 x 10.24 inch
- Weight incl. Packaging (lb): 52.91
- Product weight (lb): 38.36
- Product weight (+stand) (lb): 44.09 lb
- Box dimensions in inch (W x H x D):

47.36 x 26.85 x 10.47 inch

Accessories

- Included accessories: Tabletop swivel stand, Power cord, Quick start guide, User Manual, Registration card, Remote Control



Issue date 2012-01-20

Version: 1.8.3

12 NC: 8670 000 53253
UPC: 6 09585 17244 9

© 2012 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