



Philips
LCD TV with Pixel Plus
HD

132 cm (52")

Full HD 1080p

52PFL3603D



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

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

Hear crisp and clear sound

- Incredible Surround for enhanced audio enjoyment
- Dolby Digital output for connection to a home theatre system
- 20 watt with BBE for powerful sound and great voice clarity

Easy to connect and enjoy

- 3 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV & connected device via HDMI CEC
- 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.

Incredible Surround

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

Dolby Digital output

Dolby Digital output for connection to a home theatre system

3 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen for

the ultimate picture quality. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources and includes digital audio. 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. Your TV is fully prepared for the HD future.

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. EasyLink uses the standard HDMI cable to transfer system commands. It works between all electronic devices equipped with HDMI CEC.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 33000:1
- Response time (typical): 5 ms
- Viewing angle: 160° (H) / 160° (V)
- Diagonal screen size: 52 inch / 132 cm
- Visible screen diagonal (inch): 52.04 inch
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, 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
1920 x 1080i	60Hz
1920 x 1080p	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), BBE

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
- Playback enhancement: Picture slideshow

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

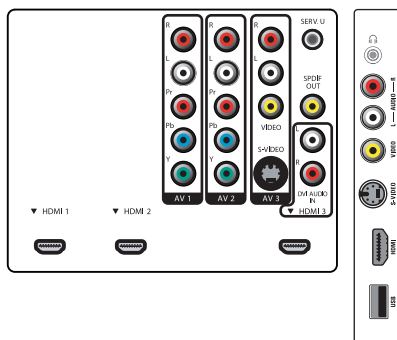
- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in, S-Video in
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: Analog audio L/R in, HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), System standby
- Front / Side connections: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

Power

- Ambient temperature: 5 °C to 40 °C
- Mains power: 110-240V, 50-60Hz
- Power consumption: 340 W
- Standby power consumption: < 1 W

Dimensions

- Set dimensions in inch (W x H x D): 50.75 x 32.48 x 4.57 inch
- Set dimensions with stand in inch (W x H x D): 50.75 x 34.65 x 12.80 inch
- Weight incl. Packaging (lb): 111.22
- Product weight (lb): 100.97 (with stand), 85.10 (without stand)
- Box dimensions in inch (W x H x D): 56.02 x 36.10 x 15.91 inch
- VESA wall mount compatible: 400 x 400 mm



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Accessories

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