



Philips
Flat TV with Pixel Plus HD

32"

LCD HD Ready

32PFL5403



Brilliant design, powerful performance.

Panache and performance meet in one stylish experience. Combining a HD Ready 768p display, Pixel Plus HD engine and fantastic invisible sound, this Flat TV ensures brilliant design and powerful performance for years to come.

Vivid and razor sharp pictures

- Pixel Plus HD for better details, depth and clarity
- HD LCD display, with a 1366 x 768p resolution
- 28.9 billion colors for brilliant natural images
- Dynamic contrast 26000:1 for incredible rich black details

Pure and powerful sound

- Invisible speakers with incredible surround
- Incredible Surround for enhanced audio enjoyment
- BBE for superior sound clarity
- 2 x 15W RMS audio power

Connect, install and enjoy

- 2 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV & connected device via HDMI CEC
- PC-input allows you to use your TV as a PC monitor
- Smart mode selects a perfect mode for what you are watching



PHILIPS

sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** Widescreen
- **Brightness:** 500 cd/m²
- **Dynamic screen contrast:** 26000:1
- **Response time (typical):** 8 ms
- **Viewing angle:** 178° (H) / 178° (V)
- **Diagonal screen size:** 32 inch / 81 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Panel resolution:** 1366 x 768p
- **Picture enhancement:** Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Contrast Plus, Digital Noise Reduction, Dynamic contrast enhancement, Jagged Line Suppression, Luminance Transient Improver, Progressive Scan
- **Screen enhancement:** Anti-Reflection coated screen

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75, 85Hz
720 x 400	70Hz
800 x 600	60, 72, 75, 85Hz
1024 x 768	60, 70, 75, 85Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50Hz, 60Hz
1080p	24Hz, 25Hz, 30 Hz

Sound

- **Equalizer:** 7-bands
- **Output power (RMS):** 2 X 15W
- **Sound Enhancement:** Auto Volume Leveller, Graphic Equaliser, Incredible Surround
- **Sound System:** Stereo, BBE, SAP

Loudspeakers

- **Built-in speakers:** 2

Convenience

- **Child Protection:** Child Lock+Parental Control
- **Clock:** On main display, Sleep Timer, Wake Up Timer
- **Connection Enhancement:** Easy link
- **Convenience Enhancements:** Closed Captioning (analog), Vchip and parental lock
- **Ease of Installation:** Auto Program Naming,

Autostore, Fine Tuning, PLL Digital Tuning, Program Name, Sorting

- **Ease of Use:** 8 channel smart surf list, Auto Volume Leveller (AVL), On Screen Display, Program List, Side Control, Closed Captioning Full Text
- **On-Screen Display languages:** English, Portuguese, Spanish
- **Remote Control:** TV
- **Remote control type:** PF04L08B
- **Screen Format Adjustments:** 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Signal strength indication
- **Smart mode:** Game, Movie, Personal, Power saver, Sports, Standard

Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm F-type
- **TV system:** NTSC M, PAL N, PAL M
- **Video Playback:** NTSC, SECAM, PAL (all versions)
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **Number of Preset Channels:** 125
- **Tuner Display:** PLL

Connectivity

- **AV 1:** Audio L/R in, YPbPr
- **AV 2:** Audio L/R in, YPbPr
- **AV 3:** Audio L/R in, CVBS in
- **HDMI 1:** HDMI v1.3
- **HDMI 2:** HDMI v1.3
- **HDMI-control (CEC features):** One touch play, System info (menu language), System standby
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in
- **Other connections:** PC-in VGA + Audio L/R in, S/PDIF out (coaxial)

Power

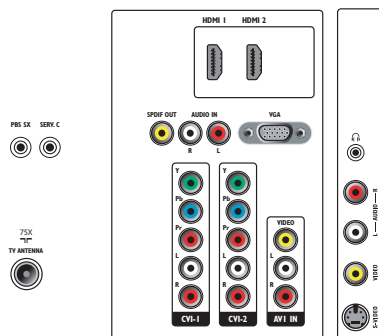
- **Ambient temperature:** 5 °C to 40 °C
- **Mains power:** 100-240V, 50/60Hz
- **Power consumption:** 130 W
- **Standby power consumption:** typ. 0.165W

Dimensions

- **Set dimensions (W x H x D):** 819 x 518 x 92 mm
- **Set dimensions with stand (W x H x D):** 819 x 579 x 220 mm
- **Weight incl. Packaging:** 21 kg
- **Product weight:** 14.5 kg
- **Product weight (+stand):** 18 kg
- **Box dimensions (W x H x D):** 918 x 629 x 255 mm
- **VESA wall mount compatible:** 200 x 300 mm

Accessories

- **Included Accessories:** Tabletop swivel stand, Power cord, Quick start guide, User Manual, Remote Control, Batteries for remote control





Product highlights

Pixel Plus HD

Pixel Plus HD is a picture processing technology that enables viewer to watch contents that are vivid, natural and real. The result is a superbly razor sharp pictures with incredible details and depth from any HD source.

LCD display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Dynamic contrast ratio 26000:1

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.

Invisible speakers

An invisible sound system that blends perfectly with the design of the cabinet. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

BBE

BBE high definition sound is the core sound enhancement technology (licensed by BBE Sound) that will enable you to experience real natural music, speech intelligibility with rich and clear audible vocals.

2 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. 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.

PC input (HDMI+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).

Smart mode

The optimum picture and sound depends on various aspects like the video source, content type, surroundings of the room, type of display device etc. Smart Mode has predefined picture and sound settings conveniently preset by the way you use your TV. The 'Personal' setting, allows you to define the picture settings according to your preference, store it and gain easy access for future selection. All these conveniently built into your TV for optimal settings.



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* For a maximum picture quality without distortion it is necessary a high quality digital signal in widescreen format or to use a signal converter/decoder. Static images can damage the quality of the screen.