



Philips
LCD TV

81 cm (32")
DVB-T

32PFL7403D



Be part of the action.

Experience brilliant performance with a breathtaking HD ready, 100Hz display. Combined with a powerful Pixel Plus 3HD engine, HD Natural Motion and exciting invisible sound, this Flat TV ensures you're always part of the action.

Connect, install and enjoy

- Enjoy photo and music playback via USB
- 4 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV & connected device via HDMI CEC

See every detail of the action

- Pixel Plus 3 HD for most sharp and clear pictures
- HD LCD display, with a 1366 x 768p resolution
- HD Natural Motion for ultra smooth motion in Full HD movies
- 100Hz LCD, 3ms performance for superb motion sharpness
- 4 trillion colors processing for vivid and brilliant images
- Dynamic contrast 40000:1 for incredible rich black details

Ready for digital

- Integrated Digital Tuner for DVB-T reception

Exciting and powerful sound

- Virtual Dolby Digital for a true life audio experience

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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.

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.

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.

100Hz LCD (3ms)

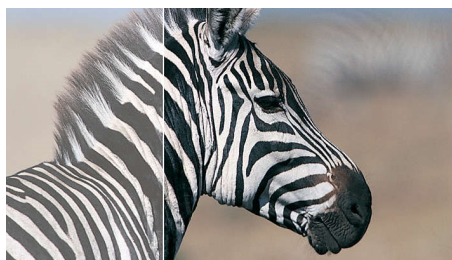


100Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

4 trillion colors processing

Vibrant and natural images from most advanced color processing. The 3 color channels (RGB) are optimized using 14 bit resolution, a total processing power of 4 trillion colors. It produces vibrant colors while retaining excellent sharpness. The advanced algorithms detect subtle color shades and skin tones, and processes these to give most natural colors.

Dynamic contrast ratio 40000:1



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

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rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

Integrated Digital DVB-T tuner

The integrated DVB-T tuner lets you receive Digital Terrestrial TV. This means you do not need an additional set top box nor the additional cables.

Virtual Dolby Digital

Virtual Dolby Digital is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television 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.

4 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 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. Your TV is fully prepared for the HD future.

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 32 inch
- Diagonal screen size (metric): 81 cm
- Color cabinet: High gloss black deco front with black cabinet
- Panel resolution: 1366 x 768p
- Brightness: 500 cd/m²
- Picture enhancement: Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Enhancement, Color Transient Improvement, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, 100Hz LCD, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, Double frame rate, HD Natural Motion
- Display screen type: LCD WXGA Active Matrix TFT
- Dynamic screen contrast: 40000:1
- Response time (typical): 3 ms
- Viewing angle: 176° (H) / 176° (V)
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60, 72, 75, 85Hz, 800 x 600, 60, 72, 75, 85Hz, 1024 x 768, 60, 70, 75, 85Hz, Via HDMI/DVI input,
- Video formats: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 24, 50, 60Hz, 1080p, 24, 25, 30Hz

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Digital TV: DVB Terrestrial *
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: 4 favorite lists, Auto Volume Leveller

- (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- Clock: Sleep Timer, Wake up Clock
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Electronic Program Guide: Now + Next EPG, 8 day Electronic Program Guide
- Remote Control: TV
- Remote control type: RCPF02E08B
- Teletext: 1200 page Hypertext
- Picture in Picture: Text dual screen
- Teletext enhancements: 4 favourite pages, Program information Line
- Smart mode: Movie, Standard, Vivid

Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 15W
- Sound System: Nicam Stereo, Virtual Dolby Digital, BBE
- Sound Enhancement: Auto Volume Leveler, Graphic Equaliser

Connectivity

- EasyLink (HDMI-CEC): One touch play, System standby
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone Out, USB
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Other connections: Analog audio Left/Right out, PC Audio in, S/PDIF out (coaxial), Common Interface
- Ext 3: YPbPr, Audio L/R in
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3

Power

- Mains power: 220 - 240V, 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Power consumption: 140 W
- Standby power consumption: 0.15 W

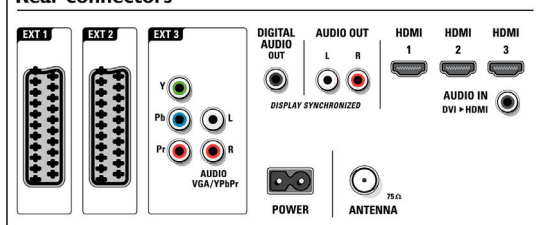
Accessories

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

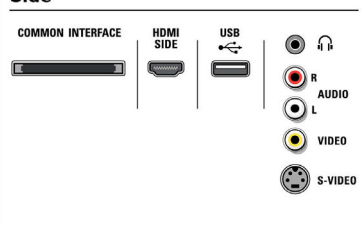
Dimensions

- Set Width: 819 mm
- Set Height: 518 mm
- Set Depth: 95 mm
- Product weight: 13 kg
- Set width (with stand): 819 mm
- Set height (with stand): 579 mm
- Set depth (with stand): 220 mm
- Product weight (+stand): 16 kg
- Box width: 918 mm
- Box height: 629 mm
- Box depth: 255 mm
- Weight incl. Packaging: 19 kg
- Wall mount compatible: 200 x 300 mm

Rear connectors



Side



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