



Philips
flat HDTV with Pixel Plus

50"
plasma

50PF9431D



Turn up your viewing experience with Pixel Plus

Experience the superior picture quality of this excellent integrated HDTV with the latest PDP technology and Pixel Plus. It's packed into a stunning design that will complement your interior. Share music and photos via the built-in USB.

Breathtaking natural pictures

- High Definition plasma WXGA display, 1366 x 768p
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus for better details, depth and clarity
- Progressive Scan component video for optimized image quality

Stylish design

- Matching stand with elegant design included



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50PF9431D/37

Technical specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 1500 cd/m²
- **Diagonal screen size (inch):** 50 inch
- **Display screen type:** HD Plasma panel
- **Picture enhancement:** Pixel Plus, Progressive Scan, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Widescreen Plus, 3D Combfilter, Contrast Plus
- **Screen enhancement:** Anti ageing circuit, Anti-Reflection coated screen
- **Panel resolution:** 1366 x 768p
- **Contrast ratio (typical):** 10000:1
- **Viewing angle:** 160° (H) / 160° (V)

Supported Display Resolution

- **Computer formats**

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
- **Video formats**

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

Sound

- **Sound Enhancement:** Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- **Output power (RMS):** 2 x 15W
- **Sound System:** Virtual Dolby Digital

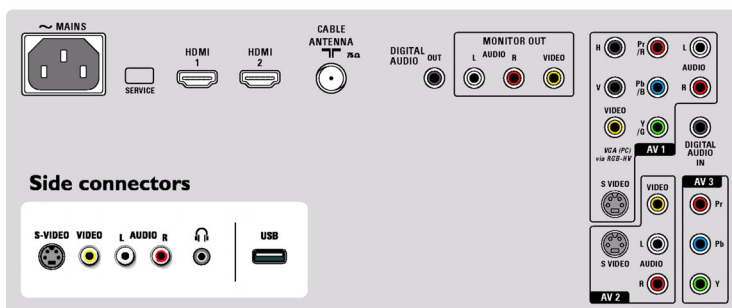
Loudspeakers

- **Built-in speakers:** 2
- **Loudspeaker types:** Front Speakers

Convenience

- **Ease of Installation:** Autostore, PLL Digital Tuning, Plug & Play, Automatic Tuning System (ATS), Auto Programme Naming
- **Ease of Use:** On Screen Display, Side Control, Smart Picture Control, Channel

Rear connectors



- list, Smart Sound Control, Delta Volume per preset, Auto Volume Leveller (AVL), Graphical User Interface
- **Remote control type:** RC4345/01
- **Picture in Picture:** HDMI-Component PIP
- **Remote Control:** Amp, DVD-R, Multi-functional, VCR, STB
- **Screen Format Adjustments:** Auto Format, Subtitle and Heading Shift, 6 Widescreen Modes, 4:3, Movie expand 14:9, Movie expand 16:9, Widescreen, Super Zoom, Subtitle Zoom
- **Child Protection:** Child Lock+Parental Control
- **Clock:** Smart Clock
- **Teletext:** Closed Captioning Full Text
- **VESA Mount:** Vesa compliant

Multimedia Applications

- **Digital Content Management:** Digital Media Reader
- **Multimedia connections:** USB
- **Playback Formats:** JPEG Still pictures, MP3, Slideshow files (.alb)

Tuner/Reception/Transmission

- **TV system:** ATSC, NTSC
- **Video Playback:** NTSC
- **Aerial Input:** 75 ohm F-type
- **Cable:** Unscrambled Digital Cable -QAM

Connectivity

- **Other connections:** Monitor out, CVBS, L/R (cinch), S/PDIF in (coaxial), S/PDIF out (coaxial)
- **AV 1:** Audio L/R in, CVBS in, RGB+H/V, YPbPr, Component Video in, (1, 2, 3Fh autoranging), Y/C
- **AV 2:** Audio L/R in, CVBS, Y/C
- **AV 3:** S/PDIF digital coaxial, YPbPr, (1, 2, 3Fh autoranging)
- **AV 4:** HDMI
- **AV 5:** HDMI
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in, USB

Power

- **Power consumption:** 400 W
- **Standby power consumption:** 0.7W
- **Mains power:** AC 110 - 240 V, 50/60 Hz
- **Ambient temperature:** 5 °C to 40 °C

Dimensions

- **Product weight:** 50 kg
- **Product weight (lb):** 132.3
- **Weight incl. Packaging:** 64 kg
- **Set dimensions (W x H x D):** 1415 x 780 x 104 mm
- **Color cabinet:** Black and Digital Silver
- **VESA wall mount compatible:** 800,400 mm

Accessories

- **Included Accessories:** Table top stand, RF cable



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Version: 3.0

12 NC: 8670 000 24254
UPC: 6 09585 11562 0

Specifications are subject to change without notice.
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Product highlights

Plasma WXGA panel, 1366 x 768p

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

HDTV

HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity and circuitry design. To use HDTV the TV must be connected via its Component Video, DVI or HDMI inputs to a DTV set-top box and set to operate in the DTV mode.

Pixel Plus

This set uses the power of the Pixel Plus processor to increase the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and dept, every time from any source.

Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Bypacked tabletop stand

A table-top stand with matching design is packed with the set.

