



Philips
flat HDTV with Pixel Plus

37"
LCD integrated digital

37PF9431D



Turn up your viewing experience with Pixel Plus

Experience the superior picture quality of this excellent integrated HDTV with the latest LCD 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 LCD 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

Perfect picture quality from your digital photos

- USB Connector for easy, instant multimedia playing



PHILIPS

flat HDTV with Pixel Plus
37" LCD integrated digital

37PF9431D/37

Technical specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 550 cd/m²
- **Diagonal screen size (inch):** 37 inch
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Picture enhancement:** Pixel Plus, Progressive Scan, 3/2 - 2/2 motion pull down, Widescreen Plus, 3D Combfilter, Active Control + Light sensor
- **Screen enhancement:** Anti ageing circuit, Anti-Reflection coated screen
- **Panel resolution:** 1366 x 768p
- **Response time (typical):** 8 ms
- **Dynamic screen contrast:** 800:1
- **Viewing angle:** 176° (H) / 176° (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
- **Sound System:** Virtual Dolby Digital
- **Output power (RMS):** 2 x 15W

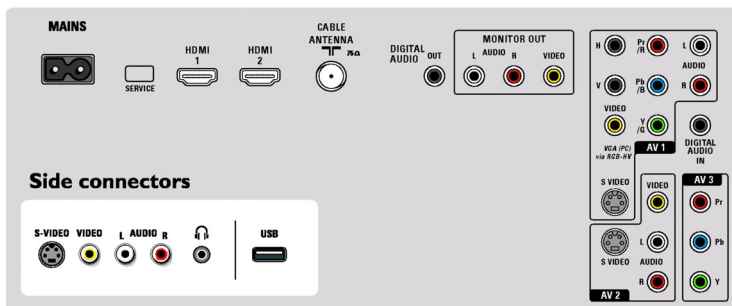
Loudspeakers

- **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

Rear connectors



- **Ease of Use:** On Screen Display, Side Control, Smart Picture Control, Channel list, Smart Sound Control, Delta Volume per preset, Auto Volume Leveller (AVL), Graphical User Interface
- **Remote control type:** RC4345/01
- **Remote Control:** Amp, Multi-functional, VCR, STB, DVD
- **Screen Format Adjustments:** Auto Format, Subtitle and Heading Shift, 6 Widescreen Modes, 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- **Child Protection:** Child Lock+Parental Control
- **Picture in Picture:** HDMI-Component PIP
- **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:** 175 W
- **Standby power consumption:** 0.45W
- **Mains power:** AC 110 - 120 V, 60 Hz
- **Ambient temperature:** 5 °C to 40 °C

Dimensions

- **Product weight:** 24 kg
- **Product weight (lb):** 66.15
- **Weight incl. Packaging:** 32 kg
- **Set dimensions (W x H x D):** 1105 x 610 x 97 mm
- **Color cabinet:** Black and Digital Silver
- **VESA wall mount compatible:** 800,400 mm

Accessories

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



Date of issue 2006-09-06

Version: 4.0

12 NC: 8670 000 24252
UPC: 6 09585 11560 6

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.
© 2006 Koninklijke Philips Electronics N.V.
All Rights reserved.
www.philips.com

flat HDTV with Pixel Plus
37" LCD integrated digital



37PF9431D/37

Product highlights

LCD WXGA 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.

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 depth, every time from any source.

Bypacked tabletop stand

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

USB Multimedia Connector

The USB connector allows access to multimedia jpg, mp3, mp3-pro and alb files of most USB-sticks and most digital cameras (USB 1.1 memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files. This makes you easily viewing and sharing your photos and music.

