



Philips
flat HDTV with Pixel Plus 2
HD and Ambilight 2
channel

37"

LCD integrated digital

37PF9631D



Turn up your viewing experience

with Pixel Plus 2 HD and Ambilight 2

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 2 HD, Ambilight 2 and latest LCD technology. Enjoy your multimedia content with the built in USB connector.

Immersive viewing experience

- High-definition LCD WXGA display, 1366 x 768p
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus 2 HD improves details in standard TV and HDTV
- Dynamic contrast enhancer delivering rich black details
- 2-channel active Ambilight enhances the viewing experience

True beauty lies in the details

- Matching TV stand included

Perfect picture quality from your digital photos

- USB Connector for easy, instant multimedia playing

For advanced performance

- HDMI for full digital High Definition connection



PHILIPS

flat HDTV with Pixel Plus 2 HD and Ambilight 2 channel
37" LCD integrated digital

37PF9631D/37

Technical specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 500 cd/m²
- **Diagonal screen size (inch):** 37 inch
- **Dynamic screen contrast:** 6000:1
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Panel resolution:** 1366 x 768p
- **Picture enhancement:** 3/2 - 2/2 motion pull down, 3D Combfilter, Digital Crystal Clear, Jagged Line Suppression, Pixel Plus 2 HD, Progressive Scan, Widescreen Plus, Active Control + Light sensor, Dynamic contrast enhancement
- **Screen enhancement:** Anti-Reflection coated screen, Anti ageing circuit
- **Viewing angle:** 176° (H) / 176° (V)
- **Response time (typical):** 6 ms

Ambilight

- **Ambilight Features:** Ambilight 2 Channel, Auto adaptive to video content, Efficient low energy lamp
- **Color Settings:** Full Multi Color
- **Dimming Function:** Manual and via Light Sensor
- **Preset modes:** 4 Active Adaptive modes

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 |
| 1080i | 60Hz |
| 720p | 60Hz |
| 480p | 60Hz |
| 480i | 60Hz |

Sound

- **Output power (RMS):** 2x8W

- **Sound Enhancement:** Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- **Sound System:** Virtual Dolby Digital

Loudspeakers

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

Tuner/Reception/Transmission

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

Connectivity

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

Convenience

- **Child Protection:** Child Lock+Parental Control
- **Clock:** Smart Clock
- **Ease of Installation:** Auto Programme Naming, Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- **Ease of Use:** Auto Volume Leveller (AVL), Channel list, Delta Volume per preset, Graphical User Interface, On Screen Display, Side Control, Smart Picture Control, Smart Sound Control
- **Picture in Picture:** HDMI-Component PIP
- **Remote Control:** Amp, DVD, STB, VCR, Multi-functional

- **Remote control type:** RC4348
- **Screen Format Adjustments:** 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift, 4:3, Subtitle Zoom, Super Zoom, Widescreen, Movie expand 14:9, Movie expand 16:9
- **VESA Mount:** Vesa compliant
- **Teletext:** Closed Captioning Full Text

Accessories

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

Dimensions

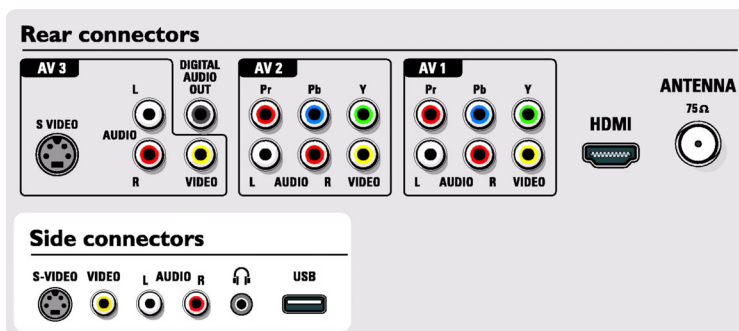
- **Set dimensions in inch (W x H x D):** 38.9 x 27.8 x 4.5 inch
- **Color cabinet:** Black
- **VESA wall mount compatible:** 800,400 mm
- **Box dimensions in inch (W x H x D):** 46.88 x 32.48 x 12.99 inch
- **Product weight (lb):** 24
- **Weight incl. Packaging (lb):** 33

Power

- **Ambient temperature:** 5 °C to 40 °C
- **Mains power:** AC 110 - 120 V +/- 10%
- **Power consumption:** 175 W
- **Standby power consumption:** 0.45W

Multimedia Applications

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



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Specifications are subject to change without notice.
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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 2 HD

Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

Ambilight 2 channel

Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colors and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight automatically and independently adapts its colors according to the changing content on the screen.

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.

