



Philips
flat HDTV with Pixel Plus 3
HD and Ambilight
Surround

42"

LCD digital cable ready

42PF9731D



Turn up your viewing experience

with Pixel Plus 3 HD and Ambilight

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 3 HD, Ambilight Surround and Clear LCD technology. Enjoy your multimedia content with the built in USB connector and Memory Card reader

Immersive viewing experience

- High-definition LCD WXGA display, 1366 x 768p
- Integrated HDTV and CableCARD for unrivalled picture quality
- Pixel Plus 3 HD for most vivid and sharp HDTV images
- Clear LCD for sharp, fast and vibrant images
- Ambilight Surround for an immersive viewing experience

True beauty lies in the details

- Matching design swivel stand included

Perfect picture quality from your digital photos

- USB and Memory-Card slot for instantly playing multimedia

For advanced performance

- HDMI for full digital High Definition connection



PHILIPS

Technical specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 550 cd/m²
- **Dynamic screen contrast:** 4500:1
- **Viewing angle:** 176° (H) / 176° (V)
- **Diagonal screen size (inch):** 42 inch
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Panel resolution:** 1366 x 768p
- **Picture enhancement:** Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Clear LCD, Dynamic contrast enhancement, Jagged Line Suppression, Progressive Scan, Widescreen Plus
- **Screen enhancement:** Anti-Reflection coated screen

Ambilight

- **Ambilight Features:** Ambilight Surround, 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
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz

Sound

- **Output power (RMS):** 2x15W

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

Loudspeakers

- **Built-in speakers:** 4
- **Loudspeaker types:** Integrated woofers with wOOx, Dome tweeter

Multimedia Applications

- **Digital Content Management:** Digital Media Reader
- **Memory Card Types:** Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- **Multimedia connections:** USB, 7-in-1 Memory Card Reader
- **Playback Formats:** MP3, Slideshow files (.alb), JPEG Still pictures

Tuner/Reception/Transmission

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

Connectivity

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

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:** RC4403
- **Screen Format Adjustments:** 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Subtitle Zoom, Super Zoom, Widescreen
- **Teletext:** Closed Captioning Full Text
- **VESA Mount:** Vesa compliant

Accessories

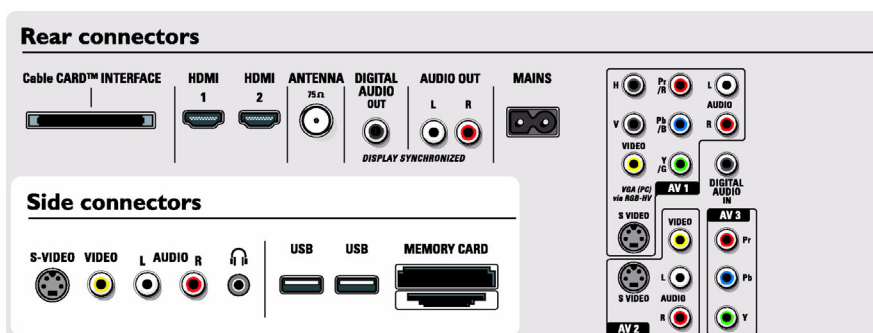
- **Included Accessories:** Tabletop swivel stand, RF cable

Dimensions

- **Set dimensions in inch (W x H x D):** 43.1 x 31.3 x 4.5 inch
- **Set dimensions with stand in inch (H x D):** 32.6 x 11.4 inch
- **Weight incl. Packaging (lb):** 116.9 lb
- **Product weight (lb):** 67.9 lb
- **Box dimensions in inch (W x H x D):** 50.9 x 41.9 x 12.7 inch
- **Color cabinet:** High Gloss Black
- **VESA wall mount compatible:** 800,400 mm

Power

- **Ambient temperature:** +5 -/+ 40 C
- **Mains power:** AC 110 -240 V +/- 10%
- **Power consumption:** 263 W
- **Standby power consumption:** 0.6



Date of issue 2006-09-05

Version: 4.0

12 NC: 8670 000 23438
UPC: 6 09585 11380 0

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 3 HD and Ambilight Surround
42" LCD digital cable ready



42PF9731D/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.

Digital Cable Ready

The CableCARD is a removable card distributed by the cable providers that is inserted in the TV. This enables the "Plug-and-Play DTV" functionality as agreed between cable operators and consumer electronics manufacturers. It allows the decoding of encrypted or scrambled content delivered from the cable system. CableCARD functionality includes conditional access and copy protection. A CableCARD-enabled television without a CableCARD inserted receives high-definition standard TV broadcasts. When a CableCARD is inserted, the television receives high-value high-definition, cable programming.

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.

Clear LCD

Clear LCD gives you clear and vibrant images even with fast on-screen motion. The scanning backlight technology increases the sharpness of motion reproduction. This unique Philips technology using high refresh rates to eliminate any field flicker and retains the superb quietness of LCD technology. It is combined with a new backlight module resulting in a high contrast with larger viewing angle. This provides you with the best display for the ultimate viewing experience.

Ambilight Surround

With lights surrounding the picture Ambilight 3 makes an impressive contribution to the overall viewing experience with ambient light on 3 sides to complement the colors and light intensity of the image on screen. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight 3 automatically and independently adapts the colors of each screenside according to the changing content on the screen. With the 3rd Ambilight the top of the picture is now fully surrounded, completely immersing you into the content.

Bypacked swivel stand

For maximum freedom of placement, this high-quality stand is designed specifically for this TV, and allows easy placement of your Flat TV without drilling holes in the wall. Enjoy the best viewing angle with the convenience of the 40 degrees of swivel (20 degrees each side). Invisible cable management is included in the back. This stand fits seamlessly on the matching accessory floorstand.

