



Philips
flat HDTV with Pixel Plus 3
HD and Ambilight Full
Surround

42"

LCD digital cable ready

42PF9831D



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 Full Surround and Clear LCD technology. Enjoy your multimedia content with the built in USB 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 Full Surround for immersive viewing experience

Unrivalled audio performance

- Compact lambda/4 subwoofer technology for powerful deep bass

True beauty lies in the details

- Matching stand with elegant design 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, Digital Crystal Clear, Dynamic contrast enhancement, Jagged Line Suppression, Progressive Scan, Widescreen Plus
- **Screen enhancement:** Anti-Reflection coated screen

Ambilight

- **Ambilight Features:** Ambilight Full 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):** 2x12W + 1x24 W

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

Loudspeakers

- **Built-in speakers:** 5
- **Loudspeaker types:** Integrated subwoofer, 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:** RC441 I
- **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

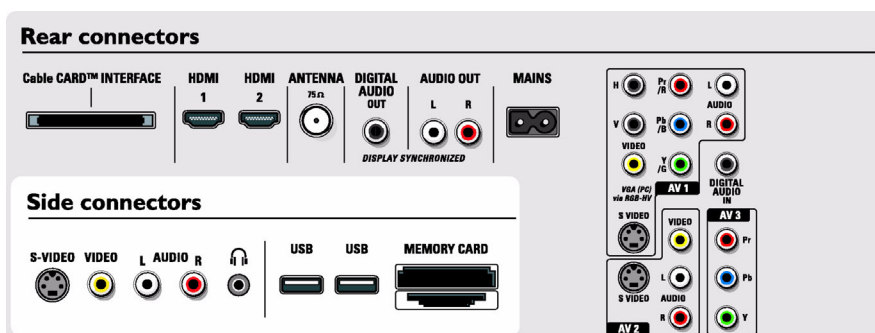
- **Included Accessories:** Table top stand, RF cable

Dimensions

- **Set dimensions in inch (W x H x D):** 50.4 x 34.3 x 4.5 inch
- **Set dimensions with stand in inch (W x H x D):** 50.4 x 36.9 x 11.4 inch
- **Weight incl. Packaging (lb):** 136 lb
- **Product weight (lb):** 83.8 lb
- **Box dimensions in inch (W x H x D):** 53.3 x 47.7 x 13.3 inch
- **Color cabinet:** High Gloss Black & Brilliant Pearl
- **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: 5.0

12 NC: 8670 000 23605
UPC: 6 09585 11381 7

Specifications are subject to change without notice.
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42PF9831D/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 Full Surround

Ambilight 4 makes an impressive contribution to the overall viewing experience and the design of the TV. It produces a fully surrounding glow of light that complements the colors and light intensity on all 4 sides of the image and with the unique design creates a 'floating display'. The Ambilight is cast onto a reflective area that is an integrated part of the TV's unique design and makes it independent from TV position or mounting. The surrounding glow creates ambiance, stimulates more relaxed viewing, improves perceived picture detail, contrast and color, and will completely immerse you.

Lambda/4 sound system

You want a deeper sound experience in music and movies. The integrated subwoofer with lambda/4 technology creates a very deep and powerful bass in a highly compact enclosure, keeping the TV slim and flat. The lambda/4 subwoofer unit utilizes resonating acoustic masses in a system of ducts to produce powerful bass with low distortion. The lambda/4 sound system, combined with high quality midrange and tweeters also gives a very spacious stereo image.

Bypacked tabletop stand

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

