



Philips Cineos
digital widescreen flat TV
with Pixel Plus 2 HD and
Ambilight 2 channel

37"

LCD integrated digital

CINEOS

37PF9631D



Turn up your viewing experience with Pixel Plus 2 HD and Ambilight 2

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Pixel Plus 2 HD, Ambilight 2, the latest LCD technology and table top stand. The Digital Media Reader via USB gives you full access to multimedia content.

Be an eyewitness

- High definition LCD WXGA display, resolution 1366 x 768p
- Integrated Digital Tuner for DVB-T reception
- HD ready for the highest quality display of HDTV signals
- 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

Superb sound reproduction

- Virtual Dolby Digital for a true life audio experience

True beauty lies in the details

- Matching stand with elegant design included

Perfect picture quality from your digital photos

- USB Connector for easy, instant multi-media playing

For advanced performance



PHILIPS

Technical specifications

Picture / Display

- **Aspect ratio:** 16:9
- **Brightness:** 500 cd/m²
- **Diagonal screen size:** 37 inch / 94 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Picture enhancement:** Progressive scan, 3D combfilter, Active Control & Light sensor, Digital Natural Motion, Jagged line suppression, Widescreen plus, Pixel Plus 2 HD, Pulse Killer Chip, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down
- **Screen enhancement:** Anti reflection coated screen
- **Panel resolution:** 1366 x 768p
- **Response time (typical):** 8 ms
- **Dynamic screen contrast:** 6000:1
- **Viewing angle:** 176° (H) / 176° (V)

Ambilight

- **Ambilight Features:** Ambilight two Channel, Auto adaptive to video content, Efficient low energy lamp
- **Colour settings:** Full Multi-Colour
- **Dimming function:** Manual and via light sensor

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
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound

- **Sound enhancement:** Digital signal processing, Dynamic bass enhancement, Graphic equaliser
- **Sound system:** Virtual Dolby Digital
- **Output power (RMS):** 2x15W

Loudspeakers

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

Convenience

- **Ease of installation:** Auto programme naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Auto store, PLL digital tuning, Plug & Play
- **Ease of Use:** On screen display, Auto volume leveller (AVL), Delta volume per preset, Graphical user interface, Side Control, Program list, 4 favourite lists
- **Remote control type:** RC4401
- **Teletext:** 1200 page hypertext
- **Teletext enhancements:** Habit watch, Program information line
- **Picture in Picture:** Text dual screen
- **Remote control:** Amp, DVD, Sat, VCR, STB, Multi functional
- **Screen format adjustments:** Auto format, Subtitle and heading shift, Movie expand 14:9, Movie expand 16:9, 4:3, Super Zoom, Widescreen, 6 widescreen modes
- **Clock:** Smart clock
- **Child Protection:** Child lock & parental control
- **Electronic Programme Guide:** Now + Next EPG
- **VESA Mount:** Vesa compliant

Multimedia Applications

- **Digital content management:** Digital Media Reader
- **Multimedia connections:** USB (streaming video capable)
- **Playback formats:** JPEG still pictures, MP3, Slideshow files (.alb), MPEG2, MPEG1

Tuner / Reception / Transmission

- **Tuner bands:** Hyper band, S channel, UHF, VHF
- **TV system:** PAL, DVB COFDM 2K/8K, SECAM
- **Video playback:** NTSC, PAL, SECAM
- **Aerial input:** 75 ohm coaxial (IEC75)
- **DVB:** DVB Terrestrial

Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, RGB, Y/C
- **Ext 4:** HDMI
- **Ext 5:** HDMI

- **Other connections:** Analogue audio left / right out, S/PDIF out (coaxial), S/PDIF in (coaxial), Common Interface, PC-In VGA
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-Video in, USB
- **Ext 3:** YPbPr

Power

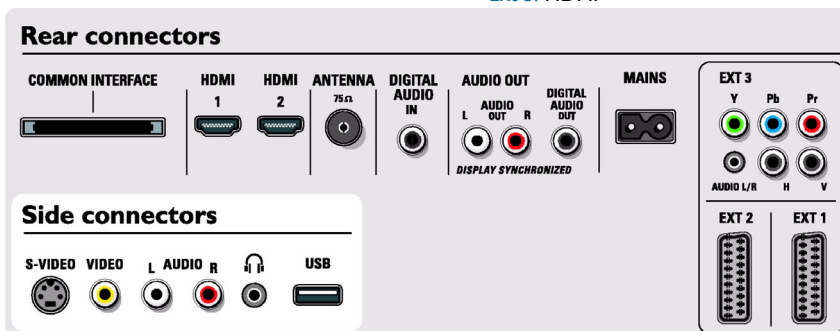
- **Power consumption:** 163 W
- **Standby power consumption:** 1.4W
- **Mains power:** AC 220 - 240 V +/- 10%
- **Ambient temperature:** +5 -/+ 40 C

Dimensions

- **Product weight:** 26 kg
- **Weight incl. packaging:** 39 kg
- **Colour cabinet:** High Gloss Black
- **Set dimensions (W x H x D):** 991 x 707 x 114 mm
- **Set dimensions with stand (H x D):** 767 x 255 mm
- **VESA wall mount compatible:** 800,200 mm
- **Box dimensions (W x H x D):** 1160 x 923 x 290 mm

Accessories

- **Optional accessories:** Floor stand
- **Included accessories:** Table top stand, RF cable



Date of issue 2006-07-10

Version: 5.0

12 NC: 8670 000 23288
EAN: 87 10895 92048 3

Specifications are subject to change without notice.
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37" LCD integrated digital



37PF9631D/10

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 colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated Digital DVB-T tuner

The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set top box or additional cables.

HD Ready

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Pixel Plus 2 HD

Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colours 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.

Dynamic contrast enhancer

You want the LCD flat display with the highest contrast and most vibrant images even at wide viewing angle. The Philips dynamic contrast enhancer uses video processing and unique dimming backlight technology. This delivers deep rich black levels with increased detail. The dimming backlight increases the contrast up to 5 times*, and at the same time improves the viewing angle. It gives a bright, lifelike picture with high contrast and vibrant colours, (* factor between 2 and 5, screen type and picture content dependant).

Ambilight 2 channel

Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colours 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 colour. Ambilight automatically and independently adapts its colours according to the changing content on the screen.

Virtual Dolby Digital

Virtual Dolby Digital is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity for additional rear speakers. You become totally immersed in your television experience.

By packed tabletop stand

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



* DVB-T, supported in selected countries only