

Philips Cineos
digital widescreen flat TV

127 cm (50")

plasma
integrated digital

50PF9631D



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 PDP technology and table top stand. The Digital Media Reader via USB gives you full access to multimedia content.

True beauty lies in the details

- Matching stand with elegant design included

Unrivalled audio performance

- Virtual Dolby Digital for a true life audio experience

Immersive viewing experience

- High Definition plasma WXGA display, 1366 x 768p
- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals
- Pixel Plus 2 HD for great details, depth and clarity
- 2-channel active Ambilight enhances the viewing experience

For advanced performance

- 2 HDMI inputs for full digital HD connection in one cable

Perfect picture quality from your digital photos

- USB Connector for easy, instant multimedia playing

PHILIPS

digital widescreen flat TV
127 cm (50") plasma, integrated digital

Highlights

Plasma WXGA panel, 1366 x 768p

This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures in with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated Digital DVB-T tuner

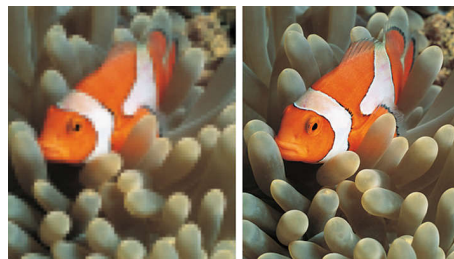
The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. 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 the resolution and picture quality of a High Definition 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 60 Hz.

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 yet razor sharp.

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 ambience, 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.

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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 of additional rear speakers. You become totally immersed in your television experience.

Tabletop stand included

A tabletop stand with matching design is packed with the set.

USB Multimedia Connector



The USB connector allows access to multimedia jpg, mp3 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 it easy to view and share your photos and music.

2 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD set-top box and a Blu-ray player. Your TV is fully prepared for the HD future.

Specifications

Ambilight

- Ambilight Features: Ambilight 2 Channel, Auto adaptive to video content, Efficient low energy lamp
- Colour Settings: Full Multi-Colour
- Dimming Function: Manual and via Light Sensor

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 50 inch
- Diagonal screen size (metric): 127 cm
- Colour cabinet: High Gloss Black
- Panel resolution: 1366 x 768p
- Brightness: 1000 cd/m²
- Picture enhancement: Pixel Plus 2 HD, Digital Natural Motion, 3/2 - 2/2 motion pull down, 3D Combfiter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, Pulse Killer Chip, Widescreen Plus
- Contrast ratio (typical): 10000:1
- Display screen type: Plasma HD panel
- Viewing angle: 160° (H)/160° (V)
- Screen enhancement: Anti-ageing circuit, Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz
- Video Formats: 1280 x 720p - 3Fh, 1920 x 1080i - 2Fh, 640 x 480i - 1Fh, 640 x 480p - 2Fh, 720 x 576i - 1Fh, 720 x 576p - 2Fh

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: DVB COFDM 2K/8K, PAL, SECAM
- Digital TV: DVB Terrestrial*
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

- Digital Content Management: Digital Media Reader
- Multimedia connections: USB (streaming video capable)
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Programme Naming,

- Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug and Play
- Ease of Use: 4 favourite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Side Control
- Clock: Smart Clock
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen
- Electronic Programme Guide: Now + Next EPG
- Remote Control: Amp, DVD, Sat, STB (Set-Top Box), VCR, Multi-functional
- Remote control type: RC4401
- Teletext: 1200-page Hypertext
- VESA Mount: Vesa compliant
- Picture in Picture: Text dual screen
- Teletext enhancements: Habit Watch, Programme information Line

Sound

- Output power (RMS): 2 x 15 W
- Sound System: Virtual Dolby Digital
- Sound Enhancement: Digital Signal Processing, Graphic Equalizer, Dynamic Bass Enhancement

Loudspeakers

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

Connectivity

- Front/Side connections: Audio L/R in, CVBS in, Headphones Out, S-video in, USB
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB, Y/C
- Other connections: Analogue audio Left/Right out, PC-In VGA, S/PDIF in (coaxial), S/PDIF out (coaxial), Common Interface
- Ext 3: YPbPr
- Ext 4: HDMI
- Ext 5: HDMI

Power

- Mains power: AC 110 - 240 V +/- 10%
- Ambient temperature: 5°C to 40°C

- Power consumption: 400 W
- Standby power consumption: 1 W

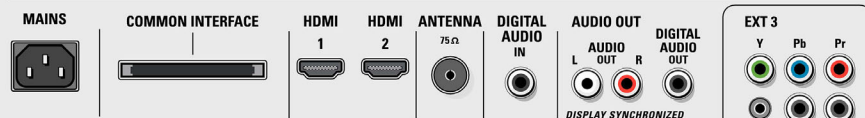
Accessories

- Included accessories: Tabletop stand, RF antenna cable
- Optional accessories: Floor stand

Dimensions

- Set Width: 1327 mm
- Set Height: 908 mm
- Set Depth: 114 mm
- Product weight: 57 kg
- Set height (with stand): 968 mm
- Set depth (with stand): 320 mm
- Box width: 1412 mm
- Box height: 1223 mm
- Box depth: 353 mm
- Weight incl. Packaging: 83.4 kg
- Wall-mount compatible: 600 x 200 mm

Rear connectors



Side connectors



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* DVB-T, supported in selected countries only