

Philips Cineos
digital widescreen flat TV

107cm (42")
LCD
integrated digital

42PF9641D



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.

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

- HD LCD WXGA display, with a 1366 x 768p resolution
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus 2 HD for great details, depth and clarity
- Dynamic contrast enhancer delivering rich black details
- 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
107cm (42") LCD, integrated digital

Highlights

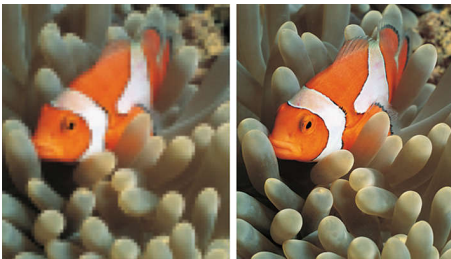
LCD WXGA display, 1366 x 768p

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.

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. Artifacts 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.

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 colors, (* 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 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.

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

42PF9641D/79

speakers. You become totally immersed in your television experience.

Bypacked tabletop stand

A table-top 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 you easily viewing and sharing 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 analog 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 backward 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 settop 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, Full operation in stand-by
- Color Settings: Full Multi Color
- Dimming Function: Manual and via Light Sensor
- Preset modes: 4 Active Adaptive modes

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Color cabinet: High Gloss Black
- Panel resolution: 1366 x 768p
- Brightness: 550 cd/m²
- Contrast ratio (typical): 800
- Picture enhancement: Pixel Plus 2 HD, 3D Combfilter, Active Control + Light sensor, Digital Crystal Clear, Digital Natural Motion, Dynamic contrast enhancement, Jagged Line Suppression, Progressive scan, Pulse Killer Chip, Widescreen Plus
- Display screen type: LCD WXGA Active Matrix TFT
- Dynamic screen contrast: 4000:1
- Response time (typical): 8 ms
- Viewing angle: 176° (H) / 176° (V)
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen

Supported Display Resolution

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

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC, PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, DVB COFDM 2K/8K
- 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, MPEG2

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User

- Interface, On Screen Display, Program 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
- Remote Control: Aux, DVD, STB (Set-Top Box), VCR
- Remote control type: RC4401
- Teletext: 1200 page Hypertext
- VESA Mount: Vesa compliant
- Picture in Picture: Text dual screen
- Teletext enhancements: Habit Watch, Program information Line

Sound

- Output power (RMS): 2x15W
- Sound System: Virtual Dolby Digital
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser

Loudspeakers

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

Connectivity

- Front / Side connections: Audio L/R in, CVBS in, Headphone 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
- Other connections: Analog audio Left/Right out, PC-In VGA, S/PDIF in (coaxial), S/PDIF out (coaxial), Common Interface
- Ext 3: VGA-in (5x cinch RGB+H/V), YPbPr, Audio L/R in
- Ext 4: HDMI
- Ext 5: HDMI

Power

- Mains power: AC 110 - 240 V +/- 10%
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 248 W
- Standby power consumption: 0.8W

Accessories

- Included accessories: Table top stand, Wall mounting bracket, RF antenna cable
- Optional accessories: Floor stand

Dimensions

- Set Width: 1095 mm
- Set Height: 764 mm
- Set Depth: 114 mm
- Set height (with stand): 824 mm
- Set depth (with stand): 290 mm
- Weight incl. Packaging: 59 kg
- Wall mount compatible: 800 x 400 mm

