

Philips Cineos  
widescreen flat TV

107 cm (42")  
LCD  
integrated digital

42PF9731D



## Turn up your viewing experience

with Pixel Plus 3 HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Full HD display, Pixel Plus 3 HD and Ambilight Surround. The Digital Media Reader with PC link gives you full access to multimedia content.

### True beauty lies in the details

- Matching design swivel stand included

### Immersive viewing experience

- Full HD LCD display, 1920 x 1080p
- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals
- Pixel Plus 3 HD for most sharp and clear pictures
- Dynamic contrast enhancer delivering rich black details
- Ambilight Surround for an immersive viewing experience

### For advanced performance

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

### Perfect picture quality from your digital photos

- Access your photos, music and movies via PC-link
- Wireless prepared for connection to your PC
- USB and Memory Card slot for instantly playing multimedia

# PHILIPS

widescreen flat TV  
107 cm (42") LCD, integrated digital

42PF9731D/10

# Highlights

## Full HD LCD display 1920 x 1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. 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 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 3 HD

Pixel Plus 3 HD offers the unique combination of ultimate sharpness, natural detail, vivid colours 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. Artefacts 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.

## Dynamic contrast enhancer

You want the LCD flat display with the highest contrast and most vibrant images even at a 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, depending on screen type and picture content).

## 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 colours and light intensity of the image on screen. It creates ambience, stimulates more relaxed viewing and improves perceived picture detail, contrast and colour. Ambilight 3 automatically and independently adapts the colours of each screen side according to the changing content on the screen. With the third Ambilight the top of the picture is now fully surrounded, completely immersing you into the content.

## Swivel stand included

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 40 degrees swivel (20 degrees each side). Invisible cable management is included in the back. This stand fits seamlessly on the matching accessory floor stand.

## PC-link

The PC-link provides fun and easy access to your personal digital media files and multimedia content\*. The widely used Ethernet (LAN) and Wi-Fi open standards are used for wired and (optional) wireless\*\* connection and ensure

interoperability. Browse your PC collection of digital photographs, multimedia videos and music files via your home LAN network. The intuitive user interface of the TV and the Philips Multimedia Manager for your PC makes it available at the push of a button (\* see product for supported formats, PC-LAN functionality required \*\* Additional 'Ethernet-bridge' device required)

## Wireless PC link prepared

Wi-Fi is the leading standard for wireless broadband. With the wireless prepared function\* in the Philips TV you can share PC multimedia content anywhere in your house, without the hassle of wires. High Bandwidth means you can enjoy high quality multimedia pictures, music or video, over distances that can reach up to 100 metres\*\*. Access your Wi-Fi PC or your home Wi-Fi network (router). (\*requires optional, Wi-Fi Ethernet-bridge. \*\*may vary under local conditions)

## USB and Memory Card slot

Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of the following types: Compact Flash I and II, Memory Stick, SD Card/Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into the slot at the side of the TV and access the multimedia files stored on the card. The USB connector allows access to multimedia files on most USB sticks and most digital cameras (USB memory-class device).

## 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.

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# Specifications

## Ambilight

- Ambilight Features: Ambilight Surround, 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): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: High Gloss Black
- Panel resolution: 1920 x 1080p
- Brightness: 550 cd/m<sup>2</sup>
- Picture enhancement: Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Digital Natural Motion, Dynamic contrast enhancement, Jagged Line Suppression, Progressive scan, Pulse Killer Chip, Widescreen Plus
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 4000:1
- Response time (typical): 8 ms
- Viewing angle: 176° (H)/176° (V)
- Screen enhancement: 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: 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: 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: Ethernet-UTP5, UPnP, Wi-Fi (opt. Ethernet-bridge), 7-in-1 Memory Card Reader, USB (streaming video capable)
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures, DivX 3.11, DivX 5, MPEG1, MPEG2,

MPEG4, XviD

- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card

## 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: 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: Full dual screen (2 tuners), 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, Dynamic Bass Enhancement, Graphic Equalizer

## 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, 2 x USB, Multi-slot memory card reader
- 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,

Ethernet, S/PDIF in (coaxial), S/PDIF out (coaxial), Common Interface

- Ext 3: YPbPr
- Ext 4: HDMI
- Ext 5: HDMI
- Ext 6: VGA PC-in, Audio L/R in

## Power

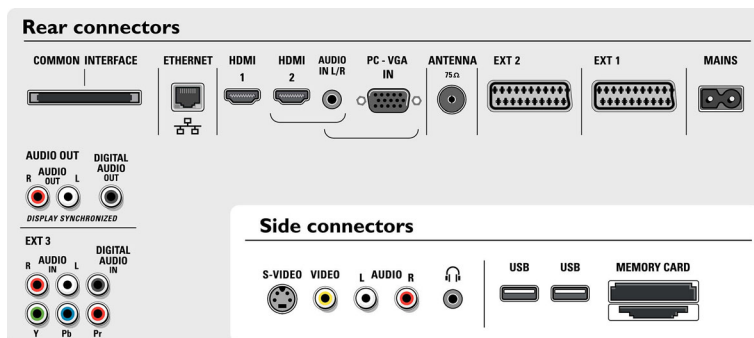
- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 40°C
- Power consumption: 248 W
- Standby power consumption: 0.8 W

## Accessories

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

## Dimensions

- Set Width: 1095 mm
- Set Height: 764 mm
- Set Depth: 114 mm
- Product weight: 35 kg
- Set height (with stand): 824 mm
- Set depth (with stand): 290 mm
- Box width: 1292 mm
- Box height: 1064 mm
- Box depth: 323 mm
- Weight incl. Packaging: 59 kg
- Wall-mount compatible: 800 x 400 mm



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\* DVB-T, supported in selected countries only