Philips Cineos
widescreen flat TV

107 cm (42")
LCD
HD Ready

42PF9830

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, true HD LCD technology and a motorised swivel stand. Connected Planet technology gives you even wider access to multimedia content.

Advanced connection to your audio/video products
• Most modern and highest quality HDMI and DVI-I connectivity

True beauty lies in the details
• 2 integrated NXT Monolith speakers with amazing performance
• Matching design stand with motorised swivel included

Be an eyewitness
• Full HD LCD display, 1920 x 1080p
• 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

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

Highlights

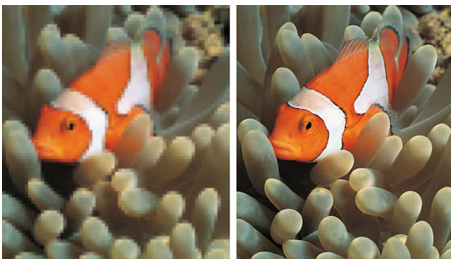### Full HD LCD display 1920 x 1080p

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.

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.

Flat NXT Monolith Speakers

The ground-breaking NXT surface sound principle has been further developed into the monolith speaker technology. It actually uses the outer surface of the TV cabinet as the speaker membrane. The speakers are now virtually invisible, bringing a stunning design and a pure and direct sound radiation.

Motorised swivel stand included

The high-quality stand is designed specifically for this TV and facilitates easy placement of your Flat TV without drilling holes in the wall. Enjoy the finger-tip convenience of finding the best viewing angle and the magic effect of the motorised swivel operated by the TV's remote control. It rotates over a total range of 60 degrees (30 degrees each side), with memory positions for the central and 'previous' positions. Invisible Cable management is

included in the back. This stand is designed to fit on the matching accessory floorstand.

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)

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).

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)

Specifications

Ambilight
- Ambilight Features: Ambilight 2 Channel, Auto adaptive to video content, 2 Channel Left/Right control
- Colour Settings: Full Multi-Colour
- Dimming Function: Manual and via Light Sensor
- Pre-set modes: 2 Pre-set and 1 Personal colour, 4 Active Adaptive modes

Picture/Display
- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: Pearl - White Silver (11092)
- Panel resolution: 1920 x 1080p
- Brightness: 550 cd/m²
- Picture enhancement: Progressive scan, 3D Combfilter, Active Control + Light sensor, Digital Natural Motion, Jagged Line Suppression, Movie Plus, Widescreen Plus, Pixel Plus 2 HD, Dynamic contrast enhancement
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 4000:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 176 degree
- Viewing angle (vertical): 176 degree
- 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: PAL, SECAM
- Video Playback: NTSC, PAL, SECAM

Multimedia Applications
- Digital Content Management: Digital Media Reader
- Multimedia connections: Ethernet-UTP5, UPnP, USB, Wi-Fi (opt. Ethernet-bridge)
- Playback Formats: DivX 5, JPEG Still pictures, MP3, MPEG1, MPEG2, MPEG4, Slideshow files (.alb), 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: On-Screen Display, Programme List, Smart Picture, Smart Sound
- Clock: Smart Clock
- Connection Enhancement: Easy link
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift, Movie expand 14:9, Movie expand 16:9, Widescreen, 4:3, Super Zoom, Subtitle Zoom
- Remote Control: Amp, DVD, DVD-R, Sat, Universal and Learnable, VCR
- Remote control type: RC4310
- Teletext: 1200-page Hypertext
- Picture in Picture: Full dual screen (2 tuners), Mozaic, Text dual screen
- Teletext enhancements: Habit Watch, Programme information Line

Sound
- Output power (RMS): 3 x 15 W
- Sound System: Virtual Dolby Digital
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equalizer

Loudspeakers
- Built-in speakers: 3
- Loudspeaker types: Flat NXT Monolith Speakers, Integrated subwoofer

Connectivity
- Front/Side connections: 2 x USB, Audio L/R in, CVBS in, Headphones Out, Multi-slot memory card reader, S-video in
- 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, S/PDIF in (coaxial), S/PDIF out (coaxial)
- Ext 3 Scart: Audio L/R, CVBS in/out
- Ext 4: S/PDIF digital coaxial, YPbPr
- Ext 5: DVI-I with HDCP, YPbPr
- Ext 6: HDMI
- Ext 7: Ethernet RJ45

Power
- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 40°C
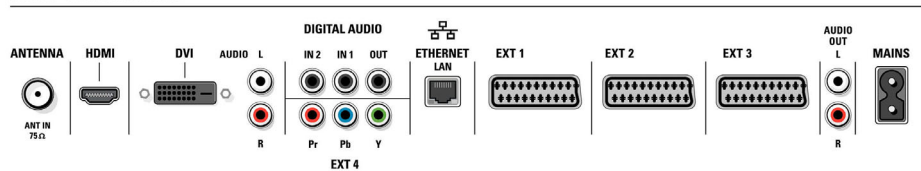- Power consumption: 239 W
- Standby power consumption: 1 W

Accessories
- Included accessories: DVI-I to VGA adapter, Motorised RC swivel stand, Wall mounting bracket
- Optional accessories: 5-in-1 connection cable, Floor stand

Dimensions
- Set Width: 1238 mm
- Set Height: 755 mm
- Set Depth: 96 mm
- Product weight: 36 kg
- Box width: 1330 mm
- Box height: 960 mm
- Box depth: 330 mm
- Weight incl. Packaging: 58 kg

Rear connectors

Side connectors

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