



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

42"  
LCD  
HD Ready

**CINEOS**

**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 motorized swivel stand. Share music and photos via the built-in USB and memory-card reader.

### **Be an eyewitness**

- HD LCD WXGA display, with a 1366 x 768p resolution
- 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

### **True beauty lies in the details**

- 2 integrated NXT Monolith speakers with amazing performance
- Matching design stand with motorized swivel included

### **Perfect picture quality from your digital photos**

- USB and Memory-Card slot for instantly playing multimedia

### **Advanced connection to your audio/video products**

- HDMI input for full digital HD connection in one cable

**PHILIPS**

# 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.

## HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. 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 a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog 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 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.

## 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.

## 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.

## Bypacked motorized swivelstand

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 motorized 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 position'. Invisible Cable management is included in the back. This stand is designed to fit on the matching accessory floorstand.

## USB and Memory Card slot

Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of type 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 slot at the side of the TV, and access the multimedia files stored on the card. The USB connector allows access to multimedia files of most USB-sticks and most digital cameras (USB memory-class device).

## HDMI input

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.



# Specifications

## Picture/Display

- Aspect ratio: 16:9
- Brightness: 550 cd/m<sup>2</sup>
- Diagonal screen size: 42 inch / 107 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, Movie Plus, Widescreen Plus, Dynamic contrast enhancement, Pixel Plus 2 HD
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 176 / 176 degree
- Panel resolution: 1366 x 768p
- Response time (typical): 8 ms
- Dynamic screen contrast: 3500:1

## Ambilight

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

## 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
1920 x 1152i	2Fh

## Sound

- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Sound System: Virtual Dolby Digital
- Output power (RMS): 3x15W

## Loudspeakers

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

## Convenience

- Ease of Installation: Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: On Screen Display, Program List, Smart Picture Control, Smart Sound Control
- Remote control type: RC4310
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line
- Picture in Picture: Full dual screen (2 tuners), Mozaic, Text dual screen
- Remote Control: Amp, DVD, DVD-R, Sat, Universal and Learnable, VCR
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Clock: Smart Clock
- Child Protection: Child Lock+Parental Control

## Multimedia Applications

- Digital Content Management: Digital Media Reader
- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- Multimedia connections: USB
- Playback Formats: DivX 5, JPEG Still pictures, MP3, MPEG1, MPEG2, MPEG4, Slideshow files (.alb), XviD

## Tuner/Reception/Transmission

- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, SECAM
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 ohm coaxial (IEC75)

## Connectivity

- Other connections: Analog audio Left/Right out, S/PDIF in (coaxial), S/PDIF out (coaxial)
- AV 1: (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, CVBS in, RGB+H/V, Y/C, YPbPr
- AV 2: Audio L/R in, CVBS, Y/C
- AV 3: (1, 2, 3Fh autoranging), S/PDIF digital coaxial, YPbPr

- AV 4: (1, 2, 3Fh autoranging), Audio L/R in, DVI-I, HDCP, VGA PC-in, YPbPr
- AV 5: HDMI
- Front / Side connections: 2x USB, Audio L/R in, CVBS in, Headphone out, Multi-slot memory card reader, S-video in

## Power

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

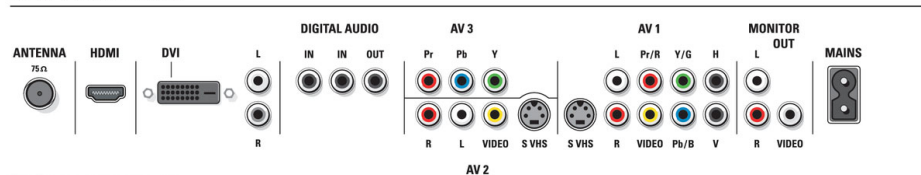
## Dimensions

- Product dimensions (WxDxH): 1238 x 755 x 96mm
- Product weight: 36 kg
- Carton dimensions (WxDxH): 1330 x 960 x 330mm
- Weight incl. Packaging: 49 kg
- Color cabinet: Pearl - White Silver (11092)

## Accessories

- Included Accessories: DVI-I to VGA adapter, Motorised RC swivel stand, Wall mounting bracket

## Rear connectors



## Side connectors



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