

Philips Cineos
widescreen flat TV

107cm (42")
LCD
HD Ready

42PF9831



Turn up your viewing experience

with Pixel Plus 3 HD and Ambilight

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

True beauty lies in the details

- Matching stand with elegant design included

Unrivalled audio performance

- Compact lambda/4 subwoofer technology for powerful deep bass

Immersive viewing experience

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Pixel Plus 3 HD for most sharp and clear pictures
- Clear LCD with 3ms response for extreme motion sharpness
- Ambilight Full Surround for immersive viewing experience

For advanced performance

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

Perfect picture quality from your digital photos

- USB and Memory-Card slot for instantly playing multimedia

PHILIPS

widescreen flat TV
107cm (42") LCD, HD Ready

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 3 HD

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

Clear LCD with 3 ms response

Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The high refresh rates of the scanning backlight technology increases the sharpness of motion reproduction down to an effective response time of 3 milliseconds (measured in Perceived Blurr-Edge-Width; BEW). On top it creates a higher dynamic contrast and an increased viewing angle. The unique Philips technology brings motion sharpness of LCD displays to an unprecedented level, better than any other Flat display technology.

Ambilight Full Surround



Ambilight 4 makes an impressive contribution to the overall viewing experience and the design of the TV. It produces a fully surrounding glow of light that complements the colors and light intensity on all 4 sides of the image and with the unique design creates a 'floating display'. The Ambilight is cast onto a reflective area that is an integrated part of the TV's unique design and makes it independent from TV position or mounting. The surrounding glow creates ambiance, stimulates more relaxed viewing, improves perceived picture detail, contrast and color, and will completely immerse you.

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Lambda/4 sound system

You want a deeper sound experience in music and movies. The integrated subwoofer with lambda/4 technology creates a very deep and powerful bass in a highly compact enclosure, keeping the TV slim and flat. The lambda/4 subwoofer unit utilizes resonating acoustic masses in a system of ducts to produce powerful bass with low distortion. The lambda/4 sound system, combined with high quality midrange and tweeters also gives a very spacious stereo image.

Bypacked tabletop stand

A table-top stand with matching design is packed with the set.

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).

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 Full Surround, 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

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Color cabinet: High Gloss Black & Brilliant Pearl
- Panel resolution: 1366 x 768p
- Brightness: 550 cd/m²
- Picture enhancement: Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Clear LCD, Digital Natural Motion, Dynamic contrast enhancement, Jagged Line Suppression, Progressive scan, Widescreen Plus
- Display screen type: LCD WXGA Active Matrix TFT
- Dynamic screen contrast: 7000:1
- Response time (typical): (BEW equiv.) 3 ms
- Viewing angle: 176° (H) / 176° (V)
- Screen enhancement: 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: PAL, SECAM
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

- Digital Content Management: Digital Media Reader
- Multimedia connections: USB, 7-in-1 Memory Card Reader
- 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 Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: 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: Amp, DVD, Sat, STB (Set-Top Box), VCR, Multi-functional
- Remote control type: RC4410
- Teletext: 1200 page Hypertext
- VESA Mount: Vesa compliant
- Picture in Picture: Full dual screen (2 tuners), Text dual screen
- Teletext enhancements: Habit Watch, Program information Line

Sound

- Output power (RMS): 2x12W + 1x24 W
- Sound System: Virtual Dolby Digital, BBE
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser

Loudspeakers

- Built-in speakers: 5
- Loudspeaker types: Integrated subwoofer, Dome tweeter

Connectivity

- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, 2x 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: Analog audio Left/Right out, PC-in VGA + Audio L/R in, S/PDIF in (coaxial), S/PDIF out (coaxial)
- Ext 3: YPbPr
- Ext 4: HDMI

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

Power

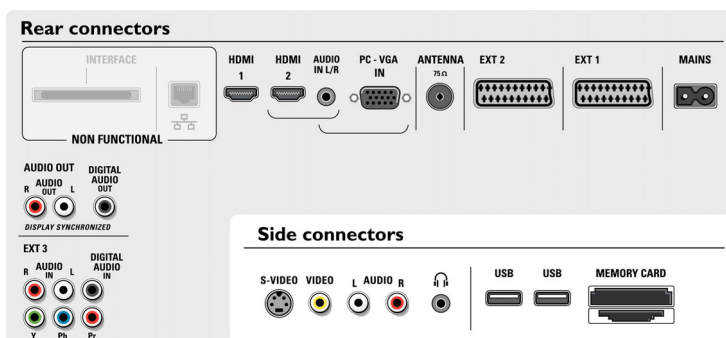
- Mains power: AC 110 - 240 V +/- 10%
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 248 W
- Standby power consumption: 0.8W

Accessories

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

Dimensions

- Set Width: 1279 mm
- Set Height: 872 mm
- Set Depth: 114 mm
- Product weight: 38 kg
- Set height (with stand): 957 mm
- Set depth (with stand): 290 mm
- Box width: 1354 mm
- Box height: 1211 mm
- Box depth: 339 mm
- Weight incl. Packaging: 62 kg
- Wall mount compatible: 800 x 400 mm



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