

Philips Cineos
widescreen flat TV

81 cm (32")

LCD
HD Ready

32PFL9432



Turn up your viewing experience

with Perfect Pixel HD

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Perfect Pixel HD Engine and 100 Hz Clear LCD technology. The USB connector gives you full access to multimedia content.

True beauty lies in the details

- Matching design swivel stand included

Immersive viewing experience

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- 100Hz Clear LCD for superb motion sharpness (3ms)
- HD Natural Motion for ultra smooth motion in Full HD movies

For advanced performance

- 3 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

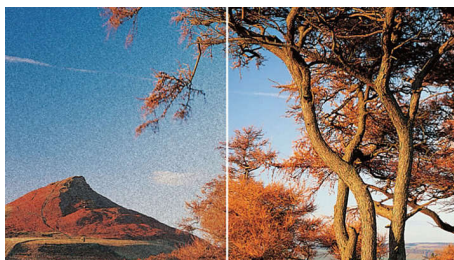
widescreen flat TV
81 cm (32") LCD, HD Ready

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.

Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of

sharpness, natural detail, vivid colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV.

100Hz Clear LCD



100Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

HD Natural Motion



Philips invented HD Natural Motion to minimize juddering effects that are visible with movie based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting

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smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

Bypacked swivel stand

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

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.

3 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 3 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

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 32 inch
- Diagonal screen size (metric): 80 cm
- Color cabinet: High Gloss Black
- Panel resolution: 1366 x 768p
- Brightness: 550 cd/m²
- Picture enhancement: Perfect Pixel HD Engine, HD Natural Motion, Dynamic contrast enhancement, 1080p 50/60Hz processing, 1080p 24/25/30Hz processing, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, Pulse Killer Chip, Widescreen Plus, 100Hz Clear LCD, Double frame rate
- Contrast ratio (typical): 1200:1
- Display screen type: LCD WXGA Active Matrix TFT
- Dynamic screen contrast: 8000:1
- Response time (typical): 3 (BEW equiv.) ms
- Viewing angle: 176° (H) / 176° (V)
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 4 trillion colors (14bit RGB)

Supported Display Resolution

- Computer formats: 640 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1360 x 768, 60Hz, 1920 x 1080i, 60Hz, 1920 x 1080p, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 24, 25, 30Hz, 1080p, 24, 50, 60Hz

Tuner/Reception/Transmission

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

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

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, Settings assistant Wizard, Side Control
- Clock: Smart Clock
- Screen Format Adjustments: unscaled (1080p dot by dot), 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle

- and Heading Shift, Super Zoom, Widescreen
- Multimedia: Digital media reader (browser), USB autobreak-in
- Remote Control: TV
- Remote control type: RC4350
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Picture in Picture: Text dual screen
- Teletext enhancements: Habit Watch, Program information Line

Sound

- Output power (RMS): 2x8W
- Sound System: Virtual Dolby Digital, BBE
- Sound Enhancement: Digital Signal Processing, Graphic Equaliser, Dynamic Bass Enhancement

Loudspeakers

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

Connectivity

- AV 1: (1, 2, 3Fh autoranging), Audio L/R in, CVBS in, S-Video, YPbPr
- AV 2: Audio L/R in, CVBS
- AV 3: (1, 2, 3Fh autoranging), Audio L/R in, YPbPr
- AV 4: HDMI, Audio L/R in
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, USB
- AV 5: HDMI
- AV 6: HDMI
- Other connections: Analog audio Left/Right out, S/PDIF out (coaxial)

Power

- Mains power: AC 220 - 240 V +/- 10%
- Ambient temperature: 5 °C to 35 °C
- Power consumption: 132 W
- Standby power consumption: 0.8 W

Accessories

- Included accessories: Tabletop swivel stand, RF antenna cable

Dimensions

- Set Width: 805 mm
- Set Height: 547 mm
- Set Depth: 115 mm
- Product weight: 14.3 kg
- Set height (with stand): 610 mm
- Set depth (with stand): 210 mm
- Product weight (+stand): 16.9 kg
- Box width: 910 mm
- Box height: 650 mm
- Box depth: 290 mm
- Weight incl. Packaging: 20.8 kg
- Wall mount compatible: 200 x 100 mm



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