



Philips
flat HDTV

81 cm (32")
LCD

32PF9630A



Turn up your viewing experience

with Pixel Plus 2 HD

Enjoy the ultimate viewing experience with this Philips integrated HDTV with premium picture quality from Pixel Plus 2 HD, and the latest in LCD technology. Share music and photos via the built-in USB connection.

Advanced connection to your audio/video products

- HDMI input for full digital HD connection in one cable

Be an eyewitness

- HD LCD WXGA display, with a 1366 x 768p resolution
- Integrated HDTV and CableCARD for unrivalled picture quality
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus 2 HD for great details, depth and clarity
- Active Control with Light Sensor optimizes picture quality

Access your digital content

- USB Connector for easy, instant multimedia playing

PHILIPS

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Highlights

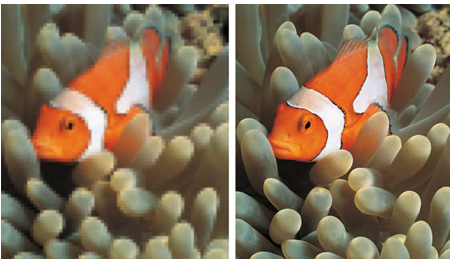
LCD WXGA display, 1366 x 768p

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.

HDTV

HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity and circuitry design.

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.

Digital Cable Ready

The CableCARD is a removable card distributed by the cable providers that is inserted in the TV. This enables the "Plug-and-Play DTV" functionality as agreed between cable operators and consumer electronics manufacturers. It allows the decoding of encrypted or scrambled content delivered from the cable system. CableCARD functionality includes conditional access and copy protection. A CableCARD-enabled television without a CableCARD inserted receives high-definition standard TV broadcasts. When a CableCARD is inserted, the television receives high-value high-definition, cable programming.

Active Control + Light Sensor

Active Control is a unique and intelligent way of optimizing picture quality by measuring and analyzing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

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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.

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
- Contrast ratio (typical): 800:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 176 degree
- Viewing angle (vertical): 176 degree
- Diagonal screen size (inch): 32 inch
- Diagonal screen size (metric): 80 cm
- Panel resolution: 1366 x 768p
- Picture enhancement: Progressive scan, Active Control + Light sensor, Jagged Line Suppression, Widescreen Plus, Pixel Plus 2 HD, Dynamic contrast enhancement, 3D Combfilter
- Brightness: 550 cd/m²
- Dynamic screen contrast: 2400:1
- Color cabinet: Pearl - White Silver (11092)
- Display screen type: LCD WXGA Active Matrix TFT
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1366 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

Sound

- Output power (RMS): 2x15W
- Sound System: Virtual Dolby Digital
- Sound Enhancement: Auto Volume Leveler, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser

Loudspeakers

- Built-in speakers: 2

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Use: Channel list, Delta Volume per preset, Smart Picture, Smart Sound, On Screen Display, Side Control
- Remote Control: VCR, DVD-R, DVD, Sat, CBL, Amp
- Screen Format Adjustments: 7 Widescreen Modes, Auto Format, Subtitle and Heading Shift

- Ease of Installation: Automatic Tuning System (ATS), PLL Digital Tuning, Plug & Play, Autostore
- Remote control type: RC4345
- Teletext: Closed Captioning Full Text
- Picture in Picture: HDMI-Component PIP

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: JPEG Still pictures, MP3, Slideshow files (.alb)
- Digital Content Management: Digital Media Reader

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Cable: Digital Cable Ready CableCARD, Unscrambled Digital Cable QAM

Connectivity

- Other connections: Cable Card Interface, Monitor out, CVBS, L/R (cinch), 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: S/PDIF digital coaxial, YPbPr, (1, 2, 3Fh autoranging)
- AV 4: HDMI
- AV 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, USB 2.0

Power

- Mains power: AC 110-120V (+/-10%)
- Power consumption: 160 W
- Standby power consumption: ≤ 2
- Ambient temperature: 5 °C to 40 °C

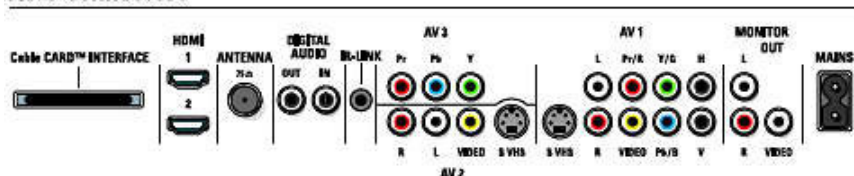
Dimensions

- Product weight (lb): 42.5 lb
- Wall mount compatible: 200 x 100 mm
- Product dimension (WxDxH) inch: 36.7 x 20.0 x 4.7" inch

Accessories

- Included accessories: Table top stand

Rear connectors



Side connectors



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