



Philips
widescreen flat TV with
Pixel Plus and Ambilight

81 cm (32")
LCD

32PF9966

The ultimate viewing experience

with Pixel Plus and Ambilight

The ultimate viewing experience of Ambilight and Pixel Plus pushes Picture Quality to new levels. The unprecedented viewing comfort of Ambilight, LCD technology and Plasma technology culminate in a daring and innovative design.

Better quality images that reveal more detail

- Pixel Plus for detail, depth and clarity
- 3D combfilter separates colors for a razor-sharp image
- Active Control with Light Sensor optimizes picture quality

Add a new dimension to your viewing

- Full-color ambient lighting enhances the viewing experience
- Digital Natural Motion for smooth moving images

Connects to your premium audio/video products

- HDMI input for full digital HD connection in one cable

Impressive sound

- Virtual Dolby Surround for a cinema-like audio experience

PHILIPS

widescreen flat TV
81 cm (32") LCD

32PF9966/37

Highlights

Pixel Plus

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

Ambilight

The full-color ambient lights offers you relaxed viewing and a unique ambiance via a soft light glow on the walls surrounding the TV. Research has shown that watching television with adapted ambient lighting promotes more relaxed TV viewing. The Ambilight colors automatically adapt to the images on the screen to add a new sensation to the viewing experience. The light can also be switched to fixed colors or various shades of white. In standby mode, the lights can be operated to any color and create a unique ambiance in the room.

Digital Natural Motion

Philips invented Digital Natural Motion to eliminate juddering effects that are visible with

moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

3D Combfilter

The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.

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.

Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

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
- Color cabinet: Pearl - White Silver (11092)
- Brightness: 450 cd/m²
- Contrast ratio (typical): 800:1
- Response time (typical): 12 ms
- Diagonal screen size: 32 inch / 80 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: Movie Plus, Pixel Plus, Digital Crystal Clear, Digital Natural Motion, 3D Combfiter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, Widescreen Plus
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 160 / 160 degree

Ambilight

- Ambilight Features: Auto adaptive to video content, Full operation in stand-by
- Color Settings: Full Multi Color
- Dimming Function: Manual and via Light Sensor
- Preset modes: 6 Preset modes and user preset, 2 Active Adaptive preset 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
1280 x 720p	3Fh
1920 x 1080i	2Fh
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh

Sound

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

Loudspeakers

- Built-in speakers: 4
- Loudspeaker types: Integrated woofers with

wOOx, Dome tweeter

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Installation: Automatic Tuning System (ATS), PLL Digital Tuning, Plug & Play
- Ease of Use: 9-channel smart surf list, Backlighted side controls, Channel list, Delta Volume per preset, Smart Picture, Smart Sound
- Remote Control: Universal
- Remote control type: RC4307
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Picture in Picture: 2 tuner PIP, Mozaic
- Teletext: Closed Captioning Full Text
- Remote control: TV, VCR, DVD/R, SAT, CBL, AMP

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: NTSC
- Video Playback: NTSC

Connectivity

- AV 1: (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, YPbPr, Y/C
- AV 2: (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, CVBS, RGB+H/V, YPbPr, Y/C
- AV 3: Audio L/R in, HDCP, HDMI (Digital Stream & S/PDIF)
- Other connections: Analog audio Left/Right out, Centre Speaker connection in, Monitor out, CVBS, L/R (cinch), Subwoofer out

Power

- Ambient temperature: 5 °C to 40 °C
- Mains power: AC 110-120V (+/-10%)
- Power consumption: 185 (tbc) W
- Standby power consumption: <2

Accessories

- Included accessories: Table top stand, Wall mounting bracket, HDMI-DVI adapter cable

Dimensions

- Product weight: 20 kg
- Weight incl. Packaging: 32 kg



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