



Philips
Widescreen flat TV with
Digital Crystal Clear

37"

plasma Progressive Scan

37PF9946



Turn up your viewing experience

with Digital Crystal Clear

An elegantly designed TV that delivers best-in-class picture quality for your home entertainment set up.

Vivid, natural and razor sharp images

- Enhanced-definition plasma WVGA display, 852x480p
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimised image quality
- Active Control with Light Sensor optimizes picture quality

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Multi-purpose convenience

- PC input lets you also use your TV as a PC monitor
- View PC content in a second window on your TV
- Twin page teletext allows simultaneous viewing of two pages
- 10 pages Smart Text for fast access to teletext.

PHILIPS

sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 1000 cd/m²
- **Contrast ratio (typical):** 3000:1
- **Diagonal screen size:** 37 inch / 94 cm
- **Display screen type:** WVGA Plasma panel
- **Picture enhancement:** Digital Crystal Clear, Progressive Scan, Comb filter digital, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Widescreen Plus
- **Screen enhancement:** Anti ageing circuit, Anti-Reflection coated screen
- **Viewing angle (horizontal):** 160 degree
- **Panel resolution:** 852 x 480p
- **Response time (typical):** 0 ms

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60, 70, 75Hz

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

Sound

- **Sound Enhancement:** Smart sound
- **Sound System:** Virtual Dolby Surround
- **Output power (RMS):** 2 x 15W

Loudspeakers

- **Built-in speakers:** 2

Convenience

- **Ease of Installation:** Auto volume leveller, Autostore, PLL Digital Tuning, Plug & Play
- **Ease of Use:** On Screen Display, Smart Picture Control, Top Controls
- **Remote control type:** RC4333/01
- **Teletext:** 10 page Smart Text
- **Picture in Picture:** Twin page text
- **Remote Control:** Multi-functional, Amp, DVD, TV
- **Screen Format Adjustments:** 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift

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

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, Y/C
- **Other connections:** Antenna IEC75
- **AV 3:** VGA PC-in, Audio L/R in
- **Front / Side connections:** Audio L/R in, CVBS in, S-video in

Power

- **Power consumption:** 200 W
- **Standby power consumption:** < 4 W
- **Mains power:** AC 220 - 240 V +/- 10%
- **Ambient temperature:** +5 /+ 40°C

Dimensions

- **Product weight:** 30 kg
- **Weight incl. Packaging:** 42 kg
- **Set dimensions (W x H x D):** 1130 x 600 x 85 mm

Accessories

- **Included Accessories:** Wall mounting bracket
- **Optional accessories:** Floor stand

Product highlights

Plasma WVGA panel, 852 x 480p

This WVGA display with state-of-the-art plasma screen technology has an enhanced widescreen resolution of 852 x 480p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimises picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Active Control and Light Sensor

Active Control is a unique and intelligent way of optimising picture quality by measuring and analysing 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.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Picture in Graphics

Picture-in-Graphics is a small window in the main picture, allowing to watch data/graphics in your main TV screen. It provides the ability to simultaneously watch data/graphics and the TV.

Twin page teletext

Twin page teletext allows you to simultaneously view two teletext pages side by side

10 page Smart Text

The teletext is a common system transmitted by most broadcasters. The 10 page smart text feature gives you fast access to information when changing pages.

stereo system						transmission system					
2CS DK	NICAM DK	2CS BG	NICAM BG	NICAM I	NICAM LL'	PAL BG	PAL DK	PAL I	SECAM BG	SECAM DK	SECAM LL'
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