



Philips
widescreen flat TV with
Pixel Plus

50"

plasma HD Ready

50PF7321



Turn up your viewing experience

Pixel Plus

Experience the superior picture quality of this excellent Flat TV with the latest PDP technology and Pixel Plus. It's packed into a stunning design that will complement your interior.

Breathtaking natural pictures

- High Definition plasma WXGA display, 1366 x 768p
- HD ready for the highest quality display of HDTV signals
- Pixel Plus for better detail, depth and clarity
- 3D comb filter separates colours for a razor-sharp image
- Active Control optimises picture quality whatever the source

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

Designed for your convenience

- Turn your TV screen into a mosaic of different channels

For advanced performance

- HDMI for full digital High Definition connection

PHILIPS

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50" plasma HD Ready

Technical specifications

Picture / Display

- **Aspect ratio:** 16:9, Widescreen
- **Brightness:** 1400 cd/m²
- **Contrast ratio (typical):** 10000:1
- **Diagonal screen size:** 50 inch / 127 cm
- **Display screen type:** WXGA Plasma panel
- **Picture enhancement:** Pixel Plus, Progressive scan, 3/2 - 2/2 motion pull down, Contrast plus, Digital noise reduction, 3D combfilter, Jagged line suppression, Active Control, Luminance transient improver
- **Screen enhancement:** Anti ageing circuit, Anti reflection coated screen
- **Panel resolution:** 1366 x 768p
- **Viewing angle:** 160° (H) / 160° (V)
- **Response time (typical):** 3 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 480p	2Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound

- **Sound enhancement:** Dynamic bass enhancement, Auto volume leveller
- **Sound system:** Virtual dolby surround, Stereo
- **Output power (RMS):** 2 x 15W
- **Equaliser:** 5-bands

Loudspeakers

- **Built-in speakers:** 4
- **Loudspeaker types:** Dome tweeter

Convenience

- **Ease of installation:** Auto store, Plug & Play, Auto programme naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Fine tuning, Program name, Sorting
- **Ease of Use:** Side Control, Smart picture control, Smart sound control, Auto volume leveller (AVL), Program list, Watch analogue/record digital, Easy toggle Dig/Analogue modes
- **Remote control type:** RCFE06FRS00
- **Teletext:** 1,000 page Smart Text
- **Picture in Picture:** Picture in graphics

- **Remote control:** DVD, TV, Aux
- **Screen format adjustments:** 4:3, Subtitle Zoom, Super Zoom, Widescreen, Movie expand 14:9, Movie expand 16:9
- **Clock:** Sleep timer, Wake up clock
- **Teletext enhancements:** 4 favourite pages, Program information line

Tuner / Reception / Transmission

- **Tuner bands:** Hyper band, S channel, UHF, VHF
- **Video playback:** NTSC, PAL, SECAM
- **Aerial input:** 75 ohm coaxial (IEC75)
- **Tuner display:** PLL
- **Number of preset channels:** 100
- **TV system:** PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L'

Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, S video in
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S video in
- **Ext 4:** YPbPr
- **Ext 6:** HDMI
- **Ext 5:** HDMI
- **Number of scarts:** 2

Power

- **Power consumption:** 240 W Normal Operation W
- **Standby power consumption:** < 1 W
- **Mains power:** AC 220 - 240 V +/- 10%
- **Ambient temperature:** 5 °C to 40 °C

Dimensions

- **Product weight:** 57.3 kg
- **Weight incl. packaging:** 63 kg
- **Set Width:** 1425 mm
- **Colour cabinet:** Black with Tempered Glass Deco Front
- **VESA wall mount compatible:** 800,400 mm
- **Box dimensions (W x H x D):** 1504 x 1002 x 374 mm
- **Dimensions (with base) (H x D):** 856 x 325 mm

Accessories

- **Included accessories:** Table top stand, Power cord, Quick start guide, Registration card, Remote control, RF cable, User manual, Warranty certificate, Batteries for remote control
- **Optional accessories:** Floor stand

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Product highlights

Plasma WXGA panel, 1366 x 768p

This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures in with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. 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 an HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Pixel Plus

Uses the power of the Pixel Plus processor to increase 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.

3D combfilter

The 3D comb filter separates brightness and colour signals better in 3D domain to eliminate cross-colour, cross-luminance and dot-crawl distortion. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the colour 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

Active Control ensures that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture settings over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimised.

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.

Compact and slim design

This design style emphasises a slim, compact look that saves space and fits in anywhere.

Multiple PiP Modes

Multiple Picture-in-Picture modes allow you to simultaneously watch two video sources either picture-in-picture, side by side, or in a mosaic-view with still images.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating any conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal delivers reduced flicker and leads to a clearer picture. HDMI will intelligently communicate 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.



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