

Philips
widescreen flat TV

107 cm (42")
plasma

42PF5321



Turn up your viewing experience

with Digital Crystal Clear

The latest plasma display technology delivers razor sharp images and brilliant colours for extra viewing enjoyment in your home entertainment set-up.

Vivid, natural and razor sharp images

- Enhanced-definition plasma WVGA display, 852 x 480p
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimised image quality
- 3D combfilter 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 input for full digital HD connection in one cable

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42PF5321/10

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, colour and sharpness levels. It's like watching vivid cinema-like images.

3D Combfilter

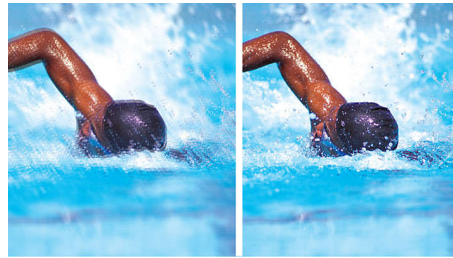
The 3D combfilter separates brightness and colour signals better in 3D domain to eliminate cross-colour, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital combfilter performs field-by-field comparisons of the television image to accurately separate 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 the picture setting over 3000 times per minute, Active Control Plus ensures that the viewing experience is optimised.

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, it writes both fields at the same 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.

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 conversion to an analogue 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 backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Specifications

Picture/Display

- Aspect ratio: Widescreen, 15:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: Bicolour High Gloss Black and Silver Frost
- Panel resolution: 852 x 480p
- Brightness: 1100 cd/m²
- Picture enhancement: Digital Crystal Clear, Progressive scan, 3/2 - 2/2 motion pull down, Contrast Plus, Digital Noise Reduction, 3D Combfilter, Jagged Line Suppression, Active Control
- Contrast ratio (typical): 7000:1
- Display screen type: WVGA Plasma panel
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 160 degree
- Screen enhancement: Anti-Reflection coated screen, Anti-ageing circuit

Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75 Hz, 800 x 600, 56, 60, 72, 75 Hz, 1024 x 768, 60, 70, 75 Hz
- Video Formats: 640 x 480p - 2Fh, 720 x 576p - 2Fh, 1280 x 720p - 3Fh, 1920 x 1080i - 2Fh

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, SECAM
- Number of Pre-set Channels: 100
- Video Playback: NTSC, PAL, SECAM
- Tuner Display: PLL

Convenience

- Ease of Installation: Autostore, Plug and Play, Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Fine Tuning, Programme Name, Sorting
- Ease of Use: Side Control, Smart Picture, Smart Sound, Auto Volume Leveller (AVL), Programme List
- Clock: Sleep Timer, Wake-up Clock
- Screen Format Adjustments: 4:3, Subtitle Zoom, Super Zoom, Widescreen, Movie expand 14:9, Movie expand 16:9
- Remote Control: DVD, Multi-functional, TV
- Remote control type: RCFE06SPS00

- Teletext: 500-page Smart Text
- VESA Mount: 800 x 400 mm
- Teletext enhancements: 4 favourite pages, Programme information Line

Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 15 W
- Sound System: Virtual Dolby Surround, Stereo
- Sound Enhancement: Dynamic Bass Enhancement, Auto Volume Leveller

Loudspeakers

- Built-in speakers: 2

Connectivity

- Number of Scarts: 2
- Front/Side connections: Audio L/R in, CVBS in, Headphones Out, S-video in
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in
- Other connections: Antenna IEC75
- Ext 4: YPbPr
- Ext 5: HDMI
- Ext 6: HDMI

Power

- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 40°C
- Power consumption: 220 W Normal Operation W
- Standby power consumption: ≤ 2 W

Accessories

- Included accessories: Tabletop stand, Power cord, Quick start guide, Registration card, Remote Control, User Manual, Batteries for remote control, Warranty certificate, RF antenna cable
- Optional accessories: Floor stand

Dimensions

- Product weight: 39.2 kg
- Box width: 1328 mm
- Box height: 930 mm
- Box depth: 330 mm
- Weight incl. Packaging: 47 kg
- Wall-mount compatible: 0
- Width (with base): 1236 mm
- Height (with base): 720 mm
- Depth (with base): 280 mm



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