



Philips
widescreen flat TV with
Digital Crystal Clear

107cm (42")
plasma

42PF5321



Turn up your viewing experience

with Digital Crystal Clear

The latest plasma display technology delivers razor sharp images and brilliant colors for extra viewing enjoyment in 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
- 3D combfilter separates colors for a razor-sharp image
- Active Control optimizes picture quality whatever the source
- Progressive Scan component video for optimized image quality

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

PHILIPS

widescreen flat TV
107cm (42") plasma

42PF5321/12

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 colors. 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 optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

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

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

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.

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 emphasizes 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 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: Widescreen, 15:9
- Brightness: 1100 cd/m²
- Contrast ratio (typical): 7000:1
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: WVGA Plasma panel
- Color cabinet: Bicolour High Gloss Black and Silver Frost
- 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
- Screen enhancement: Anti-Reflection coated screen, Anti ageing circuit
- Panel resolution: 852 x 480p
- Viewing angle (H / V): 160 / 160 degree

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
- Equalizer: 5-bands

Loudspeakers

- Built-in speakers: 2

Convenience

- Ease of Installation: Autostore, Plug & Play, Auto Program Naming, Automatic Channel Install(ACI),

- Automatic Tuning System (ATS), Fine Tuning, Program Name, Sorting
- Ease of Use: Side Control, Smart Picture, Smart Sound, Auto Volume Leveller (AVL), Program List
- Remote control type: RCFE06SPS00
- Remote Control: DVD, Multi-functional, TV
- Screen Format Adjustments: 4:3, Subtitle Zoom, Super Zoom, Widescreen, Movie expand 14:9, Movie expand 16:9
- Clock: Sleep Timer, Wake up Clock
- VESA Mount: 800 x 400 mm
- Teletext enhancements: 4 favourite pages, Program information Line
- Teletext: 500 page Smart Text

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)
- Tuner Display: PLL
- Number of Preset Channels: 100

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
- Number of Scarts: 2
- Other connections: Antenna IEC75
- Ext 4: YPbPr
- Ext 5: HDMI
- Ext 6: HDMI

Power

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

Dimensions

- Product weight: 39.2 kg
- Weight incl. Packaging: 47 kg
- VESA wall mount compatible: 0

- Box dimensions (W x H x D): 1328 x 930 x 330 mm
- Dimensions (without base) (W x H x D): 1236 x 679 x 103 mm
- Dimensions (with base) (W x H x D): 1236 x 720 x 280 mm

Accessories

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

Stereo system					Transmission system					
2CS DK	NICAM DK	2CS BG	NICAM I	NICAM LL	PAL BG	PAL D/K	PAL I	SECAM BG	SECAM DK	SECAM LL
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