Philips
widescreen flat TV

107 cm (42")
plasma
Progressive Scan

42PF5620

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
- High Definition plasma WXGA display, 1024 x 1024i
- HD Ready for the highest quality display of HD signals
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimised image quality
- Active Control with Light Sensor optimises picture quality

Superb sound reproduction
- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior
- Matching stand with elegant design included

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Highlights

Plasma WXGA panel, 1024 x 1024i

This state-of-the-art plasma screen technology gives you widescreen HD resolution of 1024 x 1024i pixels. It produces brilliant flicker-free pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.
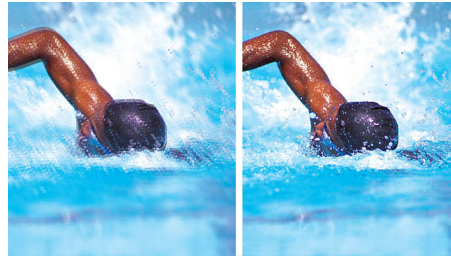
HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. 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 the resolution and picture quality of a High Definition 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 60 Hz.

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.

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.

Active Control + 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 lighting 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.

Tabletop stand included

A tabletop stand with matching design is packed with the set.

Specifications

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: Silver frost with digital silver inner frame
- Panel resolution: 1024 x 1024i
- Brightness: 1200 cd/m²
- Picture enhancement: Progressive scan, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Contrast Plus, Digital Noise Reduction, Dynamic contrast, 3D Combfilter, Jagged Line Suppression
- Contrast ratio (typical): 3000:1
- Display screen type: WXGA Plasma panel, Plasma HD panel
- Viewing angle: 160° (H)/160° (V)
- Screen enhancement: Anti-Reflection coated screen

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, 1280 x 1024, 60 Hz
- Video Formats: 640 x 480i - 1Fh, 640 x 480p - 2Fh, 720 x 576i - 1Fh, 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
- Screen Format Adjustments: Auto Format, 4:3, Subtitle Zoom, Super Zoom, Widescreen, Zoom 14:9, Zoom 16:9, Subtitle and Heading Shift
- Remote Control: Amp, DVD, Multi-functional, TV
- Remote control type: RCFE05SPS00
- Teletext: Smart Text
- Picture in Picture: Picture in graphics, Twin page text

Sound

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

Loudspeakers

- Built-in speakers: 2

Connectivity

- AV 3: DVI-I with HDCP, Audio-in mini jack 3.5 mm
- 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

Power

- Mains power: AC 110 - 240 V, 50/60 Hz
- Ambient temperature: 5°C to 40°C
- Power consumption: 195 W
- Standby power consumption: < 2 W

Accessories

- Included accessories: Tabletop stand, Power cord, Quick start guide, Registration card, Remote Control, RF antenna cable, User Manual, Warranty certificate, DVI-I to YPbPr cable
- Optional accessories: Floor stand

Dimensions

- Set Width: 1240 mm
- Set Height: 680 mm
- Set Depth: 104 mm
- Product weight: 38 kg
- Weight incl. Packaging: 47 kg
- Stand width: 820 mm
- Stand height: 40 mm
- Stand depth: 280 mm
- Wall-mount compatible: 800 x 400 mm

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