

Philips
widescreen flat TV

107 cm (42")

plasma
Progressive Scan

42PF5320



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
- Active Control with Light Sensor optimises picture quality

Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity

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

One-touch convenience

- View PC content in a second window on your TV
- Smart Picture and Smart Sound to personalise your viewing

PHILIPS

Highlights

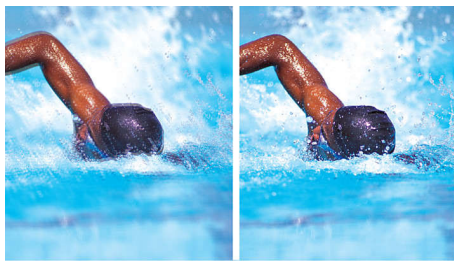
Plasma WVGA panel, 852 x 480p

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.

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.

Picture in Graphics

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

the ability to simultaneously watch data/graphics and the TV.

Smart Picture and Smart Sound

Philips pre-set modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimised picture and sound settings for the various picture and sound modes.

DVI-I Input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noise-free image that is clear and flicker-free. The DVI input supports HDCP copy protection that allows viewing of copy protected programmes from Digital Set-top boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.

Specifications

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: Silver Frost
- Panel resolution: 852 x 480p
- Brightness: 1500 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): 10000:1
- Display screen type: WVGA Plasma 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 220-240 V +/- 10%
- Ambient temperature: 5°C to 40°C
- Power consumption: 195 W
- Standby power consumption: < 2 W

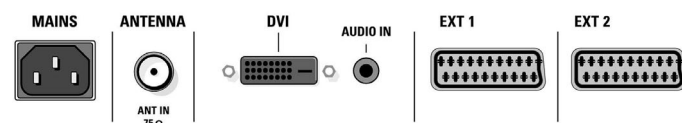
Accessories

- Included accessories: Tabletop stand, Power cord, Quick start guide, Registration card, Remote Control, RF antenna cable, User Manual, Warranty certificate
- 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

Rear connectors



Side connectors



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