



Philips  
widescreen flat TV with  
Digital Crystal Clear

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, 1024x1024i
- HD ready for the highest quality display of HDTV signals
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimized 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



# PHILIPS

sense and simplicity

## Specifications

### Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 1200 cd/m<sup>2</sup>
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** WXGA Plasma panel, Plasma HD panel
- **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
- **Screen enhancement:** Anti-Reflection coated screen
- **Panel resolution:** 1024 x 1024i
- **Viewing angle:** 160° (H) / 160° (V)
- **Contrast ratio (typical):** 3000:1

### 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
1280 x 1024	60Hz

#### • Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

### Sound

- **Sound Enhancement:** Dynamic Bass Enhancement
- **Sound System:** Virtual Dolby Surround
- **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 Control, Smart Sound Control, Auto Volume Leveller

- (AVL), Program List
- **Remote control type:** RCFE05SPS00
- **Teletext:** Smart Text
- **Picture in Picture:** Picture in graphics, Twin page text
- **Remote Control:** Amp, DVD, Multi-functional, TV
- **Screen Format Adjustments:** Auto Format, 4:3, Subtitle Zoom, Super Zoom, Widescreen, Zoom 14:9, Zoom 16:9, Subtitle and Heading Shift
- **Clock:** Sleep Timer

### 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
- **AV 3:** DVI-I with HDCP, Audio-in mini jack 3.5mm
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in

### Power

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

### Dimensions

- **Product weight:** 38 kg
- **Weight incl. Packaging:** 47 kg
- **Set dimensions (W x H x D):** 1240 x 680 x 104 mm
- **Colour cabinet:** Silver frost with digital silver inner frame
- **VESA wall mount compatible:** 800,400 mm
- **Stand dimensions (W x H x D):** 820 x 40 x 280 mm

### Accessories

- **Included Accessories:** Table top 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

## Product 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 a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HD-DVD. 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 a 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.

### Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes 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, 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.

### Active Control + Light Sensor

Active Control is a unique and intelligent way of optimizing 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 light 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.

### Bypacked tabletop stand

A table-top stand with matching design is packed with the set.

