



Philips  
widescreen flat TV with  
Digital Crystal Clear

107cm (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 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
- Progressive Scan component video for optimized image quality
- Active Control with Light Sensor optimizes 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

### **One touch convenience**

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

### **Leading interface for digital quality audio/video**

- DVI-I provides the best picture and flexible connectivity

# 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 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.

## 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 analyzing 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.

## Picture in Graphics

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

## Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized 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 analog, 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 programs from Digital Settop 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 analog PC-VGA signals.



# Specifications

## Picture/Display

- Aspect ratio: 16:9
- Brightness: 1500 cd/m<sup>2</sup>
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: WVGA Plasma 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
- Color cabinet: Silver Frost
- Screen enhancement: Anti-Reflection coated screen
- Panel resolution: 852 x 480p
- Viewing angle: 160° (H) / 160° (V)
- Contrast ratio (typical): 10000:1

## 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, Smart Sound, 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

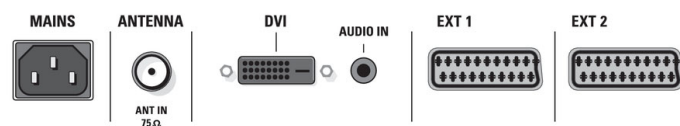
- Power consumption: 195 W
- Standby power consumption: < 2 W
- Mains power: AC 220 - 240 V +/- 10%
- Ambient temperature: 5 °C to 40 °C

## Dimensions

- Product weight: 38 kg
- Weight incl. Packaging: 47 kg
- Set dimensions (W x H x D): 1240 x 680 x 104 mm
- Wall mount compatible: 800 x 400 mm
- Stand dimensions (W x H x D): 820 x 40 x 280 mm

stereo system						transmission system					
2CS DK	NICAM DK	2CS BG	NICAM BG	NICAM I	NICAM LL'	PAL BG	PAL DK	PAL I	SECAM BG	SECAM DK	SECAM LL'
•	•	•	•	•	•	•	•	•	•	•	•

## Rear connectors



## Side connectors



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## Accessories

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