



Philips
widescreen flat TV with
Digital Crystal Clear

42"

plasma HD Ready

42PF5331



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

- HD Plasma panel, 1024 x 1080i
- HD ready for the highest quality display of HDTV signals
- Digital Crystal Clear provides vivid cinema-like images
- 3D comb filter separates colours for a razor-sharp image
- Active Control optimises picture quality whatever the source

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 for full digital High Definition connection

PHILIPS

Technical specifications

Picture / Display

- **Aspect ratio:** Widescreen, 16:9
- **Brightness:** 1400 cd/m²
- **Contrast ratio (typical):** 3000:1
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** HD plasma panel
- **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:** 1024 x 1080i
- **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
- **Equaliser:** 5-bands

Loudspeakers

- **Built-in speakers:** 2

Convenience

- **Ease of installation:** Auto store, Plug & Play, Auto programme 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:** 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:** Hyper band, 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

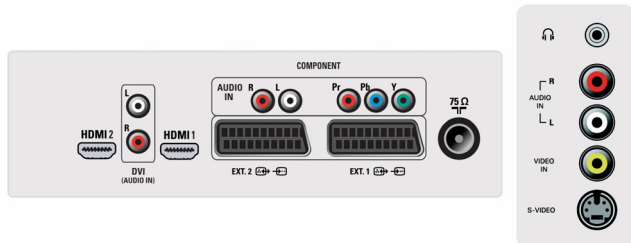
- **Product weight:** 39.2 kg
- **Weight incl. packaging:** 47 kg

- **Set dimensions (W x H x D):** 1236 x 679 x 103 mm
- **Colour cabinet:** Bicolour High Gloss Black and Silver Frost
- **VESA wall mount compatible:** 0 mm
- **Box dimensions (W x H x D):** 1328 x 930 x 330 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 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 DK	PAL I	SECAM BG	SECAM DK	SECAM LL
•	•	•	•	•	•	•	•	•	•	•



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Specifications are subject to change without notice.
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42PF5331/10



Product highlights

HD Plasma panel, 1024 x 1080i

This state-of-the-art plasma screen technology gives you widescreen HD resolution of 1024 x 1080i 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 HDVD. 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 optimises picture quality to optimal contrast, colour and sharpness levels. It's like watching vivid cinema-like images.

3D combfilter

The 3D comb filter separates brightness and colour signals better in 3D domain to eliminate cross-colour, cross-luminance and dot-crawl distortion. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the colour 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 optimised.

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 for additional rear speakers. You become totally immersed in your television experience.

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 any conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal delivers reduced flicker and leads to a clearer picture. HDMI will intelligently communicate 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.

