



Philips
widescreen flat TV with
Digital Crystal Clear

32"

LCD HD Ready

32PF5420



Turn up your viewing experience with Digital Crystal Clear

Here is a wonderful new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Digital Crystal Clear for natural, vivid images and Virtual Dolby Surround for superb audio.

Vivid, natural and razor sharp images

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD ready for the highest quality display of HDTV signals
- Digital Crystal Clear provides vivid cinema-like images
- 3D combfilter separates colours for a razor-sharp image
- 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

- Compact and slim design that fits in every room

Designed for your convenience

- View PC content in a second window on your TV

For advanced performance

- DVI-I provides the best picture and flexible connectivity

PHILIPS
sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** 16:9, Widescreen
- **Brightness:** 500 cd/m²
- **Contrast ratio (typical):** 600:1
- **Diagonal screen size:** 32 inch / 80 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Panel resolution:** 1366 x 768p
- **Picture enhancement:** 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Contrast Plus, Digital Crystal Clear, Digital Noise Reduction, Jagged Line Suppression, Progressive Scan
- **Response time (typical):** 8 ms
- **Screen enhancement:** Anti-Reflection coated screen
- **Viewing Angle (H / V):** 176 / 176 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 480i | 1Fh |
| 640 x 480p | 2Fh |
| 720 x 576i | 1Fh |
| 720 x 576p | 2Fh |
| 1280 x 720p | 3Fh |
| 1920 x 1080i | 2Fh |

Sound

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

Loudspeakers

- **Built-in speakers:** 2

Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **Number of Preset Channels:** 100
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **Tuner Display:** PLL
- **TV system:** PAL, SECAM
- **Video Playback:** NTSC, PAL, SECAM

Connectivity

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

- **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

Convenience

- **Clock:** Sleep Timer
- **Ease of Installation:** Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug & Play, Program Name, Sorting
- **Ease of Use:** Auto Volume Leveller (AVL), Graphical User Interface, Program List, Smart Picture Control, Smart Sound Control
- **Picture in Picture:** Picture in graphics, Twin page text
- **Remote Control:** Amp, DVD, Multi-functional, TV
- **Remote control type:** RCFE05SPS00
- **Screen Format Adjustments:** 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- **Teletext:** 10 page Smart Text
- **Teletext enhancements:** Program information Line
- **VESA Mount:** 200 x 100 mm

Accessories

- **Included Accessories:** Batteries for remote control, DVI-I to YPbPr cable, Power cord, Quick start guide, Registration card, Remote Control, Table top stand, User Manual

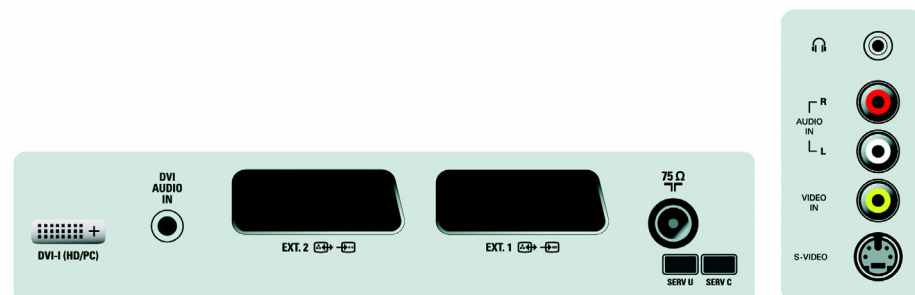
Dimensions

- **Box dimensions (W x H x D):** 1000 x 690 x 240 mm
- **Colour cabinet:** Silver Frost with Digital Silver Deco Front
- **Dimensions (with base) (W x H x D):** 924 x 550 x 222 mm
- **Product weight:** 18.2 kg
- **Set dimensions (W x H x D):** 924 x 511 x 118 mm
- **Weight incl. Packaging:** 22 kg

Power

- **Ambient temperature:** +5 -/+ 40 C
- **Power consumption:** 120 W Normal Operation W
- **Standby power consumption:** 1 W <

| Stereo system | | | | | Transmission system | | | | | |
|---------------|----------|--------|---------|----------|---------------------|---------|-------|----------|----------|----------|
| 2CS DK | NICAM DK | 2CS BG | NICAM I | NICAM LL | PAL BG | PAL D/K | PAL I | SECAM BG | SECAM DK | SECAM LL |
| • | • | • | • | • | • | • | • | • | • | • |





Product highlights

LCD WXGA display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p 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.

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.

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 - all of which detract from your viewing pleasure. 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 + 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.

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.

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 programs 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.



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