Philips
widescreen flat TV

42"
LCD
HD Ready

42PF5421

Turn up your viewing experience

with Digital Crystal Clear

Experience the superior picture quality of this excellent Flat TV with the latest LCD technology. It's packed into a stunning design that will complement your interior.

Vivid, natural and razor sharp images
- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimised 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

For advanced performance
- HDMI input for full digital HD connection in one cable

PHILIPS

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.
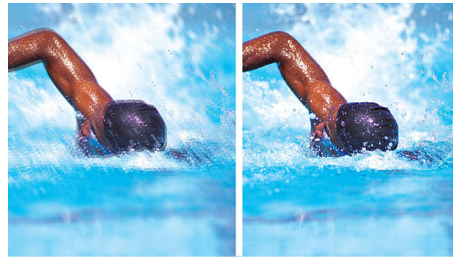
HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. 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 an HD screen that displays the benefits of the resolution and picture quality of a High Definition 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 60 Hz.

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.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Specifications

Picture/Display
- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 1366 x 768p
- Brightness: 550 cd/m²
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Contrast Plus, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast, Jagged Line Suppression, Progressive scan
- Contrast ratio (typical): 800:1
- Display screen type: LCD WXGA Active Matrix TFT
- Response time (typical): 8 ms
- Viewing angle: 176° (H)/176° (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, 1024 x 768, 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, SECAM, PAL
- Tuner Display: PLL

Convenience
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug and Play, Programme Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Programme List, Side Control, Smart Picture, Smart Sound
- Clock: Sleep Timer
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Remote Control: TV, DVD, Multi-functional
- Remote control type: RCFE06FRS00 RC 1683701

- Teletext: 500-page Smart Text
- VESA Mount: Vesa compliant
- Picture in Picture: Picture in graphics
- Teletext enhancements: Programme information Line

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
- 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
- Ext 3: YPbPr
- Ext 4: HDMI
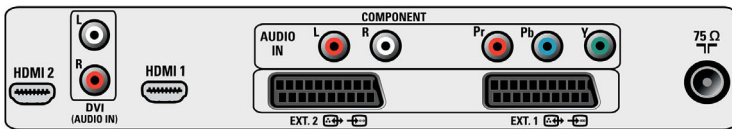- Ext 5: HDMI

Power
- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 40°C
- Power consumption: 246 W
- Standby power consumption: 0.82 W

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

Dimensions
- Set Width: 1237 mm
- Set Height: 688 mm
- Set Depth: 110 mm
- Product weight: 31.5 kg
- Set height (with stand): 734 mm
- Set depth (with stand): 280 mm
- Weight incl. Packaging: 39 kg
- Stand width: 820 mm
- Stand height: 45 mm
- Stand depth: 280 mm
- Wall-mount compatible: 800 x 400 mm

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