



Philips
widescreen flat TV with
Pixel Plus

42"

plasma HD Ready

42PF7520G



Turn up your viewing experience

with Pixel Plus

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

Breathtaking natural pictures

- High-definition plasma WXGA display, 1024x768p
- HD Ready for the highest quality display of HD signals
- Pixel Plus for detail, depth and clarity
- 3D combfilter separates colors for a razor-sharp image
- Active Control optimizes 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

- View PC content in a second window on your TV

For advanced performance

- HDMI input for full digital HD connection in one cable

PHILIPS
sense and simplicity

Highlights

Plasma WXGA Panel, 1024 x 768p

This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1024 x 768p 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.

HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. 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 signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or

HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Pixel Plus

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

3D Combfilter

The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, 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 color 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 optimized.

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.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog 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 backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.



Specifications

Picture/Display

- Aspect ratio: Widescreen, 15:9
- Brightness: 1400 cd/m²
- Contrast ratio (typical): 3000:1
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: Plasma HD panel
- Picture enhancement: Progressive Scan, 3/2 - 2/2 motion pull down, 3D Combfilter, Contrast Plus, Digital Noise Reduction, Jagged Line Suppression, Active Control, Luminance Transient Improver, Pixel Plus
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen
- Viewing angle (H / V): 160 / 160 degree
- Panel resolution: 1024 x 768p

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

Loudspeakers

- Built-in speakers: 2

Convenience

- Ease of Installation: Autostore, Auto Program Naming, Fine Tuning, Program Name, Sorting
- Ease of Use: Side Control, Smart Picture, Program List, Smart Sound
- Remote control type: RCFE06SPS00
- Picture in Picture: Picture in graphics, Twin page text
- 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: 10 page Smart Text
- Teletext enhancements: 4 favourite pages, Program information Line
- Child Protection: Child Lock

Tuner/Reception/Transmission

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

Connectivity

- AV 1: Audio L/R in, YPbPr (2fh)
- AV 2: Audio L/R in, CVBS
- AV 3: VGA PC-in, Audio L/R in, YPbPr (2Fh)
- AV 4: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in
- AV 5: HDMI
- Number of AV connections: 5

Power

- Power consumption: 310 W Normal Operation W
- Standby power consumption: < 2 W
- Mains power: AC 110 - 240V +/- 10%
- Ambient temperature: 5 °C to 40 °C

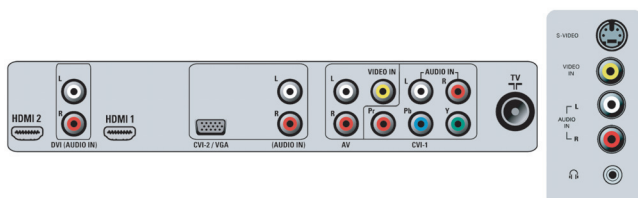
Dimensions

- Product weight: 39 kg
- Weight incl. Packaging: 47 kg
- Set dimensions (W x H x D): 1236 x 679 x 103 mm
- Color cabinet: Bicolour High Gloss Black and Silver Frost
- 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, Wall mounting bracket, Power cord, Quick start guide, Remote Control, User Manual, Batteries for

- remote control, Warranty certificate
- Optional accessories: Floor stand



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