



Philips  
widescreen flat TV with  
Pixel Plus

50"

plasma HD Ready

50PF7320



# 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, 1366 x 768p
- HDTV Monitor for the highest quality display of HDTV signals
- Pixel Plus for detail, depth and clarity
- 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

#### **Stylish design**

- Matching stand with elegant design included

#### **One touch convenience**

- View PC content in a second window on your TV

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

- HDMI input for full digital HD connection in one cable

# PHILIPS

sense and simplicity

# Highlights

## Plasma WXGA panel, 1366 x 768p

This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures in with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

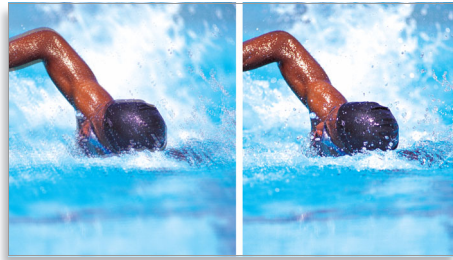
## HDTV Monitor

HDTV is the latest and best television signal available. It produces picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity

## 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.

## 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.

## 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: 16:9
- Brightness: 1500 cd/m<sup>2</sup>
- Diagonal screen size: 50 inch / 127 cm
- Display screen type: WXGA Plasma panel
- Picture enhancement: Pixel Plus, Progressive Scan, Active Control + Light sensor, 3/2 - 2/2 motion pull down, 3D Combfilter, Contrast Plus, Digital Noise Reduction, Dynamic contrast, Jagged Line Suppression
- Screen enhancement: Anti-Reflection coated screen
- Panel resolution: 1366 x 768p
- Response time (typical): 0 ms
- 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 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, 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, Auto

- Volume Leveller (AVL), Program List, Smart Sound
- Remote control type: RCFE05SPS00
- Teletext: 10 page Smart Text
- Picture in Picture: Picture in graphics, Twin page text
- Remote Control: Amp, DVD, Multi-functional, TV
- Screen Format Adjustments: Auto Format, Subtitle and Heading Shift, 4:3, Subtitle Zoom, Super Zoom, Widescreen, Zoom 14:9, Zoom 16:9
- Clock: Sleep Timer

## Tuner/Reception/Transmission

- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC, PAL, SECAM
- 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
- AV 2: Audio L/R in, CVBS, S-Video Y/C
- AV 3: VGA PC-in, HDMI compatible
- AV 4: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in

## Power

- Power consumption: 450 W
- Standby power consumption: < 2 W
- Mains power: AC 90 - 276V +/- 10%
- Ambient temperature: 5 °C to 40 °C

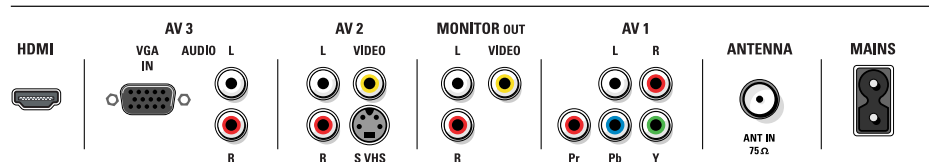
## Dimensions

- Product weight: 50 kg
- Weight incl. Packaging: 64 kg
- Set dimensions (W x H x D):  
1415 x 780 x 104 mm
- Color cabinet: Bicolour Black and Silver Frost
- VESA wall mount compatible: 800 x 400 mm

## Accessories

- Included Accessories: Table top stand, Wall mounting bracket, DVI-I to VGA adapter, Power cord, Quick start guide, Registration card, Remote Control, RF antenna cable, User Manual, Warranty certificate, VGA to YPbPr-Cinch cable
- Optional accessories: Floor stand

## Rear connectors



## Side connectors



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