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

- Active Control with Light Sensor optimizes picture quality
- Progressive Scan component video for optimized image quality
- Pixel Plus for detail, depth and clarity
- High Definition plasma WXGA display, 1366 x 768p
- HD ready for the highest quality display of HDTV signals

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

One touch convenience

- Smart Picture and Smart Sound to personalize your viewing

Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity

PHILIPS

sense and simplicity

Widescreen flat TV with Pixel Plus
50" plasma HD Ready

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 1500 cd/m²
- 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, Auto Volume Leveller (AVL), Program List, Smart Picture Control, Smart Sound Control
- Remote control type: RCFE05SPS00
- Teletext: 100 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: PAL, SECAM
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner Display: PLL
- Number of Preset Channels: 100

Connectivity
- AV 3: DVI-I with HDCP, Audio-in mini jack 3.5mm
- Front / Side connections: Audio L/R in, CVBS in, Headphone 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

Power
- Power consumption: 450 W
- Standby power consumption: < 2 W
- Mains power: AC 110 - 240 V, 50/60 Hz
- Ambient temperature: +5 /+ 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
- Colour cabinet: Bicolour High Gloss Black and Silver Frost
- VESA wall mount compatible: 800,400 mm
- Stand dimensions (W x H x D): 820 x 40 x 280 mm

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

Product 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.

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.

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 and 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 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.

Smart Picture and Smart Sound
Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

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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