



Philips
widescreen flat TV with
Pixel Plus and Digital
Crystal Clear

42"

plasma Progressive Scan

42PF7320Z



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

- Enhanced-definition plasma WVGA display, 852x480p
- Pixel Plus for detail, depth and clarity
- Digital Crystal Clear provides vivid cinema-like images
- 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

Specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 1500 cd/m²
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** WVGA 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:** 852 x 480p
- **Viewing angle:** 160° (H) / 160° (V)
- **Contrast ratio (typical):** 13000:1

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 768	60Hz
1280 x 960	60, 85Hz
720 x 400	70Hz
720 x 480	60Hz
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

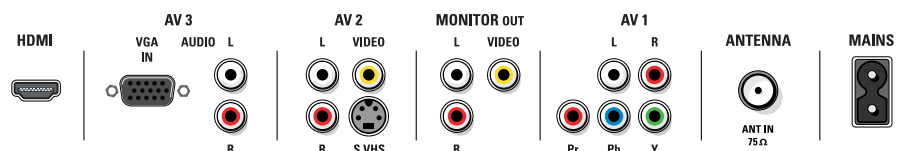
Loudspeakers

- **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 Control,

Rear connectors



Side connectors



Auto Volume Leveller (AVL), Program List, Smart Sound Control

- **Remote control type:** RCFE05SPS00
- **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, NTSC, 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:** 230 W
- **Standby power consumption:** < 2 W
- **Mains power:** AC 90 - 276V +/- 10%
- **Ambient temperature:** 5 °C to 40 °C

Dimensions

- **Product weight:** 38 kg
- **Weight incl. Packaging:** 54 kg
- **Set dimensions (W x H x D):** 1240 x 680 x 104 mm
- **Color cabinet:** Bicolour Grey and Silver Frost
- **VESA wall mount compatible:** 800 x 400 mm
- **Stand dimensions (W x H x D):** 820 x 40 x 280 mm

Accessories

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

Product highlights

Plasma WVGA panel, 852 x 480p

This WVGA display with state-of-the-art plasma screen technology has an enhanced widescreen resolution of 852 x 480p 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.

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.

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color 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, 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.



Issue date 2008-01-02

Version: 14.0.15

12 NC: 8670 000 22291
EAN: 87 10895 88592 8

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