



Philips
CRT monitor

17"

real flat SXGA

I07P50



LightFrame™, lead-free design and ideal size

With LightFrame™ for the best-ever sharpness and brightness, ideal screen size, a high brightness Real Flat CRT tube and lead-free design, this great I07P5 CRT adds vibrancy and excitement to the professional multimedia experience.

Outstanding front of screen performance

- LightFrame™ delivers best-ever sharpness and brightness
- SXGA 1280 x 1024 resolution for sharper display
- Easy-on-the-eyes high-bright, high-contrast tube
- Real flat CRT for natural, distortion and glare-free display
- sRGB ensures color matching between display and printouts

Great convenience

- Compatibility with PC and Mac platforms
- Quick and easy to personalize On-Screen-Display control

Green design

- Lead-free design safeguards our environment
- Lower power consumption than the industry average
- TCO'03 guarantees the highest safety and ergonomic standards
- Environmentally responsible Energy Star partner
- For your safety: Aerospace composite fire retardant case

PHILIPS

Technical specifications

Picture/Display

- **Display screen type:** Real Flat picture tube
- **Panel Size:** 17"/41 cm
- **Phosphor:** P22
- **Recommended display area(mm):** 310 x 230 mm
- **Recommended Display Area(inch):** 12.2" x 9.0"
- **Dot pitch:** 0.25 mm
- **Dot Pitch (horizontal):** 0.21 mm
- **White Chromaticity, 5500K:** x = 0.332 / y = 0.347
- **White Chromaticity, 6500K:** x = 0.313 / y = 0.329
- **White Chromaticity, 9300K:** x = 0.283 / y = 0.297
- **Maximum Resolution:** 1600 x 1200 @ 75 Hz
- **Recommended Resolution:** 1280 x 1024 @ 85 Hz
- **Factory Preset Modes:** 11 modes
- **Factory Preset Mode:** 640 x 350 @ 85 Hz, 640 x 480 @ 60 Hz, 640 x 480 @ 85Hz, 720 x 400 @ 70 Hz, 800 x 600 @ 56 Hz, 800 x 600 @ 75 Hz, 800 x 600 @ 85 Hz, 1024 x 768 @ 75 Hz, 1024 x 768 @ 85 Hz, 1280 x 1024 @ 75 Hz, 1280 x 1024 @ 85 Hz
- **Factory Preload Modes:** 29 modes
- **Video Dot Rate:** 250 MHz
- **Horizontal Scanning Frequency:** 30 - 97 kHz
- **Vertical Scanning Frequency:** 50 - 160 Hz
- **Recommended Refresh Rate:** 85 Hz
- **Screen enhancement:** Anti-glare Polarizer, Anti-Reflection, Anti-Static, High Brightness, High Contrast
- **LightFrame™**
- **sRGB**
- **GTF**

Connectivity

- **Cables:** D-sub Video Cable, Power Cord
- **Sync input impedance:** 4.7k ohm
- **Video input impedance:** 75 ohm
- **Video input signal levels:** 0.7 Vpp

- **Video Sync Input Signal:** Separate Sync, Composite Sync
- **Video Sync Polarities:** Positive and Negative
- **Cable Connection:** AC Power in

Convenience

- **Convenience Enhancements:** Menu Languages, On-screen Display
- **Monitor Controls:** Bright Direct Access, Contrast Direct Access, LightFrame, Menu, Power On/Off
- **OSD Languages:** English, French, German, Italian, Spanish, Portuguese, Korean, Simplified Chinese
- **Plug & Play Compatibility:** DDC 2B, sRGB, Windows 95/98/ME, Windows 2000/NT/XP
- **Regulatory Approvals:** TCO '03, TÜV/GS, TÜV Ergo, FCC-B, UL, CSA, DHHS, SEMKO, Poland-B sign, C-Tick, CE Mark, BSMI, PSB, NUTEK, Energy Star, E2000
- **Swivel:** +/- 90°
- **Tilt:** -5° to 13°

Accessories

- **Included Accessories:** AC Power Cord
- **Optional accessories:** Multi-media base
- **User Manual**

Dimensions

- **Dimensions (with base) (W x H x D):** 399 x 410 x 419 mm
- **Temperature range (operation):** 0°C to 40°C
- **Temperature range (storage):** -25°C to 65°C
- **Weight:** 15.1 kg

Power

- **Complies with:** Energy Star, NUTEK, E2000
- **Consumption:** 70 W (Typical)
- **Off Mode:** 1 W
- **Power LED indicator:** Off - Flashing Green, Operation - green
- **Power supply:** Built-in

Product highlights

LightFrame™

An intelligent and revolutionary technology for enhancing monitor's brightness, sharpness, contrast, and color. Images enhanced by LightFrame™ are lively, realistic, clear, attractive and colorful.

SXGA, 1280 x 1024 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

High-bright-high-contrast tube

A CRT tube designed to increase display brightness and contrast by increasing the CRT ray gun's beam current.

Real flat CRT display

Philips advanced flat CRT technology reduces glare and reflection more efficiently than a conventional CRT. The special high-bright, high-contrast shadow mask helps maintain sharper focus and eliminates 'color blooming' compared to standard tubes. It displays images on a monitor that look like images on paper: Viewing the image is more comfortable. Straight lines are straight. Finding a reflection-free viewing position is much easier. This adds up to reduced eyestrain for a comfortable viewing experience.

sRGB ready

Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

Two-platform compatibility

The ability to work with a variety of platforms; Philips monitors are compatible to connect with PC by employing a VGA connection and connect with Macintosh.

OSD On-Screen-Display control

An on-screen panel for adjusting a monitor. The OSD is used for contrast, brightness, horizontal, vertical positioning and other monitor adjustments.

Lead-free

Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Energy efficiency

Reduction of the electrical power required to operate a device to achieve real savings.

TCO '03 compliance

A TCO (Swedish Confederation of Professional Employees) standard even more stringent than MPR-II for safety and ergonomics, especially concerning alternating electric fields (AEF).

Energy Star partner

A manufacturer in compliance with power conservation requirements set forth by the Environmental Protection Agency of the U.S. government.

Flame retardant case

PC/ABS plastic composite is the industry-best tough, flame-retardant casing material, a space-age compound deployed in the aerospace and automotive industries as well as in fire detectors.



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