

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 107P5 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 controls

Green design

- Lead-free display protects your health and our environment
- Lower power consumption than the industry average
- TCO guarantees the highest safety and ergonomics standards
- Environmentally responsible Energy Star partner
- Flame retardant case safeguards the display from fire



PHILIPS

17 inch CRT Monitor

Commercial Specifications

Picture/Display

- Display Screen Type Real Flat Picture Tube
- Panel Size 17" / 41 cm
- Phosphor P22
- Recommended Display Area 310 x 230 mm (12.2" x 9.0")
- Dot Pitch 0.25 mm
- Horizontal Dot Pitch 0.21 mm
- White Chromaticity, 5500° K $x = 0.332 / y = 0.347$
- White Chromaticity, 6500° K $x = 0.313 / y = 0.329$
- White Chromaticity, 9300° K $x = 0.283 / y = 0.297$
- Maximum Resolution 1600 x 1200 @ 75 Hz
- Recommended Resolution 1280 x 1024 @ 85 Hz
- Factory Preset Modes 11 modes:
640 x 350 @ 85 Hz, 640 x 480 @ 60 Hz,
640 x 480 @ 85 Hz, 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 Enhancements Anti-glare Polarizer,
Anti-reflection, Anti-static,
High Brightness,
High Contrast
- LightFrame™ Yes
- sRGB Yes
- GTF Yes

Connectivity

- Cables D-sub Video Cable,
Power Cord
- Sync Input Impedance (ohm) 4.7 k
- Video Input Impedance (ohm) 75
- 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 Brightness Direct Access,
Contrast Direct Access,
LightFrame Hotkey, 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 Yes

Dimensions

- Depth (with base) 419 mm
- Height (with base) 410 mm
- Width (with base) 399 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 that minimizes glare while reducing reflection and distortion, providing display quality superior to that of conventional CRTs.

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 and 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 health and the environment.

Energy efficiency

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

TCO 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

Power conservation requirements set forth by the Environmental Protection Agency of the U.S. government.

Flame retardant case

A system of limiting accidental fires by engineering flame retardants into the monitor's case.

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