digitalized CRT, ideal screen size and value

With first-ever one-chip Digital Deflection CPU for superb display performance, ideal screen size, great quality and value, the Green Design 107E6 delivers great, affordable get-the-job-done display.

Outstanding front of screen performance
- Philips breakthrough advanced Digital Deflection CPU
- XGA 1024 x 768 resolution for sharper display
- Flat Square Tube reduces distortion and reflection
- 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
- Plug and play for easy and friendly installation

Green Design
- Lower power consumption than industry average
- TCO guarantees the highest safety and ergonomics standards
- Environmentally responsible Energy Star Partner
- Flame retardant case safeguards display from fire

PHILIPS

17 inch CRT Monitor

Commercial Specifications

Picture/Display

- Panel Size — 17"/ 41 cm
- Phosphor — P22
- Recommended Display Area — 306 x 230 mm (12.0" x 9.0")
- Dot Pitch — 0.27 mm
- Horizontal Dot Pitch — 0.23 mm
- White Chromaticity, 6500° K — x = 0.313 / y = 0.329
- White Chromaticity, 9300° K — x = 0.283 / y = 0.297
- Maximum Resolution — 1280 x 1024 @ 60 Hz
- Recommended Resolution — 1024 x 768 @ 85 Hz
- Factory Preset Modes — 8 modes: 720 x 400 @ 70 Hz, 640 x 480 @ 60 Hz, 640 x 480 @ 85 Hz, 800 x 600 @ 75 Hz, 800 x 600 @ 85 Hz, 1024 x 768 @ 75 Hz 1024 x 768 @ 85 Hz, 1280 x 1024 @ 60 Hz
- Factory Preload Modes — 14 modes
- Video Dot Rate — 120 MHz
- Horizontal Scanning Frequency — 30 - 71 KHz
- Vertical Scanning Frequency — 50 - 160 Hz
- Recommended Refresh Rate — 85 Hz
- Screen Enhancements — Anti-glare Polarizer, Anti-reflection, Anti-static
- Digital Deflection — Yes
- GTF — Yes
- sRGB — 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
- 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, Menu, Power On/Off
- OSD Languages — English, French, German, Italian, Spanish, Portuguese, Korean (Chinese, Russian, Turkish for some Regions)
- Plug & Play Compatibility — DDC 2B Windows 98/ME/2000/XP
- Regulatory Approvals — CE Mark, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TÜVIGS, TÜV Ergo, FDA, EZU, GOST, MEEI, PCBC, BSMI, TCO'03, E2000
- Swivel — +/- 90°
- Tilt — -5° to 13°

Accessories

- Included Accessories — AC Power Cord
- User Manual — Yes
- Optional Accessories — Multimedia Base

Dimensions

- Depth (with base) — 419 mm
- Height (with base) — 383 mm
- Width (with base) — 397 mm
- Temperature Range (Operation) — 0°C to 35°C
- Temperature Range (Storage) — -25°C to 65°C
- Weight — 13.4 kg

Power

- Complies With — Energy Star, NUTEK
- Consumption — 64 W (Typical)
- Off Mode — 1 W
- Power LED Indicator — Off, Flashing Green; Operation, Green
- Power Supply — Built-in

Product Highlights

Digital Deflection CPU

An exclusive Philips innovation -- the world's first one-chip CRT solution -- combines the deflection and the Microcontroller in a single chip to process and control input sync digitally. This innovative technology prevents electronic noise that can harm display quality, reduces display jitter and improves geometry for better front of screen performance.

XGA, 1024 x 768 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1024-by-768 pixel screen is capable of displaying 1024 distinct dots on each of 768 lines, or about 786 thousand pixels. XGA provides resolutions of 640 by 480 or 1024 by 768 pixels. In addition, XGA allows monitors to be non-interlaced. This ensures a better display performance and accurate color display effect.

Flat Square Tube

A tube designed to reduce distortion and reflection.

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.

Easy plug and play

The ability of display device to plug in a PC and operate without requiring user intervention to adjust complicated settings.

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.

PHILIPS