



Philips
CRT monitor

17"
XGA

107E6I



digitalized CRT, value and lead-free design

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

Outstanding front of screen performance

- Philips breakthrough advanced Digital Deflection CPU
- XGA 1024x768 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
- Easy, user friendly plug-and-play installation

Green design

- Lead-free design safeguards our environment
- Lower power consumption than the industry average
- MPRII ensures safety by limiting electromagnetic radiation
- Environmentally responsible Energy Star partner
- For your safety: Aerospace composite fire retardant case

PHILIPS

Technical specifications

Picture/Display

- **Display screen type:** Flat Square Tube
- **Panel Size:** 17"/41 cm
- **Phosphor:** P22
- **Recommended display area(mm):** 306 x 230 mm
- **Recommended Display Area(inch):** 12" x 9"
- **Dot pitch:** 0.27 mm
- **Dot Pitch (horizontal):** 0.23 mm
- **White Chromaticity, 6500K:** x = 0.313 / y = 0.329
- **White Chromaticity, 9300K:** 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
- **Factory Preset Mode:** 640 x 480 @ 60 Hz, 640 x 480 @ 85Hz, 720 x 400 @ 70 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 enhancement:** Anti-glare Polarizer, Anti-Reflection, Anti-Static
- Digital deflection
- 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

- **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, Menu, Power On/Off
- **OSD Languages:** English, French, German, Italian, Spanish, Portuguese, Korean, Simplified Chinese
- **Plug & Play Compatibility:** DDC 2B, Windows 98/ME/2000/XP
- **Regulatory Approvals:** CE Mark, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TÜV/GS, TÜV Ergo, FDA, EZU, GOST, MEEI, PCBC, BSMI, E2000, MPR-II, Low Emission
- **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):** 397 x 383 x 419 mm
- **Temperature range (operation):** 0°C to 40°C
- **Temperature range (storage):** -25°C to 65°C
- **Weight:** 13.4 kg

Power

- **Complies with:** Energy Star, NUTEK, E2000
- **Consumption:** 64 W (Typical)
- **Off Mode:** I 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.

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, vertical positioning and other monitor adjustments.

Easy plug-and-play

Plug-and-play is a peripheral connectivity standard. A plug and play display device can be connected to a PC and operate without requiring user intervention to adjust complicated settings.

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.

MPRII compliant

The world standard setting stringent levels for electromagnetic radiation emitted by monitors.

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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