digitalized CRT, LightFrame™ and ideal screen size

With first-ever one-chip Digital Deflection CPU for superb display performance, LightFrame™ for the best-ever sharpness and brightness, plus an ideal screen size, the 107T6 delivers the ultimate Internet and multimedia experiences.

Outstanding front of screen performance
- Philips breakthrough advanced Digital Deflection CPU
- LightFrame™ delivers best-ever sharpness and brightness
- XGA 1024 x 768 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
- Plug and play for easy and friendly installation

Green Design
- Lower power consumption than industry average
- MPRII ensures safety by limiting electromagnetic radiation emissions
- 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 — 0.25 mm
- Horizontal Dot Pitch — 0.21 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
- GFT — 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, LightFrame Hotkey, 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, MPR-II, Low Emission, NUTEK, Energy Star, SEMKO, TÜV/GS, TÜV Ergo, FDA, EZU, GOST, MEEI, PCBC, CCC, BSMI, E2000
- Swivel — +/- 90°
- Tilt — -5° to 13°

Accessories

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

Dimensions

- Depth (with base) — 424 mm
- Height (with base) — 383 mm
- Width (with base) — 397 mm
- Temperature Range (Operation) — 0°C to 40°C
- Temperature Range (Storage) — -25°C to 65°C
- Weight — 15 kg

Power

- Complies With — Energy Star, NUTEK
- Consumption — 68 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.

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.

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.

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.

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.

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

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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