

ideal size, high brightness and lead-free design

With a high brightness Real Flat CRT tube, high 1280 x 1024 resolution, digital deflection CPU, ideal screen size and lead-free design, the 107B6 adds vibrancy and excitement to the Internet and multimedia experiences.



Outstanding front of screen performance

- SXGA 1280 x 1024 resolution for sharper display
- High Bright Hot Key instantly adjusts brightness levels
- 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
- Easy, user friendly plug-and-play installation

Green design

- Lead-free design safeguards 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

Technical specifications

Picture/Display

- **Display screen type:** Real Flat picture 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:** 0.25 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 @ 65 Hz
- **Recommended Resolution:** 1280 x 1024 @ 75 Hz
- **Factory Preset Modes:** 8 modes
- **Factory Preset Mode:** 640 x 480 @ 75 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 @ 75 Hz
- **Factory Preload Modes:** 21 modes
- **Video Dot Rate:** 185 MHz
- **Horizontal Scanning Frequency:** 30 - 86 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
- 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, High Bright Hotkey, Menu, Power On/Off
- **OSD Languages:** English, French, German, Italian, Spanish, Portuguese, Korean, Russian, Turkish
- **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, CCC, BSMI, E2000, TCO '03
- **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 424 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, E2000
- **Consumption:** 68 W (Typical)
- **Off Mode:** I W
- **Power LED indicator:** Off, Flashing Green, Operation, green
- **Power supply:** Built-in

Product highlights

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 Hot Key

A feature that delivers instant brightness adjustment to the ideal level for viewing text, Internet, game or multimedia applications, providing comfortable viewing and an enhanced experience for each type of application.

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 reduces 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.

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.

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

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



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