



Philips  
CRT monitor

17"  
real flat XGA

107C64



## digitalized CRT plus style and lead-free design

With first-ever one-chip Digital Deflection CPU for superb display, a HighBright Real Flat CRT tube and elegant appearance complemented by lead-free design and ideal screen size, the 107C6 delivers exciting style and performance.

### Outstanding front of screen performance

- Philips breakthrough advanced Digital Deflection CPU
- High Bright Hot Key instantly adjusts brightness levels
- XGA 1024x768 resolution for sharper display
- Real flat CRT for natural, distortion and glare-free display
- Easy-on-the-eyes high-bright, high-contrast tube
- sRGB ensures color matching between display and printouts

### Great convenience

- Compatibility with PC and Mac platforms
- 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
- For your safety: Aerospace composite fire retardant case

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, 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, High Brightness, High Contrast
- Digital deflection
- sRGB
- GTF

### Connectivity

- **Cables:** D-sub Video Cable, Power Cord
- **Cable Connection:** AC Power in
- **Sync input impedance:** 2.2k 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

### 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, Simplified Chinese
- **Plug & Play Compatibility:** DDC 2B, Windows 98/ME/2000/XP
- **Swivel:** +/- 90°
- **Tilt:** -5° to 13°
- **Regulatory Approvals:** BSMI, CCC, CE Mark, C-Tick, DHS, FCC-B, UL, CSA, eK, FDA, GOST, IRAM, MIC, TCO '99, NOM, PSB, SEMKO, TÜV/GS, TÜV Ergo

### Accessories

- **Included Accessories:** AC Power Cord
- User Manual

### Dimensions

- **Dimensions (with base) (W x H x D):** 397 x 405 x 424 mm
- **Temperature range (operation):** 0°C to 40°C
- **Temperature range (storage):** -25°C to 65°C
- **Weight:** 15.3 kg

### Power

- **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.

### 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.

### 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.

### 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 reduced eyestrain for a comfortable viewing experience.

### High-bright-high-contrast tube

A CRT tube designed to increase display brightness and contrast by increasing the CRT ray gun's beam current.

### 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.

### 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 '99 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).

### 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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