



Philips  
CRT monitor

17"  
real flat

107H62



## digitalized CRT plus style and lead-free design

With first-ever one-chip Digital Deflection CPU for superb display performance, elegant style and an idea screen size, the 107H6 delivers get-the-job-done performance in an attractive, stylish package plus Green, lead-free design.

### 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
- 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
- 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
- For your safety: Aerospace composite fire retardant case

**PHILIPS**  
sense and simplicity

## 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
- **Optimum 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

- **User convenience:** 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
- **Regulatory Approvals:** CCC, MPR-II, Low Emission
- **Swivel:** +/- 90°
- **Tilt:** -5° to 13°

### Accessories

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

- **Consumption (On mode):** 68 W (Typical)
- **Consumption (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.

### 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 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.

### sRGB ready

sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

### 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.

### 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.

### Flame retardant cabinet

PC/ABS plastic composite is the industry's best and toughest flame-retardant casing material; and is a space-age compound deployed in the aerospace and automotive industries as well as in fire detectors that is compliant with most stringent fire safety standards.



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