



Philips  
CRT monitor

17"

real flat XGA

107S96



## digitalized Real-Flat CRT, viewing ease and value

with lead-free design

With a Digital Deflection CPU, one-touch brightness enhancement, high brightness Real Flat CRT tube and ideal screen size, the 107S9 delivers an unbeatable mix of performance and value plus environment-friendly 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

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

**PHILIPS**  
sense and simplicity

## Specifications

### Picture/Display

- Digital deflection
- **Display screen type:** Real Flat picture tube
- **Factory Preload Modes:** 10 modes
- **Dot pitch:** 0.25 mm
- **Factory Preset Modes:** 8 modes
- **GTF**
- **Horizontal Scanning Frequency:** 30 - 71 kHz
- **Dot Pitch (horizontal):** 0.21 mm
- **Maximum Resolution:** 1280 x 1024 @ 60 Hz
- **Panel Size:** 17"/ 41 cm
- **Recommended Display Area(inch):** 12" x 9"
- **Recommended display area(mm):** 306 x 230 mm
- **Recommended Refresh Rate:** 85 Hz
- **Recommended Resolution:** 1024 x 768 @ 85 Hz
- **Factory Preset Mode:** 1024 x 768 @ 75 Hz, 1024 x 768 @ 85 Hz, 1280 x 1024 @ 60 Hz, 640 x 480 @ 60 Hz, 640 x 480 @ 85Hz, 720 x 400 @ 70 Hz, 800 x 600 @ 75 Hz, 800 x 600 @ 85 Hz
- **sRGB**
- **Phosphor:** P22
- **Vertical Scanning Frequency:** 50 - 160 Hz
- **Screen enhancement:** Anti-glare Polarizer, Anti-Reflection, Anti-Static, High Brightness, High Contrast
- **Video Dot Rate:** 110 MHz
- **White Chromaticity, 6500K:**  $x = 0.313 / y = 0.329$
- **White Chromaticity, 9300K:**  $x = 0.283 / y = 0.297$

### Connectivity

- **Cable Connection:** AC Power in
- **Cables:** D-sub Video Cable, Power Cord
- **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
- **Swivel:** +/- 90°
- **Tilt:** -5° to 13°
- **OSD Languages:** English, Simplified Chinese
- **Plug & Play Compatibility:** DDC 2B, Windows 98/ME/2000/XP/Vista
- **Regulatory Approvals:** CCC, CECP, MPR-II, Low Emission

### Accessories

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

### Dimensions

- **Temperature range (operation):** 0°C to 40°C
- **Temperature range (storage):** -25°C to 65°C
- **Set dimensions (W x H x D):** 397 x 382 x 423.5 mm
- **Set dimensions in inch (W x H x D):** 15.6 x 15 x 16.7 inch
- **Set weight:** 13.5 kg
- **Set weight (lb):** 29.7 lb
- **Weight incl. Packaging:** 15.8 kg
- **Weight incl. Packaging (lb):** 34.83
- **Box dimensions (W x H x D):** 460 x 450 x 526 mm
- **Box dimensions in inch (W x H x D):** 18.11 x 17.72 x 20.71 inch

### Power

- **Consumption:** 62 W (Typical)
- **Off Mode:** around 1 W
- **Power LED indicator:** Off - Flashing Green, Operation - green
- **Power supply:** Built-in, 100-264 VAC, 50/60 Hz

## 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.

### 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.

### 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.



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