



Philips  
CRT monitor

22"

real flat QXGA

202P45



## professional 22" aperture grille display

A combination of superb aperture grille display performance and productivity-enhancing convenience designed for demanding professionals, this big screen CRT 202P4 conserves energy while meeting stringent safety and ergonomic standards.

### Outstanding front of screen performance

- Aperture Grille CRT for the best color and sharpness
- QXGA 2048 x 1536 resolution for sharper display
- Advanced ICE technology delivers the ultimate in CRT display
- Auto Preset compensates for magnetic interference
- Auto Calibrate returns your monitor to optimal settings
- sRGB ensures color matching between display and printouts

### Great convenience

- Auto signal switch accepts both SOG and 5 BNC signal inputs
- Compatibility with PC, Mac and workstation platforms

### Green design

- Lower power consumption than the industry average
- TCO guarantees the highest safety and ergonomics standards
- Environmentally responsible Energy Star partner

**PHILIPS**  
sense and simplicity

## Specifications

### Picture/Display

- **Display screen type:** Aperture Grille CRT
- **Panel Size:** 22"/ 55 cm
- **Phosphor:** B22
- **Recommended display area(mm):** 392 x 294 mm
- **Recommended Display Area(inch):** 15.4" x 11.6"
- **Dot pitch:** 0.24 mm
- **Dot Pitch (horizontal):** 0.24 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:** 2048 x 1536 @ 80 Hz
- **Optimum Resolution:** 1600 x 1200 @ 85 Hz
- **Factory Preset Modes:** 9 modes
- **Factory Preset Mode:** 1024 x 768 @ 75 Hz, 1024 x 768 @ 85 Hz, 1280 x 1024 @ 75 Hz, 1280 x 1024 @ 85 Hz, 1600 x 1200 @ 75 Hz, 1600 x 1200 @ 85 Hz, 1792 x 1344 @ 75 Hz, 1920 x 1440 @ 75 Hz, 1920 x 1440 @ 85 Hz
- **Factory Preload Modes:** 27 modes
- **Video Dot Rate:** 360 MHz
- **Horizontal Scanning Frequency:** 30 - 130 kHz
- **Vertical Scanning Frequency:** 50 - 160 Hz
- **Recommended Refresh Rate:** 85 Hz
- **Screen enhancement:** Anti-glare Polarizer, Anti-Reflection, Anti-Static, High Contrast, High Brightness
- **Picture enhancement:** Auto Calibrate, ICE Technology
- sRGB
- GTF

### Connectivity

- **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:** Composite Sync, Separate

- Sync, Sync on Green
- **Video Sync Polarities:** Positive and Negative
- **Cable Connection:** AC Power in, 5BNC, D-sub

### Convenience

- **User convenience:** Auto Preset, Auto Signal Switch, Menu Languages, On-screen Display
- **Monitor Controls:** Brightness Control, Contrast Control, Left/Right, Menu, Power On/Off, Up/Down
- **OSD Languages:** English, French, German, Italian, Spanish, Portuguese, Simplified Chinese, Korean
- **Plug & Play Compatibility:** DDC 2B, sRGB, Windows 98/ME/2000/XP
- **Regulatory Approvals:** CE Mark, E2000, FCC-B, UL, CSA, FDA, NUTEK, Energy Star, SEMKO, TCO '99, TÜV/GS, TÜV Ergo
- **Swivel:** +/- 90°
- **Tilt:** -5° to 25°

### Accessories

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

### Dimensions

- **Dimensions (with base) (W x H x D):** 501 x 501 x 466 mm
- **Temperature range (operation):** 0°C to 35°C
- **Temperature range (storage):** -25°C to 65°C
- **Weight:** 29.6 kg

### Power

- **Complies with:** E2000, Energy Star, NUTEK
- **Consumption (On mode):** 130 W (Typical)
- **Consumption (Off Mode):** 1 W
- **Power LED indicator:** Off - Amber, Operation - green
- **Power supply:** Built-in

## Product highlights

### Aperture Grille CRT

A high-end technology used for illuminating phosphors in CRT tubes. It delivers a brighter, sharper overall picture.

### QXGA, 2048 x 1536 resolution

Quantum eXtended Graphics Array: A screen resolution of 2048 x 1536 pixels.

### ICE technology

An exclusive Philips suite of technical enhancements that deliver outstanding CRT display.

### Auto preset

Designed to keep the purity and video position of your monitor at good under different magnetic field.

### Auto Calibrate

A one-touch system for maintaining optimal CRT monitor performance by automatically recalibrating color temperature to their original values.

### 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.

### Auto signal switch

The function determines signal type and routes the signal to the proper channel.

### Platform compatibility

The ability to work with a variety of platforms; Philips monitors are compatible to connect with PCs and workstation 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.

### 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).

### Energy Star partner

A manufacturer in compliance with power conservation requirements set forth by the Environmental Protection Agency of the U.S. government.

