



Philips
CRT monitor

56 cm (22")
real flat QXGA

202P45

professional 56 cm (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
- Sync Input: 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



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.



Issue date 2011-06-07

Version: 4.0.5

12 NC: 8639 000 14958

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