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Macintosh Color Display: Description

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TOPIC -----

This article describes the Macintosh Color Display, and gives features, benefits, and compatibility information.

DISCUSSION -----

The Macintosh Color Display features a flat Trinitron tube that gives maximum screen area, sharp focus, and minimum distortion. Its automatic degaussing at start-up provides distortion-free viewing and a stripe pitch of .26mm for clarity. This is Apple's brightest mid-range monitor. The electronics are designed to optimize clarity at this brightness.

The 66.7 hertz screen refresh rate gives flicker-free performance to minimize eye strain. Magnetic and electric emissions are very low, conforming to strict SWEDAC guidelines. The built-in tilt swivel allows viewing angle adjustment.

Features

- Trinitron CRT with .26 stripe pitch
- High brightness and contrast
- Color and brightness uniformity
- 640 x 480 pixels at 70 dpi
- Autodegauss at power-up
- Tilt/swivel stand built in
- 66.7 Hz refresh rate
- Low emissions

Benefits

- Trinitron technology allows more accurate focusing of the RGB electron beam for a brighter, clearer picture.
- The .26 mm stripe pitch improves focus.
- High contrast design enhances the distinction between black and white on the screen to improve focus and reduce eyestrain.
- Produces pure and uniform colors over the entire screen area.
- 35% more screen area than the 12-inch RGB monitor
- Autodegauss eliminates distortion from external magnetic fields, and guarantees consistent color purity.

- Tilt/swivel stand allows adjustment for the best viewing angle.
- 66.7 Hz refresh rate reduces flicker.
- Meets SWEDAC recommendations for ELF and VLF magnetic and electric emissions.

Compatibility

All Macintosh modular computers support the Macintosh Color Display to 256 colors. The Macintosh LC II needs the VRAM upgrade to support 256 colors. The Macintosh Quadra 700, 900, and 950 support 24 bits per pixel, for 16.7 million colors.

All Apple video cards and on-board video connections in the Macintosh II family support the Macintosh Color Display at varying bit depths.

Part Number

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