



Overview

The AppleColor High-Resolution RGB Monitor sets the standard in color graphics for personal computers. Taking full advantage of the advanced color graphics capabilities of the Macintosh family of personal computers, the AppleColor High-Resolution RGB Monitor brings you brilliant color graphics and sharp text on a 13-inch screen.

Combined with the on-board video of many Macintosh computers or the Macintosh Display Card 8x24 or 8x24cc, the AppleColor High-Resolution RGB Monitor is capable of displaying up to 16.7 million colors simultaneously.

Features

- > 13-inch Trinitron CRT

- > 640 horizontal pixels by 480 vertical lines at 69 dots per inch (dpi)

- > .26-mm aperture grille pitch

- > 66.7-hertz screen refresh rate

- > Brightness and contrast controls

Benefits

- > Provides sharp display of text and color graphics
- > Delivers professional-quality color graphics
- > Displays a full range of text sizes

- > Lets you display the full width and more than half the height of a letter-size page
- > Maintains size integrity between screen images and printed output

- > Provides crisp, clear images, even in finely detailed drawings

- > Reduces eyestrain by eliminating flicker

- > Lets you adjust the display to suit your preferences and environment



AppleColor High-Resolution RGB Monitor

System Requirements

To use the AppleColor High-Resolution RGB Monitor, you'll need the following:

- > A Macintosh personal computer with a built-in video port or an appropriate video card,

such as the Macintosh Display Card 8•24 or the Macintosh Display Card 8•24gc

- > A video cable (supplied with the display)

You may also want to purchase:

- > An Apple Universal Monitor Stand (Order No. M0403)
- > A Macintosh Display Card VRAM Expansion Kit* (Order No. M0412)

Technical Specifications

Picture tube

- > 13-in. viewable diagonal
- > .26-mm aperture grille pitch
- > Trinitron CRT

Screen resolution

- > 640 horizontal pixels by 480 vertical lines; 69 dots per inch (dpi)

Active video display area

- > 9.3 in. horizontal by 6.9 in. vertical (23.5 cm horizontal by 17.6 cm vertical); remainder of display area is used for border

Input signals

- > Red, green, and blue video signals using RS-343 standard; TTL composite sync

Scanning and refresh rates

- > Horizontal scan rate: 35.0 kilohertz
- > Vertical refresh rate: 66.7 hertz
- > Dot clock: 30.24 megahertz

User controls

- > Right side:
 - Brightness, with detent reference
 - Contrast
- > Back panel:
 - Power switch
 - Degauss switch

Electrical requirements

- > Voltage: 85 to 270 volts AC
- > Frequency: 47 to 63 hertz
- > Power: 90 watts

Warm-up time

- > 20 min. to meet all specifications

Fuse protection

- > Internal power line fuse protection; the display fuse should be replaced with a fuse of the same type by a qualified service technician

Operating environment

- > Operating temperature: 50°F to 104°F (10°C to 40°C)
- > Operating humidity: 90% maximum, noncondensing
- > Operating altitude: 10,000 ft. (3,048 m) maximum

Size and weight

- > Height: 11 in. (28.1 cm)
- > Width: 13.5 in. (34.4 cm)
- > Depth: 15.2 in. (38.5 cm)
- > Weight: 34 lb. (15.5 kg)

Size agency approvals

- > ELF (extremely-low-frequency) and VLF (very-low-frequency) magnetic emissions are within the SWEDAC MPR2 guidelines

Ordering Information

AppleColor High-Resolution RGB Monitor
Order No. M0401LL/B

With your order, you'll receive:

- > AppleColor High-Resolution RGB Monitor
- > Video cable

- > Power cable
- > Complete setup, learning, and reference documentation
- > Limited warranty statement

Macintosh Display Card 8•24 Order No. M0507

Macintosh Display Card 8•24gc Order No. M0122

Macintosh Display Card VRAM Expansion Kit* Order No. M0412

Apple Universal Monitor Stand Order No. M0403

*Dealer installation of these chips is strongly recommended.

Apple Computer, Inc.

20525 Mariani Avenue
Cupertino, CA 95014
(408) 996-1010
TLX 171-576

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