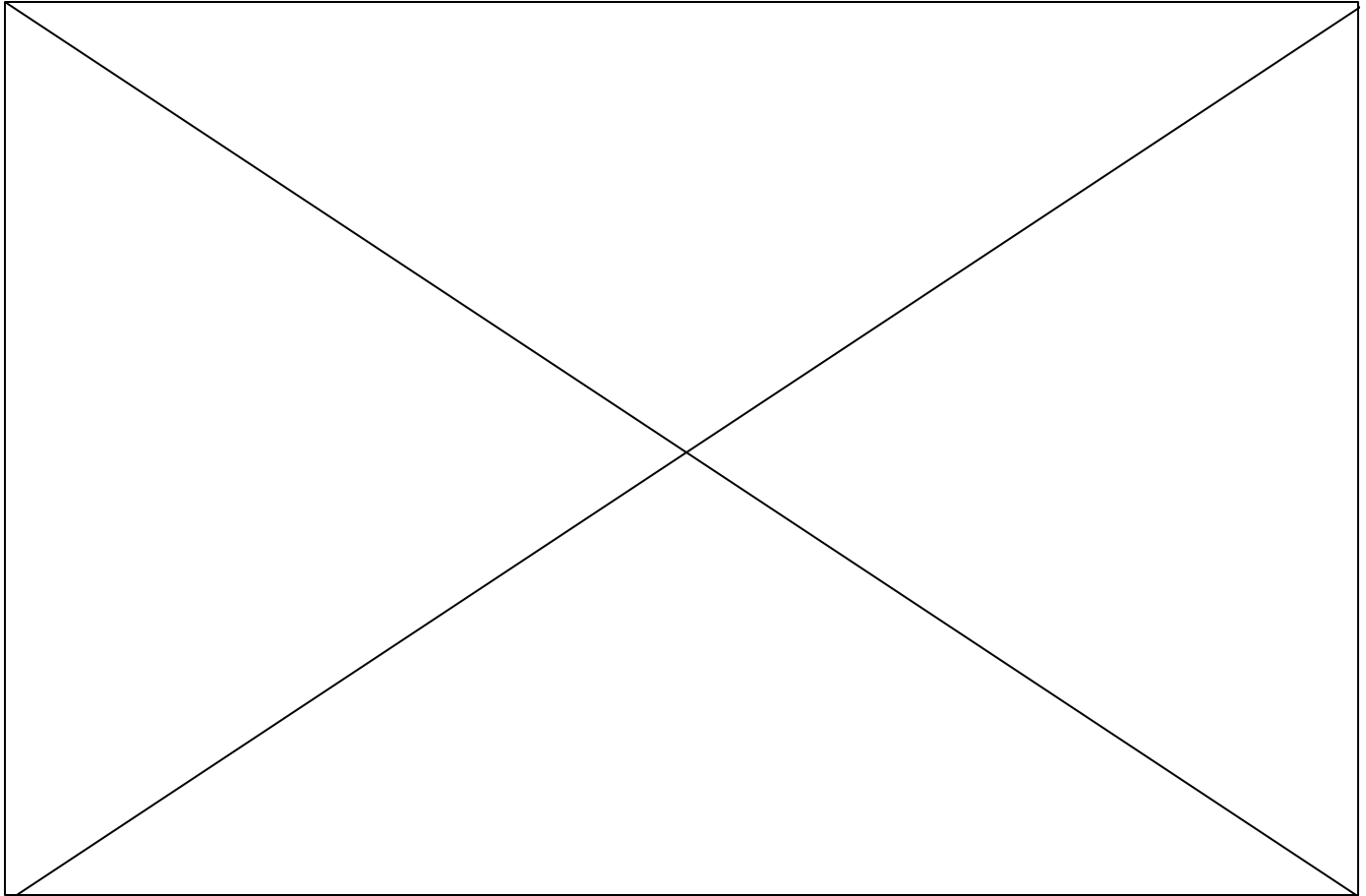


AppleColor High-Resolution RGB Monitor



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 4-8, 8-24, or 8-24cc, 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.



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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 4-8, 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)

Ordering Information

AppleColor High-Resolution RGB Monitor

Order No. M0401
With your order, you'll receive:

- AppleColor High-Resolution RGB Monitor

- Video cable
- Power cable
- Complete setup, learning and reference documentation

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Macintosh Display Card 4-8 Order No. M0121
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Macintosh Display Card 8-24 Order No. M0507
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Macintosh Display Card 8-24GC Order No. M0122
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Macintosh Display Card VRAM Expansion Kit* Order No. M0412
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Apple Universal Monitor Stand Order No. M0403
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*Dealer installation of these chips is strongly recommended.