



Overview

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

Combined with the Macintosh II Video Card or Video Expansion Kit, the AppleColor monitor is capable of simultaneously displaying 16 to 256 colors from a palette of more than 16 million.

Features

- ▶ 640- by 480-pixel resolution
- ▶ 13-inch Trinitron CRT
- ▶ Analog input format
- ▶ 66.7-hertz screen refresh rate
- ▶ Universal power supply

Benefits

- ▶ Provides sharper display of text and graphics in both colors and gray scales.
- ▶ Delivers professional color graphics quality.
- ▶ Displays a full range of text sizes.
- ▶ Lets you view the full width and more than half the length of a half-page document.
- ▶ Displays a full range of text sizes.
- ▶ Permits a much wider range of colors and gray scales than is possible with digital (TTL) RGB displays.
- ▶ Produces crisp, clear information.
- ▶ Reduces eye strain.
- ▶ Allows the monitor to be used with different line voltages.



AppleColor High-Resolution RGB Monitor

System Requirements

To use the AppleColor High-Resolution RGB Monitor, you must have the following:

- ▶ A Macintosh II personal computer
- ▶ A Macintosh II Video Card
- ▶ A video cable (supplied with monitor)

You may also want to purchase:

- ▶ An Apple Universal Monitor Stand
- ▶ A Macintosh II Video Card Expansion Kit

Technical Specifications

Picture tube

- ▶ 13-inch viewable diagonal
- ▶ .25-millimeter aperture grille pitch
- ▶ Trinitron™ CRT

Resolution

- ▶ 640 dots horizontally by 480 dots vertically

Active display area

- ▶ 235 millimeters horizontal by 176 millimeters vertical (remainder of display area is used for border)

Input signals

- ▶ Red, green, and blue video signals using RS-343 standard Composite synchronization, negative going TTL

Video bandwidth

- ▶ 23 megahertz

Scan rates

- ▶ 35.0 kilohertz horizontal
- ▶ 66.7 hertz vertical

Controls

- ▶ Right side:
 - Brightness, with detent reference
 - Contrast
- Back panel:
 - Power switch
 - Degauss switch
 - Vertical misconvergence adjustment
 - Horizontal misconvergence adjustment

Electrical requirements

- ▶ Line voltage: 85 to 270 volts AC
- ▶ Frequency: 47 to 63 Hz
- ▶ Nominal power: 90 watts

Environmental requirements

- ▶ Operating temperature: 50° to 104° F (10° to 40° C)
- ▶ Relative humidity: 90% maximum
- ▶ Maximum altitude: 10,000 feet (3,048 m)

Fuse protection

- ▶ The monitor contains internal power line fuse protection. This fuse should be replaced with the same type by a qualified service technician

Warm-up time

- ▶ 20 minutes to meet all specifications

Size and weight

- ▶ Height: 11 in. (281 mm)
- ▶ Width: 13.5 in. (344 mm)
- ▶ Depth: 15.2 in. (385 mm)
- ▶ Weight: 34 lbs. (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
- ▶ Owner's guide
- ▶ Limited warranty statement

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Macintosh II Video Card*

Order No. M0211

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Macintosh II Video Card Expansion Kit*

Order No. M0213

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Apple Universal Monitor Stand

Order No. M0403

* Dealers installation of these chips is strongly recommended

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