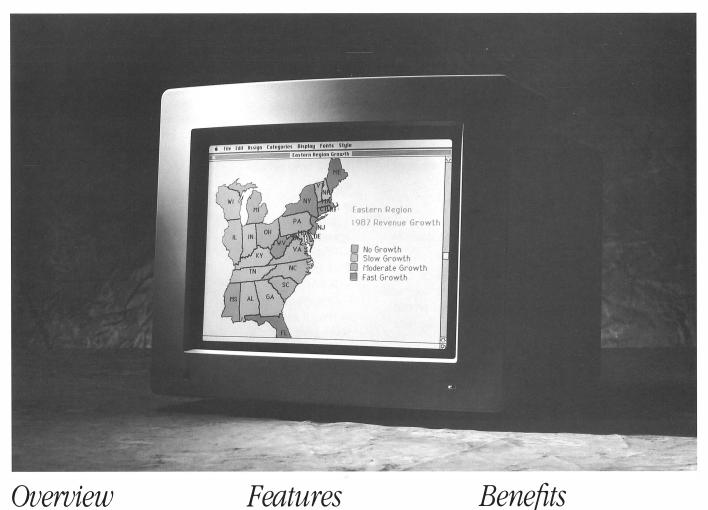
AppleColor High-Resolution RGB Monitor





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

- 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.
- ▶ 13-inch Trinitron CRT

- Lets you view the full width and more than half the length of a half-page document.
- ▶ Displays a full range of text sizes.

► Analog input format

- ▶ Permits a much wider range of colors and gray scales than is possible with digital (TTL) RGB displays.
- ▶ 66.7-hertz screen refresh rate
- ▶ Produces crisp, clear information.
- Reduces eye strain.
- Universal power supply
- ▶ Allows the monitor to be used with different line voltages.



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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
	Macintosh II Video Card*	Order No. M0211	
	Macintosh II Video Card Expansion Kit*	Order No. M0213	
	Apple Universal Monitor Stand	Order No. M0403	
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 $oldsymbol{*}$ Dealers installation of these chips is strongly recommended

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July 1987. Product specifications are subject to change without notice.

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