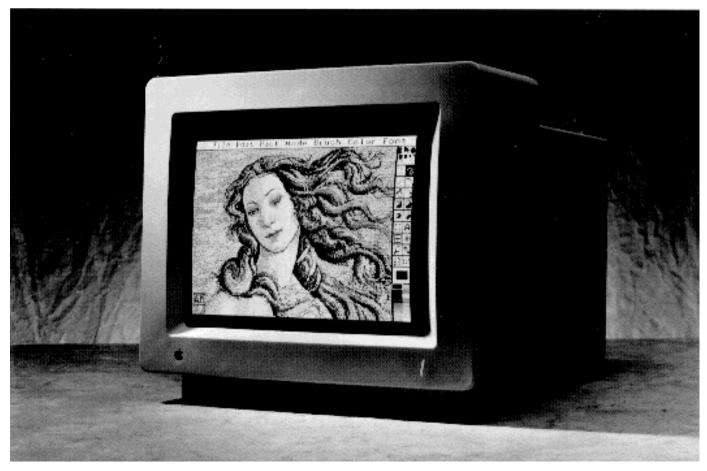
AppleColor RGB Monitor Overview



Overview

The AppleColor[™] RGB Monitor is the recommended color monitor for the Apple IIGS[®] personal computer, because it takes full advantage of the computer's advanced graphics capabilities.

Working with the high-resolution graphics modes of the Apple IIGs, the AppleColor RGB Monitor brings you stunning graphics in up to 256 colors at a time from a palette of 4,096 colors. For textintensive applications, it can also display crisp, clear 80-column text on its 12-inch screen, so you'll need just one monitor for all your Apple IIGs applications.

Features

Benefits

High-resolution 12-inch analog RGB color	 Displays any of the 4,096 colors generated by the Apple IIGS Provides higher resolution than composite (NTSC) color monitors, for sharp images across the full range of colors.
Color or monochrome 80-column text	 Produces crisp text as well as graphics, so you don't need separate monitors to get the most from all your applications.
Direct connection to the computer	Plugs directly into the RGB video output of the Apple IIGs; no adapters are required.





Product Details	RGB Video The AppleColor RGB Monitor uses the RGB (red-green-blue) color standard, instead of the composite standard used in color television sets and most computer monitors.	Composite color combines all the video information coming from the computer. By contrast, the RGB standard uses separate signals for the three primary colors used in color video, so it can convey more information and produce higher-resolution images on the screen.	Additionally, the AppleColor RGB Monitor is an analog RGB device, so it provides a much wider range of colors than is possible with digital (TTL) RGB displays.
System Requirements	To use the AppleColor RGB Monitor, you'll need an Apple IIGs personal computer.		
Technical Specifications	 Picture tube 12-inch diagonal (11.5-inch viewable area) High-contrast black matrix Display capabilities 640 dots horizontally by 200 dots vertically (when used with the Apple Itss) Dot pitch 0.37-millimeter tri-dot pattern Active display area 200 millimeters horizontal by 150 millimeters vertical (remainder of display area is used for border) Interface 15-pin D-style connector Direct connection to Apple Itss via supplied cable; no adapter required 	 Input synchronization signal Composite vertical (field) and horizontal (line) pulses negative going, 3.0 volts (minimum) peakto-peak into a 2,200-ohm termination Input video signal Composite video signal, 1.0 (± 0.1) volt peak-to-peak negative, into 75-ohm termination Video bandwidth Flat within 1.5 decibels to 6.5 megahertz Less than 3 decibels down at 8 megahertz Scan rates 15.7 kilohertz horizontal 60 hertz vertical Text display mode Up to 80 characters by 25 lines Side Power on/off Contrast 	 Brightness Rear Horizontal hold Vertical hold Height Electrical requirements Line voltage: 108 to 132 volts AC Frequency: 50 to 60 hertz Power consumption Typical: less than 65 watts Maximum: 90 watts Environmental requirements Operating temperature: 32° to 122° F (0° to 50° C) Maximum humidity: 90% Maximum altitude: 10,000 ft. (3,048 m) Size and weight Height: 11 in. (27.9 cm) Width: 13.5 in. (34.3 cm) Depth: 16 in. (40.6 cm) Weight: 27.6lb. (12.5 kg)
Ordering Information	AppleColor RGB Monitor	Order No. A2M6014	 With your order, you'll receive the following: AppleColor RGB Monitor Owner's guide Video cable Limited warranty statement

20525 Mariani Avenue Cupertino, CA 95014 (408) 996-1010 TLX: 171-576 © 1989 Apple Computer, Inc. Apple, the Apple logo, and Apple IIss are registered trademarks of Apple Computer, Inc. AppleColor is a trademark of Apple Computer, Inc. April 1989. Product specifications are subject to change without notice. Printed in U.S.A. A9F0005/A 30K