

Radius Color Display™ System

19" High Resolution
Color Display and Video Interface
for the Macintosh II



Product Description

The Radius Color Display System for the Macintosh II offers the graphic designer, publisher, or design engineer a professional tool for color page layout, illustration, and imaging. The system consists of the Radius Color Display and the 8-bit Radius GS/C Interface (which includes the video card, cables, and extensive system software).

Professional Color Technology. Featuring Trinitron technology and advanced digital design, the Color Display System offers excellent image clarity and more work area. Its resolution of 1152 by 882 pixels offers 30% more workspace than traditional 19" monitors and is ideal for illustration, two page layouts, and B-size drawings. The Color

Display's refresh rate of 72 Hz eliminates perceptible flicker for extended viewing comfort. The 8-bit technology of the GS/C Interface allows the simultaneous display of 256 colors from a palette of over 16 million.

Software Breakthroughs.

The Radius Color Display comes equipped with a variety of powerful software features. Tear-off Menus extend the Macintosh interface by allowing any menu to be detached from the menu bar and placed anywhere on the screen. An enlarged menu type size can be selected for easy viewing at comfortable distances. Additional software allows any portion of the screen to be captured and saved as

a PICT file. These software features are conveniently available through the standard Apple Control Panel.

Complete Compatibility.

Because of our dedication to the Macintosh, Radius designed the Color Display with the highest standards of Macintosh hardware and software compatibility. Pagemaker 3.0, Adobe Illustrator 88, Aldus Freehand, Quark XPress, and VersaCAD are among the applications that take full advantage of Radius color technology. The Radius Full Page Display can also work in conjunction with the Radius Color Display to create a powerful multi-display workstation.

Applications

- Professional Publishing
- Graphic Design
- Industrial Design
- CAD/CAE
- Desktop Presentation

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Features	Benefits
256 colors from a palette of 16.7 million	Displays photographic-quality color images.
1152 x 882 pixels	Displays 30% larger viewing area for working with two 8½" x 11" pages without reducing or scrolling.
72 Hz refresh rate	Creates paper-like, flicker-free image.
82 pixels per inch	Provides exceptional text rendition.
Gray scale capability through GS/C Interface	Supports gray scale image processing.
Tear-off Menus	Allows immediate access to any menu item.
16-point type size menu	Enhances menu readability.

System Requirements	Macintosh II: (Radius GS/C video card occupies one NuBus slot)
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Radius Color Display Specifications

Display size: 19 inches
Resolution: (H) 1152 x (V) 882 pixels
Pixel density: 82 dpi
Pitch: .31 mm
Input Signals: R, G and B video signals using RS-343 standard. Sync on G.
Input Connector: 6' coaxial cable
Active video display area: 358mm horizontal by 275mm vertical
Video Bandwidth: 100 MHz
Power: 110 VAC, 47 to 63 Hz (Optional: 220 VAC)
CRT Consumption: 220 watts max.

Physical Attributes

Width: 480mm (19.0 in)
Height: 476mm (18.8 in)
Depth: 535mm (21.1 in)
Weight: 79 lbs, 5 oz, (84 lbs, 14 oz with tilt/swivel)

Regulatory Approvals

RFI: FCC Class A
Safety: UL Listed, CSA approved

Environmental

Warm-up time: 20 minutes to meet all specifications

Operating conditions: 10 to 35°C
50 to 95°F

Humidity: 90% maximum, non-condensing
Altitude: Sea level to 10,000 ft

Controls

Contrast
Vertical Static Convergence
Horizontal Static Convergence
Vertical Centering
Power Switch

Radius GS/C Interface™ Specifications

Pixel Clock: 100 MHz
Composite analog signal: RS-343
Horizontal scan rate: 65 kHz
Vertical refresh rate: 72 Hz

Video cable: DB-15 to BNC coax (included)
Addressability: 1152 x 882 pixels
Operating Modes: 1, 4, or 8-bits
Card power consumption: 2 amps

Software Specifications

Tear-off Menus
Large-type Size Menu
Screen Saver

PICT Screen Dumps
Control Panel Access

Ordering Information

The Radius Color Display System is composed of the Radius Color Display (product number 0031) and the Radius GS/C Interface (product number 0040).

Contact your local Radius Authorized Dealer or call Radius (408) 434-1010 for a dealer near you.

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Product specifications are subject to change without notice.

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