Macintosh 12" RGB Display

Product Details

With the Macintosh 12" RGB Display, the number of colors that you can work with simultaneously depends on the Macintosh model and/or video card that you're using. For example, you can work with 256 colors simultaneously (from a color space of more than 16 million colors) if you have a Macintosh LC, a Macintosh IIsi, a Macintosh IIci, or a modular Macintosh computer equipped with the Macintosh Display Card 4·8. If you have a modular Macintosh equipped with the Macintosh Display Card 8·24, you can work with 16.7 million colors concurrently.

System Requirements

To use the Macintosh 12" RGB Display, 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 or the Macintosh Display Card 8·24
· A video cable (supplied with the display)

Technical Specifications

Picture tube
· 12-in. viewable diagonal, with in-line gun
· 90° deflection angle
· Black matrix-type dot screen
· Phosphor type P22 (aluminized)
· Faceplate of spherical, gray filter glass
· Shadow mask

Screen resolution
· 512 horizontal pixels by 384 vertical lines; 64 dots per inch (dpi)
· 0.28-mm dot pitch

User controls
· Back panel:
--Power switch
· Right side:
--Brightness
--Contrast

Input signals
· Red, green, and blue video signals using RS-343 standard; TTL composite sync

Active video display area
· 8.08 in. horizontal by 6.02 in. vertical (205 mm horizontal by 153 mm vertical); remainder of display area is used for border.

Scanning and refresh rates
· Horizontal scan rate: 24.48 kilohertz
· Vertical refresh rate: 60.15 hertz

Rise and fall time
· 27 nanoseconds maximum

Electrical requirements
· Voltage: 100 to 120 volts AC
· Frequency: 50 to 60 hertz
· Power: 90 watts maximum

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: 95% maximum, noncondensing
· Operating altitude: 10,000 ft. (3,048 m) maximum; 104° F (40° C) operation from 0 to 7000 ft. (2,134 m) and derated linearly to maximum 64° F (25° C) at 10,000 ft.

Size and weight
· Height: 12.2 in. (31.0 cm)
· Width: 14.4 in. (36.5 cm)
· Depth: 10.0 in. (25.3 cm)
· Weight: 35 lb. (15.9 kg)

Ordering Information

Macintosh 12" RGB Display

Order No. M0297LL/A
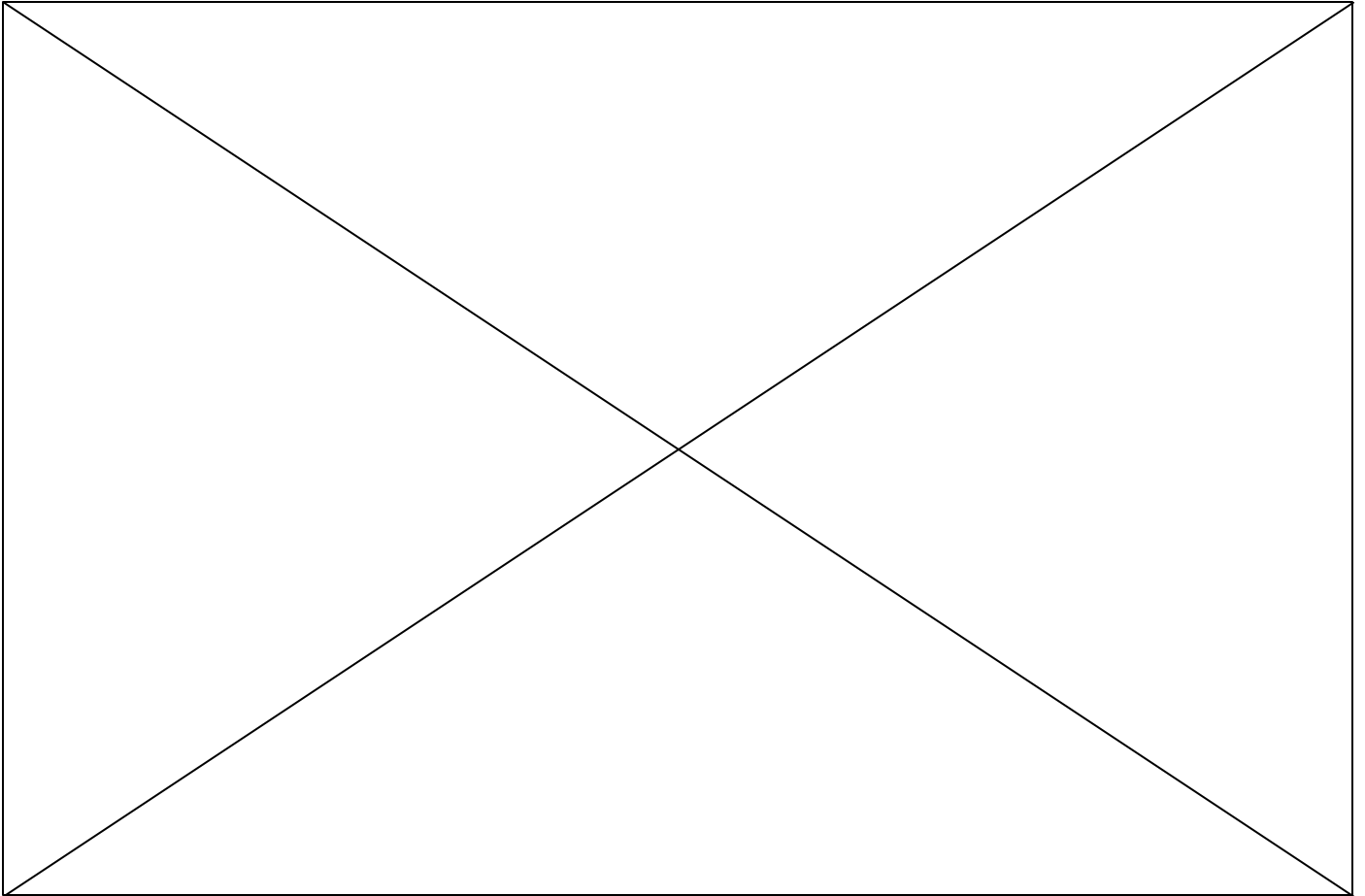
With your order, you'll receive:
· Macintosh 12" RGB Display
· Video cable
· Power cable
· Complete setup, learning, and reference documentation
· Limited warranty statement

Apple Computer, Inc.

Macintosh 12" RGB Display

Overview

The Macintosh® 12" RGB Display is Apple's lowest-cost color display for Macintosh computers. It delivers the same high perform-ance that you have come to expect from Apple® color displays in a bold new industrial design and at a lower cost.

The Macintosh 12" RGB Dis-play produces bright, vibrant colors on a high-contrast screen that displays the full width of text on a letter-size page. It supports simultaneous display of color graphics and text and offers excellent focus for sharp, clear images.

The Macintosh 12" RGB Display can be used with any Macintosh personal computer that has a built-in video port or is equipped with an appropriate video card.

Features

· 12-inch CRT with full analog RGB color

· 512 horizontal pixels by 384 vertical lines at 64 dots per inch (dpi)

· 0.28-mm dot pitch

· 60-hertz screen refresh rate

· High brightness

· Brightness and contrast controls

Benefits

· Produces excellent, vibrant colors on a full-size screen.

· Lets you display the full width (except margins) and almost half the height of a letter-size page.

· Provides clear, crisp images, even in finely detailed drawings.

· Minimizes flickering and eyestrain.

· Reduces eyestrain.

· Lets you adjust the display to suit your preferences and environment.