



# Macintosh 12" Monochrome Display

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## Product Details

When connected to a Macintosh IIsi, Macintosh IIfx, or modular Macintosh personal computer equipped with an appro-

prate video card, the Macintosh 12" Monochrome Display lets you work with up to 256 shades of gray simultane-

ously. When connected to a Macintosh LC personal computer, it can display 16 shades of gray.

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## System Requirements

To use the Macintosh 12" Monochrome 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, the Macintosh Display

- Card 8-24, or the Macintosh Display Card 8-24GC
  - A video cable (supplied with the display)
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## Technical Specifications

### Picture tube

- 12-in. diagonal
- Combination phosphor EIA Type P104 and P193 (white), dark glass
- High-contrast antiglare screen

### Screen resolution

- 640 horizontal pixels by 480 vertical lines; 76 dots per inch (dpi)

### User controls

- Back panel:
  - Power switch
- Right side:
  - Brightness
  - Contrast

### Input signal

- RS-343 standard; TTL composite sync

### Active video display area

- 8.35 in. horizontal by 6.26 in. vertical (212 mm horizontal by 159 mm vertical); remainder of display area is used for border.

### Scanning and refresh rates

- Horizontal scan rate: 35.0 kilohertz
- Vertical refresh rate: 66.7 hertz

### Rise and fall time

- 16 nanoseconds maximum

### Electrical requirements

- Voltage: 90 to 132 and 190 to 270 volts AC
- Frequency: 47 to 63 hertz
- Power: 30 watts maximum, all line conditions

### 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

### Size and weight

- Height: 12.2 in. (31.0 cm)
  - Width: 14.4 in. (36.5 cm)
  - Depth: 10.2 in. (25.9 cm)
  - Weight: 16 lb. (7.3 kg)
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## Ordering Information

**Macintosh 12" Monochrome Display**

Order No. M0298LL/A

With your order, you'll receive:

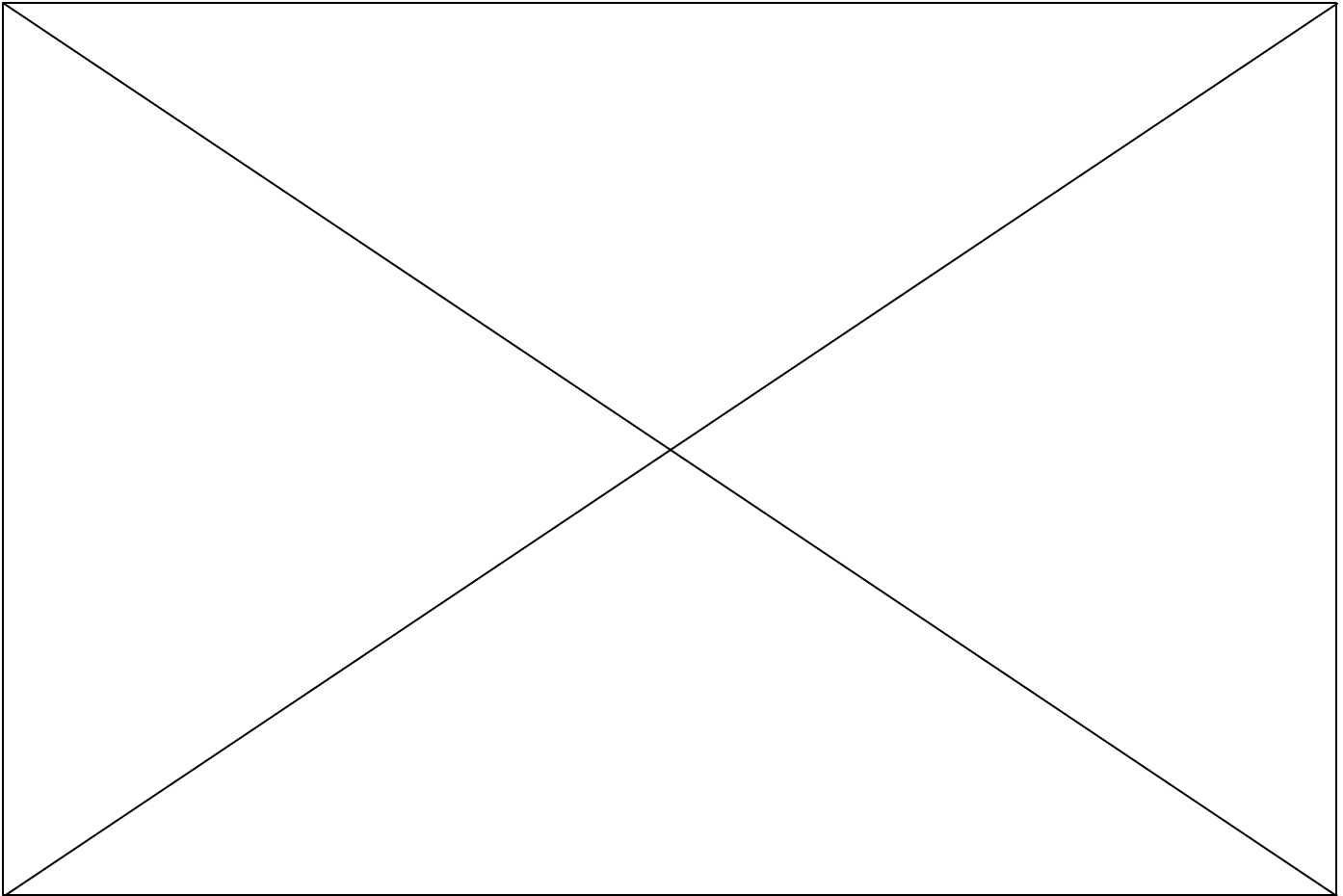
- Macintosh 12" Monochrome Display
  - Video cable
  - Power cable
  - Complete setup, learning, and reference documentation
  - Limited warranty statement
- 

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# Macintosh 12" Monochrome Display



## Overview

The Macintosh® 12" Monochrome Display offers users of modular Macintosh computers the lowest-cost option for high-resolution display of text and graphic images. It is an excellent choice for anyone who needs to view text and graphics in black and white or gray scale.

With a new "page-white" phosphor screen and dark glass, the Macintosh 12" Monochrome Display offers high brightness and sharp contrast. Its 12-inch, 640- by 480-pixel screen shows the full width and more than half the height of a letter-size page. It can also display up to 256 levels of gray simultaneously, depending on the Macintosh computer or video card to which it is connected.

## Features

- 12-inch monochrome CRT
- 640 horizontal pixels by 480 vertical lines at 76 dots per inch (dpi)
- 67-hertz screen refresh rate
- "Page-white" phosphor screen and dark glass
- Antiglare screen
- Brightness and contrast controls

## Benefits

- Delivers sharp, crisp display of text and graphics on a full-size screen.
- Offers superior resolution and focus for displaying small type and fine graphic details.
- Lets you display the full width (including margins) and more than half the height of a letter-size page.
- Maintains close size integrity between the screen and printed documents.
- Reduces eyestrain by eliminating flicker.
- Improves brightness and contrast.
- Minimizes reflected glare.
- Lets you work comfortably in bright rooms.
- Lets you adjust the display to suit your preferences and environment.