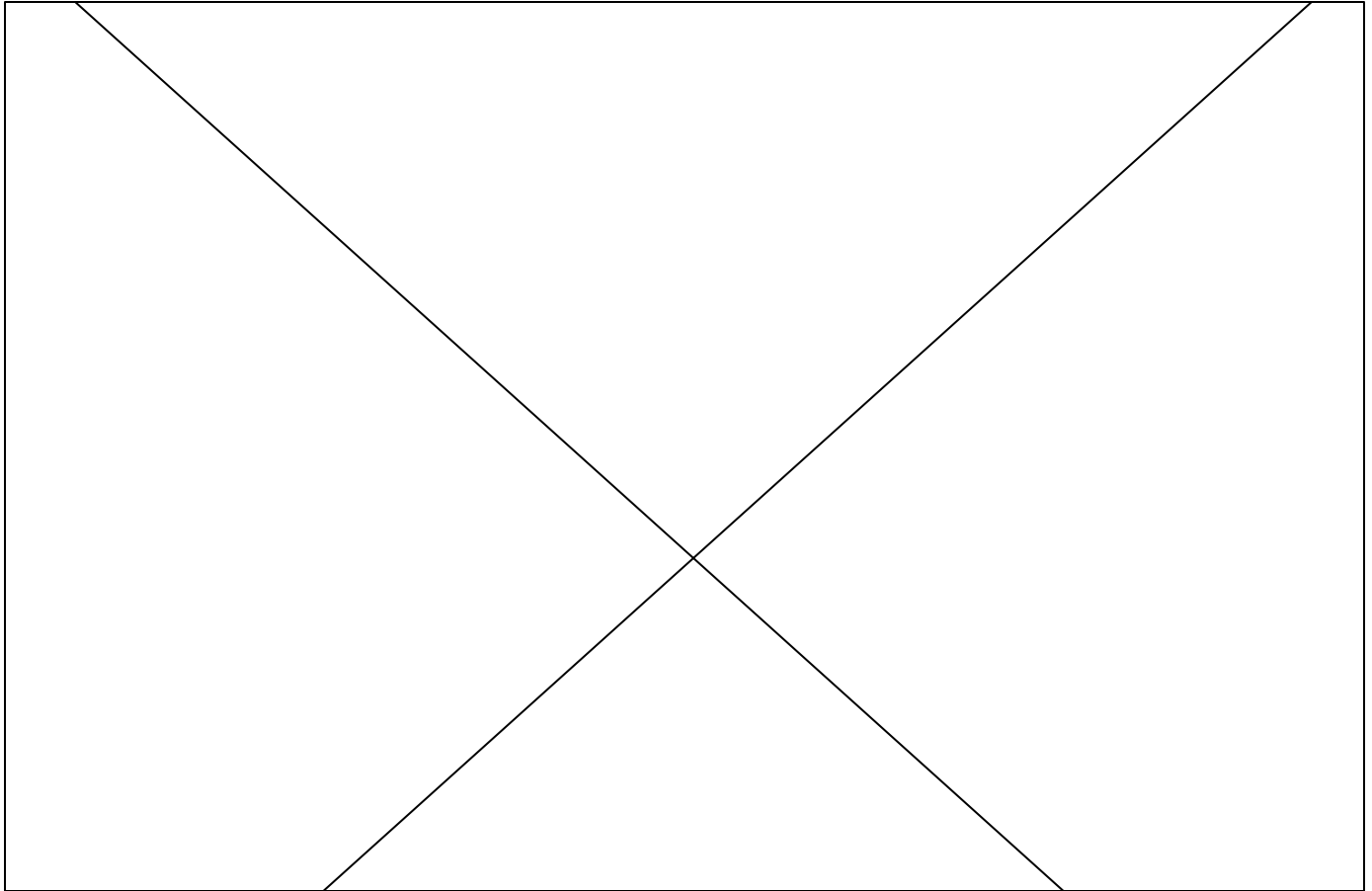# Macintosh II Two-Page Monochrome Video Card and Expansion Kit

Overview

The Apple® Macintosh® II Two-Page Monochrome Video Card provides the interface between the Apple Two-Page Mono-chrome Monitor and the Macintosh II computer. It allows for true gray-scaling, displaying as many as four levels of gray at the same time.

The optional Macintosh II Video Card Expansion Kit can increase the display capabilities of your Apple Two-Page Mono-chrome Monitor to 16 gray levels.

Features

- Up to four shades of gray at one time

- Optional 4-bit expansion kit

- Adjustable display modes

- NuBus™ compatible

- RS-170 capability

Benefits

- Offers true gray-scaling for enhancing graphics, scanned images, and documents.

- Increases the display capability to 16 gray levels.

- Lets you use the computer's Control Panel to select 2, 4, or 16 gray levels.

- Plugs into any Macintosh II slot.
- Is self-configuring.

- Provides interlaced video output compatible with many types of video equipment.

Macintosh II Two-Page Monochrome Video Card and Expansion Kit

Product Details	Software-selectable display modes Using the Control Panel desk accessory, you can set the Macintosh II Two-Page Monochrome Video Card to display 1 or 2 bits per pixel. This provides, respectively, 2 or 4 gray levels on the Apple Two-Page Monochrome Monitor.	The ability to set a two-level display ensures that monochromatic Macintosh applications can operate as quickly as possible. Optional 4-bit upgrade The Macintosh II Two-Page Monochrome Video Card has a display capability of 2 bits per pixel. Upgrading this to a 4-bit-per-	pixel display with the Video Card Expansion Kit lets you view up to 16 gray levels on your monitor's screen simultaneously. The upgrade consists of eight video RAM chips, which fit into sockets on the Macintosh II Two-Page Monochrome Video Card.
System Requirements	To use the Macintosh II Two-Page Monochrome Video Card, you need:	· A Macintosh II personal computer with an available NuBus slot	
Technical Specifications	Interface · NuBus--plugs into any Macintosh II slot Output signals · Modes: RGB (analog) and gray scale · Video: RS-343 standard and RS-170 timing-standard interlaced video	· Sync: separate sync, negative-going, TTL Connector · D-style with three internal coaxial connectors and 10 pins Display modes · 1 or 2 bits per pixel (2 or 4 gray levels)	· Upgradable to 4 bits per pixel (16 gray levels) with the Macintosh II Video Card Expansion Kit Raster rates · Vertical: 75 hertz · Horizontal: 68.7 kilohertz · Dot clock: 100 megahertz Power consumption · 10 watts
Ordering Information	Macintosh II Two-Page Monochrome Video Card	Order No. M0260	With your order, you'll receive: · Macintosh II Two-Page Monochrome Video Card · Extended ADB keyboard cable · Limited warranty statement
	Macintosh II Video Card Expansion Kit*	Order No. M0213	With your order, you'll receive: · Expansion kit--eight video RAM chips · Limited warranty statement *Dealer installation is required.