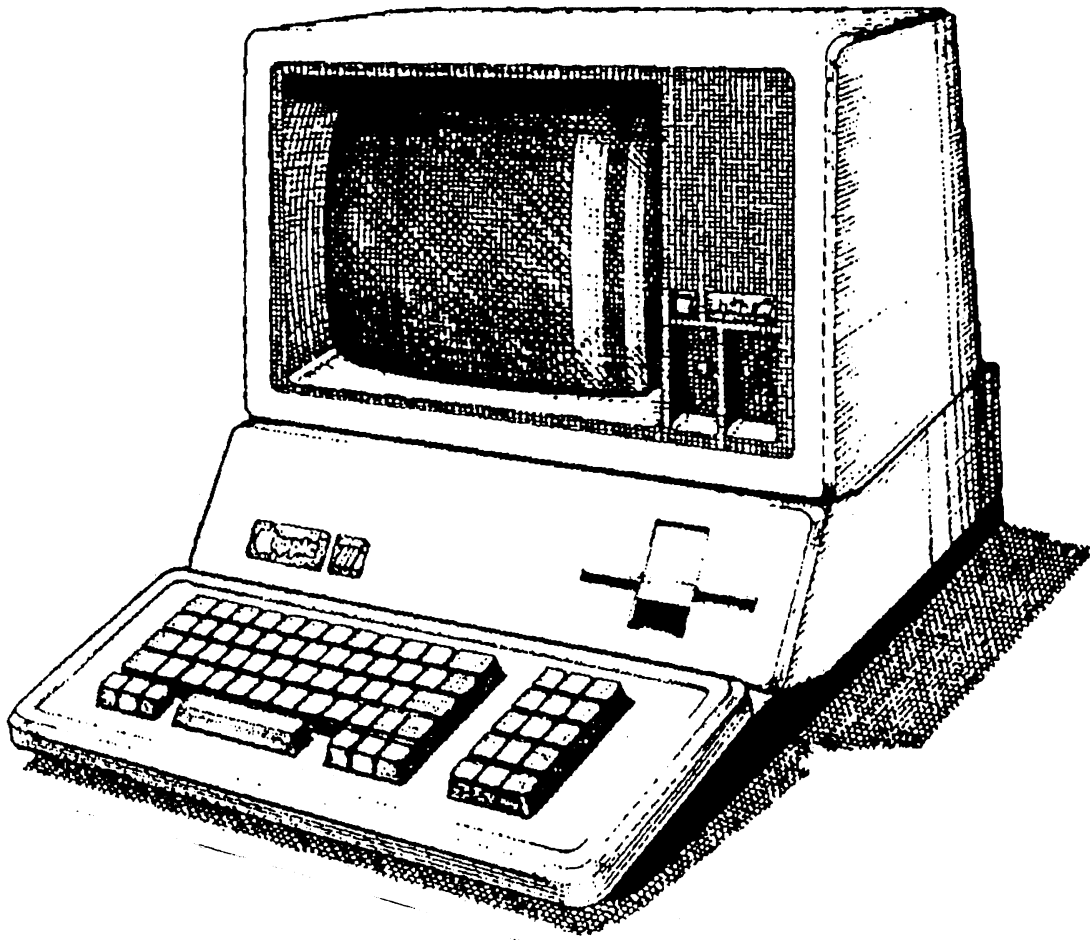




# Apple /// Computer Information



DOCUMENT NAME	#
<i>SPECIFICATION: APPLE DISK ///</i>	<i>9</i>

**Ex Libris David T. Craig**

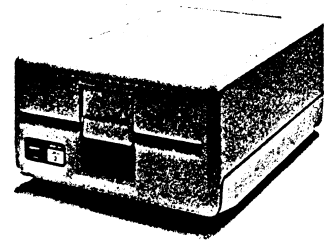
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<b>Apple Disk III</b>						<b>Accessories</b>			
All the Advantages of the Floppy Disk, and More									

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*Apple Disk III for the Apple III Professional Computer System is a floppy disk drive subsystem that allows you to increase the data storage capacity of your Apple III as your needs expand.*

*The Apple III Computer System accepts up to three external disk drives, in addition to its one built-in drive, for a total on-line storage capacity of 560K bytes. And because the Apple III was designed for easy, inexpensive system expansion, no extra control hardware or software are required as you add second, third, and fourth drives.*

*As your storage requirements increase, expand your system's capacity with Disk III—Apple's professional, reliable disk storage subsystem.*



**Benefits**

**Disk III...**

- *increases your system's capabilities by offering you up to 560K bytes of on-line storage capacity...*
- *maximizes your system's flexibility, because it allows you to expand disk storage in step with your needs, in convenient 140K-byte increments...*
- *simplifies interfacing, because it quickly plugs in, and doesn't require any additional control hardware or software.*

**Disk III—  
A Closer Look**

Installation of the disk subsystem couldn't be easier. The first external drive that you add to your system just plugs into the back of your Apple III. Then up to two more drives can be added in "daisy chain" fashion simply by plugging the second drive into the first, and the third into the second. There are no separate power cords to tangle up because the Apple III supplies power directly to the disks.

Whether you add expansion drives to the Apple III Information Analyst, or any other system configuration, Apple III's Sophisticated Operating System (SOS) automatically takes care of all interface software requirements for up to three external disk drives. Once your expansion drives are installed, SOS automatically identifies the number and the name of each whenever you start up your system. SOS also automatically maintains and updates content directories of each diskette in a system drive. This allows you to access data—directly by file name—from any diskette in any of the drives.

The additional storage capacity provided by the Apple Disk III expansion drives can speed up many of the common operations you perform with your Apple III. For example, adding just one expansion drive to your system cuts the time required to make a back-up copy of a diskette from minutes to seconds.

In addition, some Apple III programs require more than one disk drive to perform certain functions. For instance, some programs—such as Apple's Mail List Manager—need two drives to merge data files from two different diskettes into a separate, single file. Similarly, program development in Apple Pascal requires two or more disk drives.

Whether you want to increase your storage capacity or extend your system capabilities, Disk III lets you quickly and easily expand your Apple III Professional Computer System.

**System Configuration**

To use Disk III, you will need:

- any Apple III.

**Technical Specifications**

**Format:**  
 Sectoring: soft (hard-sectored diskettes may be used)  
 Recording surfaces: one  
 Tracks per surface: 35

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### Apple Disk III

Sectors per track: 16  
Bytes per sector: 256

**Capacity:**

Formatted Data Capacity: 140K bytes

**Characteristics:**

Head movement time (track to track): 25 msec.  
(across all tracks): 600 msec.

Head load time: 50 msec.

Average rotational delay: 100 msec.

Data transfer rate: 125K bits per second

**Packaging:**

Drive dimensions (H x W x D): 4.12 in. (10.4 cm.) x 6.35 in. (16.1 cm.) x 8.8 in. (22.4 cm.)

Weight: 3.0 lb. (1.36 kg.)

Power source for drives: Apple III system power supply

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**The Apple Disk III  
Package  
Order No.  
A3M0004**

With your Disk III order, you will receive:

- Disk III;
- drive identification labels for numbering your expansion drive(s) either 2, 3, or 4.

**Note:** All instructions and documentation for installation of expansion drives are contained in the Apple III Owner's Guide.