



Apple ][ Computer Information

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# IWM Floppy Disk I/O Controller Info

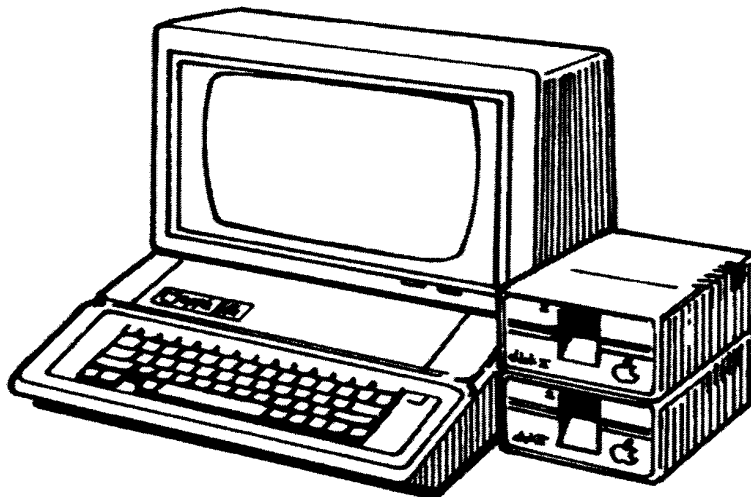
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## Addendum to Software Control of the IWM or Disk ][ Controller

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Apple Computer, Inc. -- ca. May 1982

PREFACE SECTION ONLY



SOURCE

Brutal Deluxe Software web site -- [www.brutal-deluxe.fr](http://www.brutal-deluxe.fr)  
31 December 2008

Addendum to Software Control of the IWM or Disk II Controller

PREFACE

The purpose of this document is to briefly illustrate the instructions needed to operate the disk controller. The examples which are given show only the instructions that are needed to operate the disk drive and the timing sequence of these instructions. An example of executable code has not been given since the operation within the timing loops depends on other factors, such as the current disk function. The operations described include:

- Selecting the Drive
- Turning the Motor On
- Sensing the Write Protect Switch
- Reading a Data Byte
- Writing a Data Byte
- Writing a Self-Sync Byte
- Reading a Self-Sync Byte
- Seeking to Another Track

This document assumes that the reader has some knowledge of disk formats and operating systems. (A good primer for this type of information is the book 'Beneath Apple DOS'). For example, this document doesn't show how to format a disk, but assumes that the developer knows how a disk is formatted, including the address marks and address field format.

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