

ELECTRONIC VISIONS, INC.

Model EVI-AFD ASYNCHRONOUS - FLOPPY - DISC

EVI-AFD

The Asynchronous Floppy Disc Unit (EVI-AFD) is an Electronic Visions, Inc. software product which provides a low cost replacement to MODCOMP's Model 4523 Asynchronous Floppy Disc (AFD) System. The PC based processor system is connected as a peripheral device to a MODCOMP host computer via an RS-232C half-duplex asynchronous communication channel. EVI-AFD is supported as a data storage device with the MODCOMP Asynchronous Floppy Disc handler which combines asynchronous channel and floppy disc commands. The EVI-AFD software will operate in a rack mounted, Desk top, Mini Tower or Notebook PC-AT configuration.

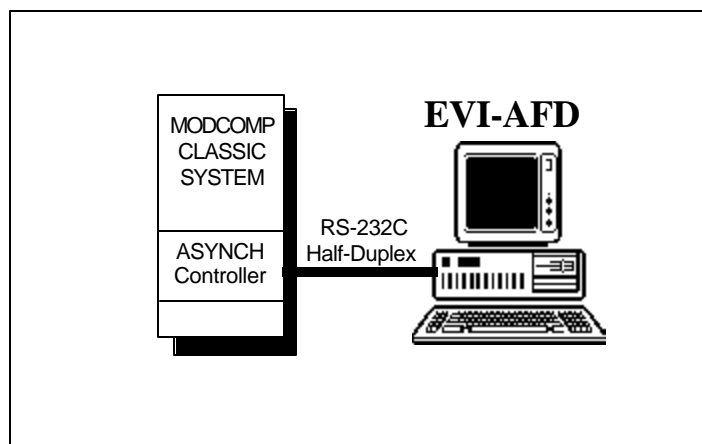


Figure 1, Typical EVI-AFD Configuration

The EVI-AFD offers single and dual density hardware sectoring, providing 15 and 26 sectors per track. All sectors have a fixed data length of 256 bytes. Commands and status are transferred with a frame size of eight bits with selectable parity. The EVI-AFD provides remote and local fill features for use with the host MODCOMP computer. The Format function is performed via an offline file format program. The Copy function is performed via Standard DOS file copy command. The Local Fill is performed via F6 function key, Write Protect is toggled via F7 function key for floppy 0 and F8 function key for floppy 1. The Remote Fill can also be performed on Start-up of the EVI-AFD software to allow auto startup after power fail.

FEATURES

PC-AT Controlled Diskette System one megabyte.

Multiple Asynchronous Channel Compatibility.

Standard MODCOMP 15 Selectable Baud Rates.

Selectable Parity Checking (Even, Odd, None)

Half-Duplex Operation.

Selectable Density 295K Bytes to 512K Bytes.

MODCOMP II/IV/Classic Diagnostic/Utility Load Device (Fillable / DAX Relocatable).

Remote/Local Program Fill via Function keys.

Remote/Local Program Fill on start-up.

Replaces obsolete hardware (AFD).

Increases performance by 75% to 100%.

Utilizes PC-AT hardware technology for low cost and high reliability.

Supports MODCOMP hardware Diagnostics.

All MODCOMP Diagnostics loaded on the hard Drive for Local Program fill along with your OS and data files.

SOFTWARE (PREREQUISITES)

Standard MODCOMP AFD Handler
MAX IV/MAX 32 OS
PC-AT DOS

Compatible Communications Controllers

- 1907-X Universal Communications Subsystem with a 1931 RS-232C interface module. 1907-X = (1907, 1907A, 1907B)
- 1908-1 Integrated Communications Subsystem with model 1909-1 RS-232C interface.
- 4804 Quad Channel Interface Controller with model 4803-1 RS-232C interface.
- 4806 Asynchronous Terminal Controller with a RS-232C interface.
- 4807 Asynchronous Terminal Controller with a RS-232C interface.
- 4808 Asynchronous Modem Controller with a RS-232C interface.
- 4809 Octal Asynchronous Controller with a RS-232C interface.
- 4850 Multifunction Controller with a 4858-1 RS-232C Port Option interface.

HARDWARE (PREREQUISITES)

MODCOMP System
Asynchronous Controller
Cabling to connect to EVI-AFD
PC-AT System 286, 386 or 486 with hard drive, floppy, RS-232C Comm Port and optional CRT / Keyboard

Model Numbers And Descriptions

- AFD-1 Software only.
- AFD-2 Software with PC-AT in a Low Profile 19" rack mounted enclosure. (Height: 4.25")
- AFD-3 Software with PC-AT in a Desk Top or Mini Tower case.
- AFD-4 Software with PC-AT Notebook configuration.

Physical Characteristics

- AFD-2 PC-AT in a Low Profile 19" rack mounted enclosure.
- Height: 4.25 in.
Depth: 16 in.
Width: 19 in.
Weight: 15 lbs.

Electronic Visions, Inc's products are of the highest quality and designed with the customers needs in mind. All products are delivered with a one year, return to factory warranty.

If you would like more information on this or any of the other products offered by Electronic Visions, Inc. please contact us at any of our offices listed.

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