

## Plug-in Upgrade for LP/FD Floppy Drives

### Upgrade to 3½" Floppy Disks. Featuring:

- Auto-Standby Mode
- Selectable Drive ID
- Rack Mount/Table Top Enclosure
- Power-on Indicator
- Quality Drive Components
- Gould/SEL Encore Interface

### **FULLY PLUG COMPATIBLE with Encore**

The FES-1 replaces dual 8" floppy drives and dual 5¼" floppy drives used as boot devices on Gould/SEL and Encore computer systems. It is available with 3½", 5¼", or a combination, in three different models. The FES-1 uses currently available ANSI standard floppy disk drives and media for improved reliability and maintainability.

FES-1 is fully plug compatible with the Gould/SEL Line Printer/Floppy Disk (LP/FD) controller, and is easy to install. It is housed in a universal chassis for rack mount or table top use. Rack mounting ears are provided with the unit for mounting in standard 19" racks and cabinets.

### **Auto-Standby**

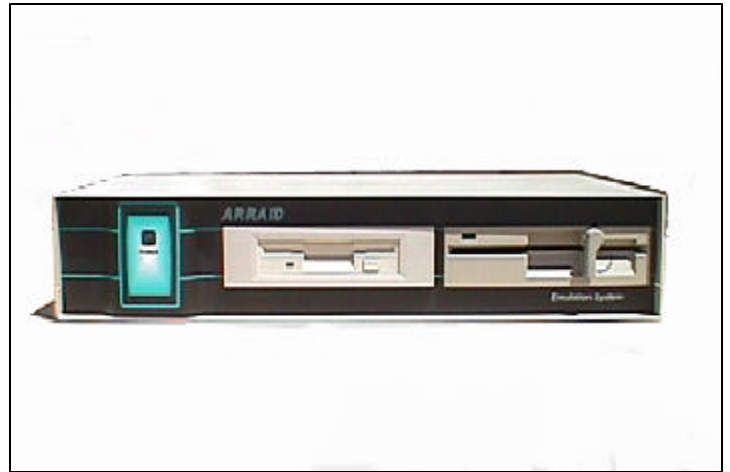
The FES-1 has circuitry that spins down the floppy drive motors after 2.5 minutes of inactivity, until the next read, write, or seek action. This Auto-standby feature greatly extends the floppy head and media life. The FES-1 can be configured for continuous operation with an internal jumper.

### **UNIT ID SELECT**

An internal jumper allows either floppy drive to be set as the default Unit 0 for boot purposes. The drive ID can be reversed with jumpers inside the FES-1.

### **SOFTWARE COMPATIBLE**

Encore currently distributes machine language for older computer cold start, operating system, and diagnostic software on 5¼" or 3½" media, that is compatible with the FES-1. An operating system utility allows for formatting of new media and copying of existing media to new. This utility can target either floppy drive Unit 0 or Unit 1. The FES-1 is fully compatible with the operating system disk utilities.



The FES-1 directly replaces LP/FD interface floppy drives with 3½" and/or 5¼" floppy drives.

## SPECIFICATIONS

### FES-1

#### INTERFACE

Gould/SEL Encore 8" LP/FD Floppy Interface, 50-pin IDC connector.  
Bytes/Sector - 512

#### UNIT ID SELECT

F0, F1 drive selectable. Internal jumper selectable.

#### STANDBY MODE

Automatic with 2.5 minutes delay. Internal jumper disable.

#### RELIABILITY

MTBF	200,000+ hours
MTTR	15 minutes

#### POWER

Input Voltage	90 - 265 VAC (Auto-sensing)
Frequency	47 - 63 Hz
Power	25 Watts (Typical)

#### PHYSICAL

	<i>High x Wide x Deep; Weight</i>
RackMount/	3.5 in. x 16.9 in. x 10.75 in.; 15 lbs
Table Top	133 mm x 429 mm x 273 mm; 6.8 kg

*Specifications subject to change without notice.*

## AVAILABLE MODELS

- |                 |   |
|-----------------|---|
| <b>FES-1/33</b> | Dual drive system, 3½" floppy drives.       |
| <b>FES-1/53</b> | Dual drive system, 3½" & 5¼" floppy drives. |
| <b>FES-1/55</b> | Dual drive system, 5¼" floppy drives.       |