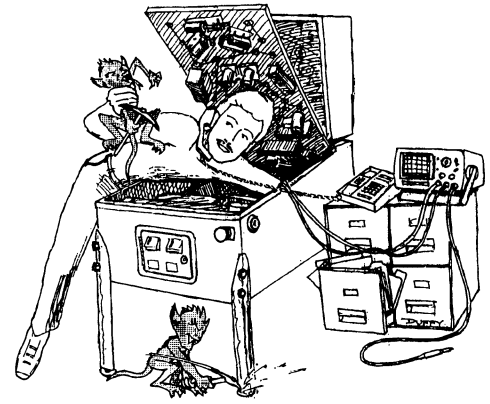




Data East Pinball, Inc.
1990 Janice Avenue
Melrose Park, IL 60160
☎ 1-800-KICKERS or ☎ 708-345-7700
Fax: 708-345-7889



Technical Support

Joe Blackwell
Director, Technical Support

Eric Winston
Technical Support Engineer

Ted Kilpin
Technical Support Engineer

Jay Afer
Tech. Doc. Administrator

TO: Parts & Service Managers

DATE: November 2, 1994

RE:  **F.Y.I. — Maverick Display 64 X 192 Dot Matrix Introduction**

Our new display assembly is comprised of two major components:

- 1. DISPLAY BOARD 64 x 192 DOT MATRIX:** Part Number 520-5075-00.

This display has its own on **Board Switching Power Supply**, which requires a 5v DC and 18v DC input. The 18v DC is used to generate the required high voltage of +68v DC and -110v DC. The manufacturers of this display are **CHERRY**, **BABCOCK** and **DALE**.

- 2. DISPLAY CONTROLLER BOARD:** Part Number 520-5092-01.

The Display Controller uses a **68000 Microprocessor**. The processor runs at a *clock speed* of 12Mhz. Two **4 MB EPROMS** support the Display Controllers *graphic capabilities*. Due to the increased clock speed with the 12Mhz Clock, the Data Transfer Rate has also increased aboard the controller, requiring faster accessing **EPROMS of 120ns**. The past generation of controllers used a *150ns 4 MB EPROM*, and **can not** be used in the new controller.

✱ ✱ **An EPROM of 120ns or faster must be used.** ✱ ✱

If you have any questions or experience any other problems, please call our Technical Support Department.