

## MX-1 CPU/ROM UPGRADE KIT (497-030999-000)

This kit is designed to eliminate erratic operation and intermittent light scan as well as random reset.. It upgrades the system program, several Orchestrations Plus features and data transfer between the CPU and CPU Interface boards.

### INSTRUCTIONS:

- ( ) 1. Remove and replace the following ROM IC's on the ROM board, board #31. See chart below.

<u>IC</u>	<u>OLD PART NUMBER</u>	<u>NEW PART NUMBER</u>
IC- <del>2</del>	920-030722-00 <del>3</del>	920-033866-010
IC- <del>3</del>	920-030722-00 <del>4</del>	920-033866-011
IC- <del>14</del>	920-030722-01 <del>5</del>	920-033866-012

- ( ) 2. Remove and replace the 40 pin Ribbon Connector cable, part number 957-031837-000, which connects from the right Orch. Plus board to the CPU board to the ROM board, to the I/O Interface board, to the Left Orch Plus board.

- ( ) 3. Remove and replace, on the CPU board, board #32. The following reset components.

NPN Transistor, Q1	991-002232-000
Mono Cap, .1uf	947-026618-104
Lytic Cap, 4.7uf	945-026783-002
Lytic Cap, 10uf	945-026783-004

This circuit is found on page 44 of the MX-1 service manual at coordinates C-1.

The kit of above parts is available under part number 497-030999-000 for \$98.00.

