ENSEMBLE
D E S I G N S

DS-1 PROM Change, 0.9.5.20 and later

Note: Normal electro-static discharge protection techniques should be observed throughout this procedure.

1. Turn OFF power switch and disconnect the power cable from the rear of the unit.

2. Remove the top cover of the DS-1 by removing the 14 screws from the top of the unit. Note: There are two nylon standoffs which support the lid. These standoffs may remain attached to the two screws in the center of the lid.

3. Locate PROMs U2, U3, U4 and U5 in the CPU module near the left front of the DS-1. Using a right angle scribe or a flat blade screwdriver to pry upward, remove PROMs U2, U3, U4 and U5 from their sockets.

4. Install the new PROMs in their respective sockets. Note that the PROMs are not in numerical order. Use the silk-screened IC numbers on the board to determine proper locations. Be sure the PROMs are installed in the correct direction, with the notch in the IC to the rear of the chassis, and that no pins are bent in the installation processes.

5. Reverse the above procedure to reassemble. If the nylon standoffs remained on the lid when it was removed, gently remove them from their screws and install them in the DS-1 module.

6. For safety, put the lid in place and attach with two screws. Connect the power cable. To reset values in the EEPROM, hold down the left and right arrow buttons and turn the power switch ON. Release the arrow buttons after the display says "Initializing".

7. When the Menu button is pressed it should illuminate, and menu functions will be operative.   Turn OFF and disconnect power cable.

8. Re-install the remaining lid screws. Note: When tightening the screws into the nylon standoffs, do not overtighten. Connect power cable and turn unit ON.