TC400D software Change

The operating software for the TC400 or TC400D is contained in two 28 pin EPROMS.

To install this upgrade, proceed as follows:

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

1. Disconnect the power cable from the rear of the unit first.

2. Remove the top cover of the TC400D by removing 10 screws on the top of the unit and 4 along the top edge of the rear of the unit. Note: There are four nylon standoffs which support the lid. These standoffs may remain attached to the four screws in the center of the lid.

3. Remove the two EPROMs (IC2 and IC3) on the CPU module by gently prying them from their sockets with a scribe, small screwdriver or other suitable tool. Install the new EPROMs in their place. Be careful to install them in the correct sockets, each EPROM is labelled with its IC number. Also be careful that the EPROMs are correctly oriented, with the notch in the IC aligned with the notched end of the socket. Note: This is the end closest to the front panel.

4. If the nylon standoffs remained on the lid when it was removed, gently remove them from their screws and install them, 2 on each the CPU and TBC modules.

5. Verify that the EPROMs are properly installed and working before final reattachment of the lid. Put the lid in place and attach with two screws. Attach power cable. The TBC Select 1 button should light and you will be able to select between the other TBCs. Disconnect power cable.

6. Reattach top lid by installing the remaining screws. Note: When tightening the screws into the nylon standoffs, do not overtighten.

Note: This software version will work on both the original TC400 and the newer TC400D. Parameters stored in Backup Memory (such as machine default timing and edit port programming) will be retained after installing this software.

If you have any problems with this procedure or any other questions, contact Ensemble Designs at (916) 478-1830, or by FAX at (916) 478-1832.