

AVTECH LTD. **ELECTROSYSTEMS**

P.O. BOX 265 OGDENSBURG, NY U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl) FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

X BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

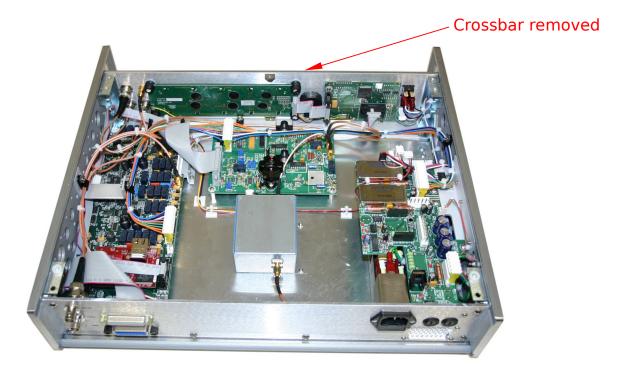
LCD REPLACEMENT INSTRUCTIONS

Note: The photos below may be for a different model, but the front panel layout should be very similar.

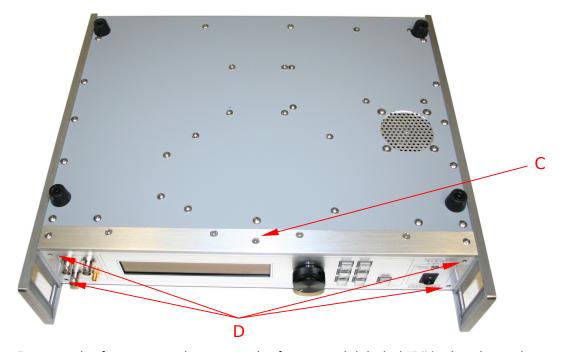
- 1. Disconnect the power cord from the rear panel.
- 2. Remove the 4 screws that secure the top cover. Slide the cover off.
- 3. Locate the LCD, labeled "A" in the photo below:



4. Remove the three screws labeled "B" in the photo above. Pull off the crossbar that these screws hold down, so that the instrument now looks like this:



5. Flip the instrument upside down, and remove the single screw labeled "C" in the photo below:



6. Remove the four screws the secure the front panel, labeled "D" in the photo above.

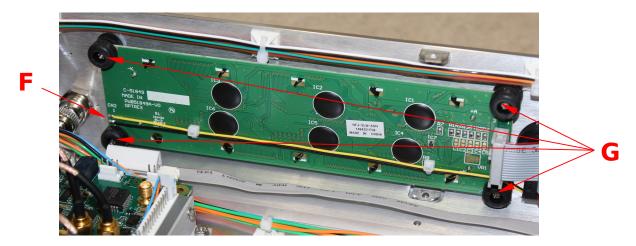
7. Set the instrument right-side-up again. Gently pull the loose front panel forward, so that it is easier to access the LCD, as shown below:



8. Disconnect the ribbon cable (labeled "E" below) from the LCD.



9. De-solder the yellow and black wires in area "F":



- 10. Unscrew the 4 screws labeled "G", shown above.
- 11. Gently pull the LCD away from the panel. It is only held in place by some light adhesive (glue) on the panel.
- 12. Install the new LCD where the old one was. Re-install the four screws ("G") with the rubber bumpers.
- 13. Re-solder the 2 wires in area "F".
- 14. Re-install the ribbon cable "E".
- 15. Gently re-position the front panel into its normal location. Make sure that no cables are pinched by the panel.
- 16. Re-install the four screws "D" that secure the front panel.
- 17. Turn the unit upside down, and re-install screw "C".
- 18. Turn the unit right side up, and re-install the crossbar and its three screws "B".
- 19. Re-install the top cover.
- 20. This completes the procedure.

If anything is unclear, or further assistance is needed, please contact:

Dr. Michael J. Chudobiak info@avtechpulse.com +1-613-686-6675