



□ 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)

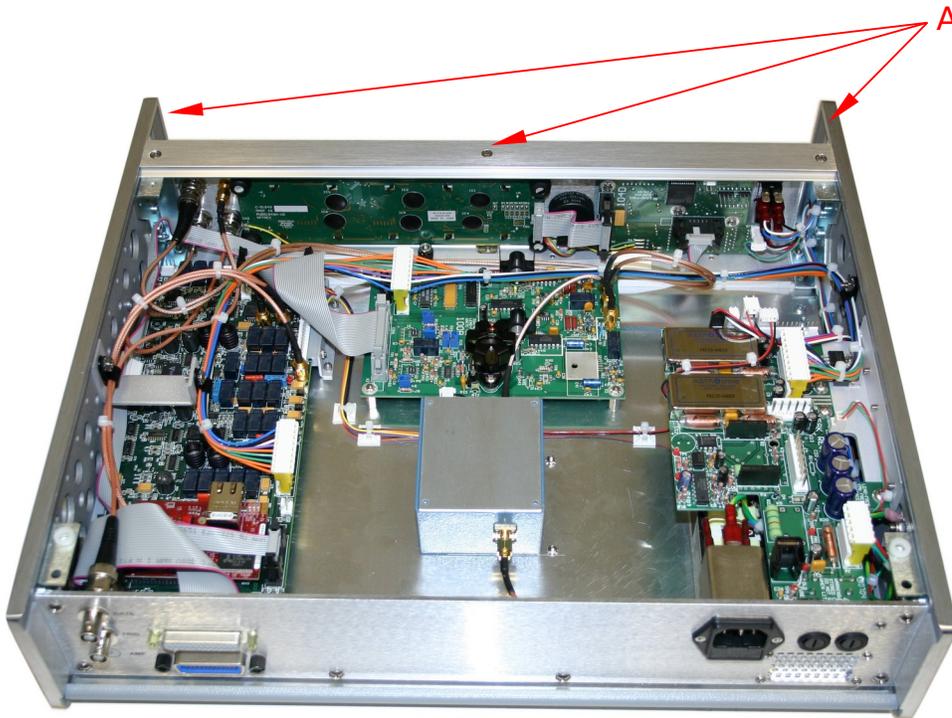
info@avtechpulse.com - <http://www.avtechpulse.com/>

☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

FRONT PANEL REPLACEMENT INSTRUCTIONS

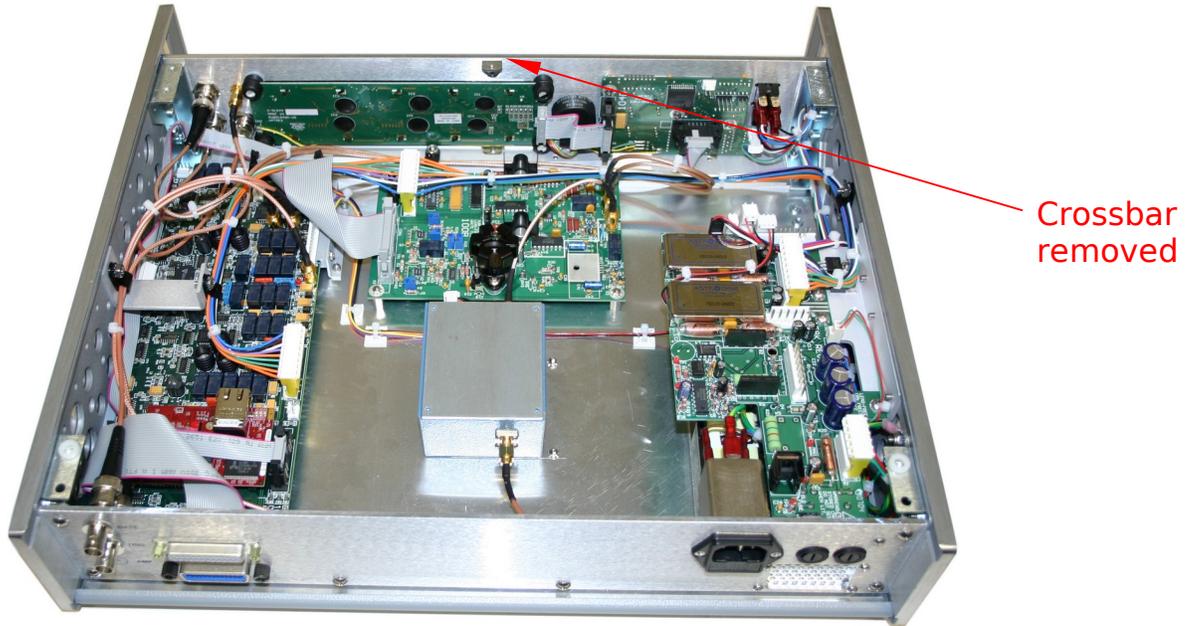
Note: The photos below may be for a different model, but the front panel layout should be very similar.

1. Disconnect the power cord from the rear panel.
2. Remove the 4 screws that secure the top cover. Slide the cover off.
- 3.

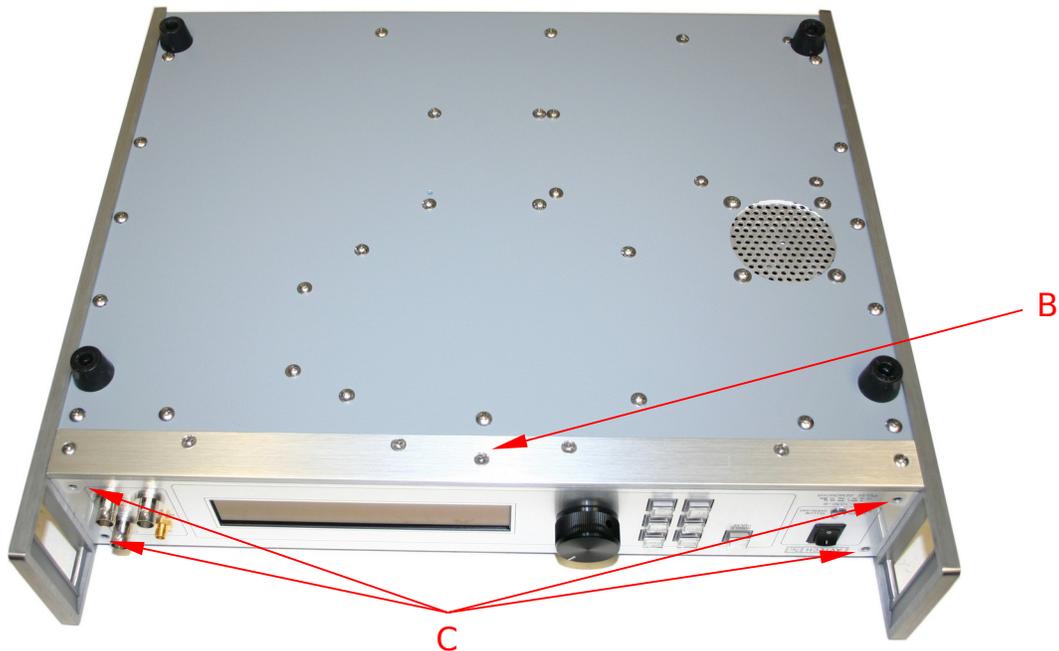


Remove the three screws labeled “A” in the photo above.

4. Pull off the crossbar that these screws hold down, so that the instrument now looks like this:

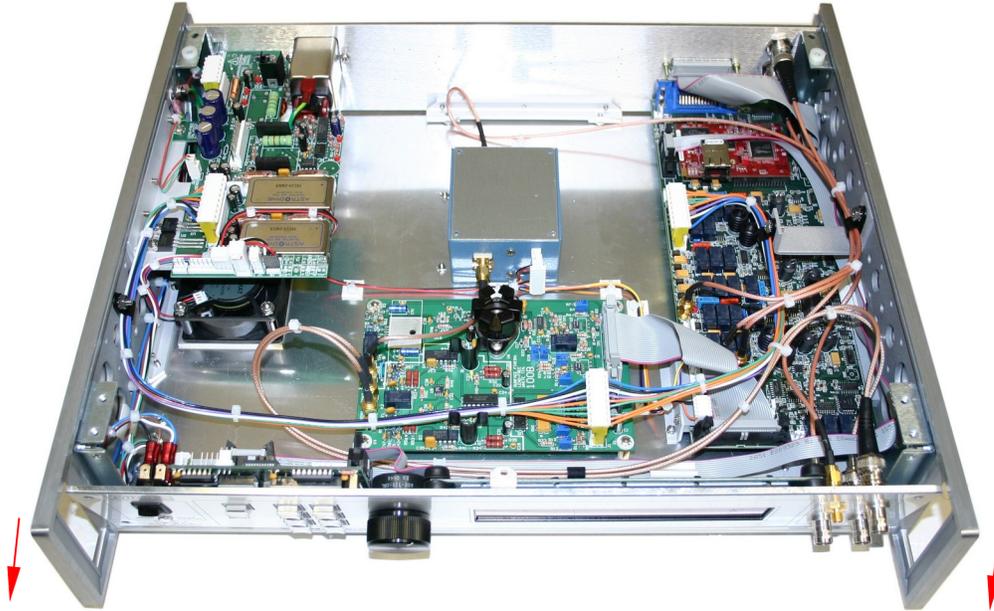


5. Flip the instrument upside down, and remove the single screw labeled "B" in the photo below:

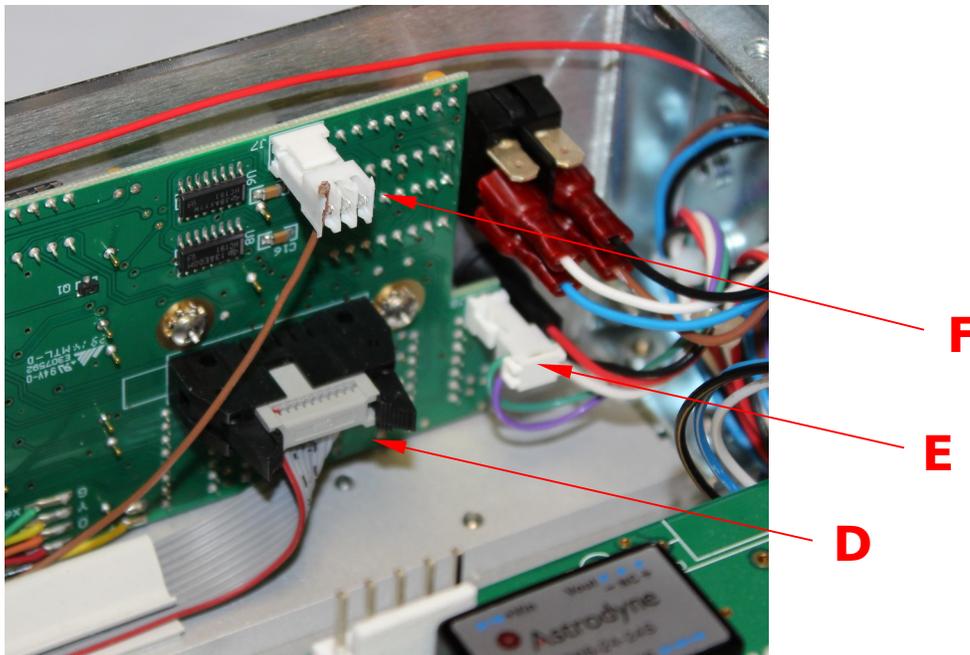


6. Remove the four screws that secure the front panel, labeled "C" in the photo above.

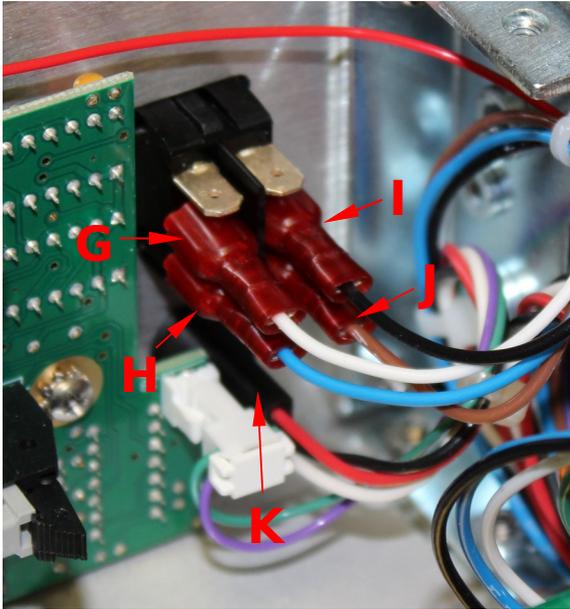
7. Set the instrument right-side-up again. Gently pull the loose front panel forward, as shown below:



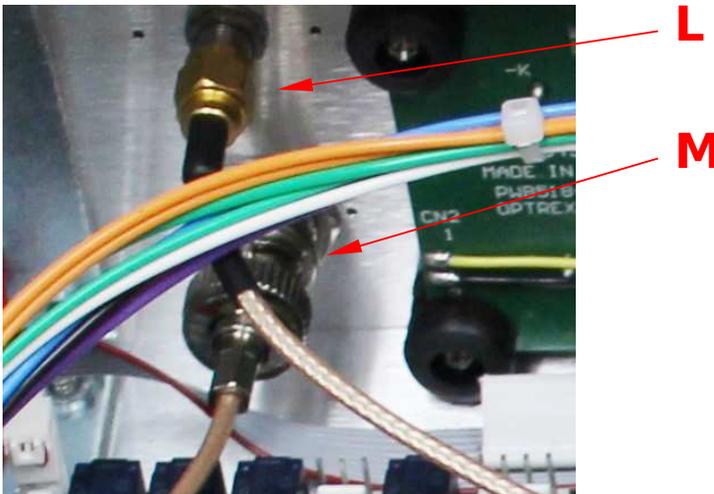
8. Disconnect the ribbon cable (“D”), the two-wire header (“E”), and the one wire header (“F”) from the keypad board, as shown below:



9. Use pliers to pull off the 4 wires leading to the power switch blades (“G-J”) and the three-wire header to the Overload LED (“K”). Note the orientation of the “K” wiring relative to the LED pins for later re-installation.



10. Unscrew the two coaxial cables “L” and “M” leading to the “OUT” and “SYNC” panel feedthroughs, as shown below. **Unscrew “L” gently, so that the feedthrough does not rotate and mark the front face of the panel.**



11. It should be possible to remove the old front panel now. Return it to Avtech, and position the new panel in place.
12. Re-connect coaxial cables L and M. **Do not over-tighten “L”, or the feedthrough may rotate and mark the front face of the panel.**
13. Re-connect the Overload LED (“K”).
14. Re-connect the power switch (“G-J”). Refer to the photo above to ensure that the correct colors of wires are fed to the correct switch pins.

15. Re-connect the ribbon cable (“D”), the two-wire header (“E”), and the one wire header (“F”) to the keypad board
16. Gently re-position the front panel into its normal location. Make sure that no cables are pinched by the panel.
17. Re-install the four screws “C” that secure the front panel.
18. Turn the unit upside down, and re-install screw “B”.
19. Turn the unit right side up, and re-install the crossbar and its three screws “A”.
20. Re-install the top cover.
21. Test the instrument. If the overload LED is a steady yellow color instead of green, then the “K” connector needs to be rotated and re-installed.
22. 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