EEPROM SETUP GUIDE LVB 0.7: PIC16F876A ST2 USB / RS232 PC Interface

Before using ST2, it is required be configured so that ST2 knows the external limits! Config is saved in eeprom of PIC16F876A

At power ON, following LCD message indicates FW version:

Next message will be as follows:

"Bad eeprom" message indicates that ST2 is not yet configured and that ST2's Eeprom need to be written with connected device information.
(Such as a Yaesu Rotor Controller)

If you are using anything other then Yaesu rotors, connect 8 Wire cable according to your requirement.

TR1 Connections at ST2: (Goes to Yaesu Rotor Controller / DIN8) Connections count from "TR1"

1. **GROUND**
2. **+VE (_12V from ROTOR)**
3. **AZ (Analog Feedback From Rotor)**
4. **EL (Analog Feedback From Rotor)**
5. **LEFT**
6. **RIGHT**
7. **DOWN**
8. **UP**

To write ST2's eeprom, do as follow:

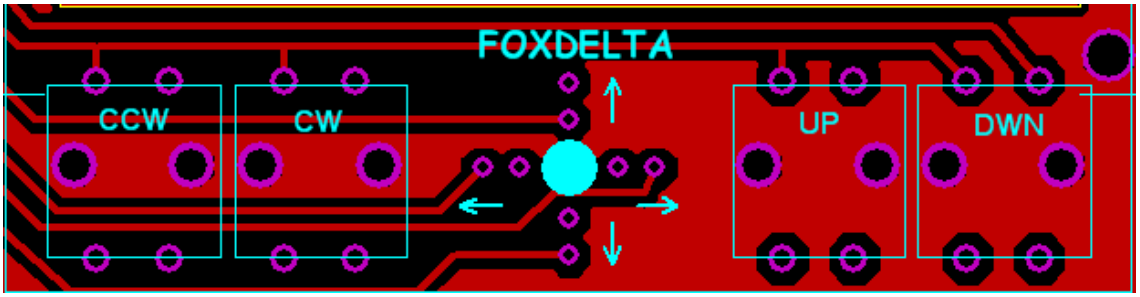
1. **Connect 8 Wire cable from ST2 Screw Terminal to DIN8 Plug that connects to G5500/5400.**
2. **When ST2 is connected to Controller, Power ON ST2.**
3. **Keep pressed one of the front button until you see following menu on LCD**

Now, with rotor connected and G5400/5500 powered ON, follow LCD Setup menu and enter rotor data by way of moving rotor.

SETUP Uses following Keys:

U = UP, D = Down, R = Right (CW) and L = Left (CCW).

Front Panel Keyboard look like this:



At the end of EEPROM configuration, SAVE and EXIT.

At next start up (Power ON) you will not see "Bad Eeprom" message.

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