

## SoundMan Help Files

### USB to RS485 Adaptor

*How to make you own computer interface for the Electro-Voice Dx 38 or Dynacord DSP 244 System Processor.*

#### **You will need to buy the following:**

- 1 - USB-COMi USB to RS422/485 from [www.saelig.com](http://www.saelig.com)
- 1 - DB9 to DB9 serial cable
- 1 - 3 pin male XLR connector

#### **You will need the following tools:**

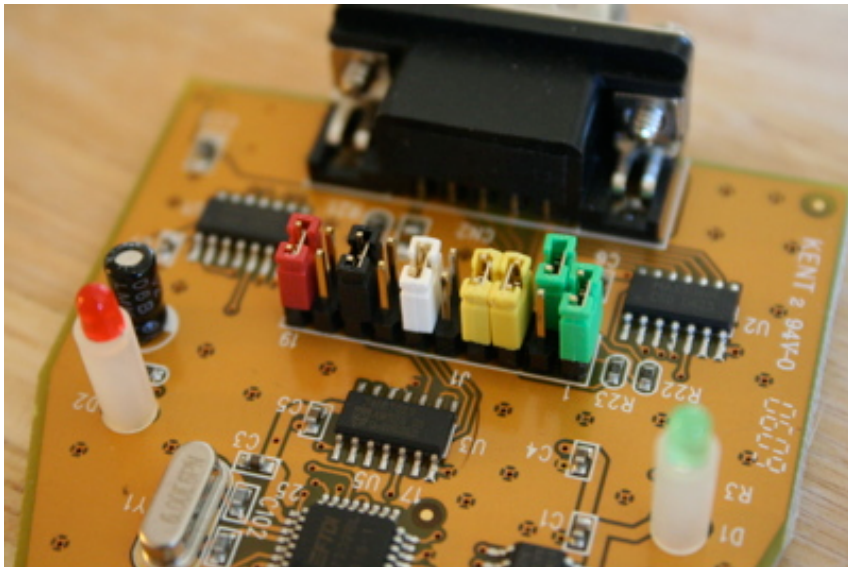
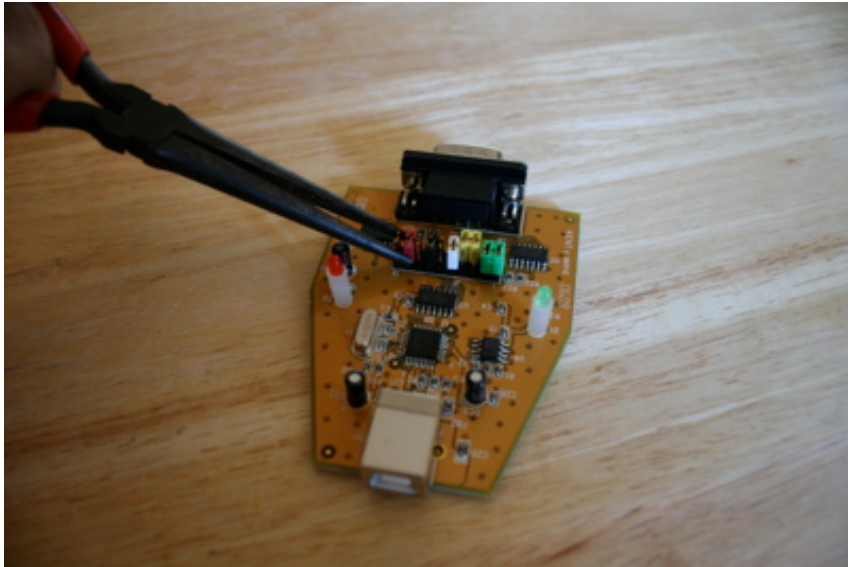
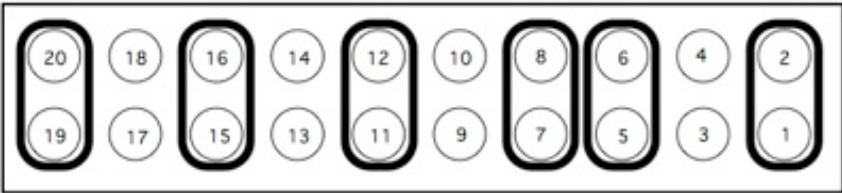
- Soldering iron and solder
- Small needle nose pliers
- Small philips and straight blade screw drivers
- Small wire cutters



Step One -  
Remove the cover of the USB-COMi

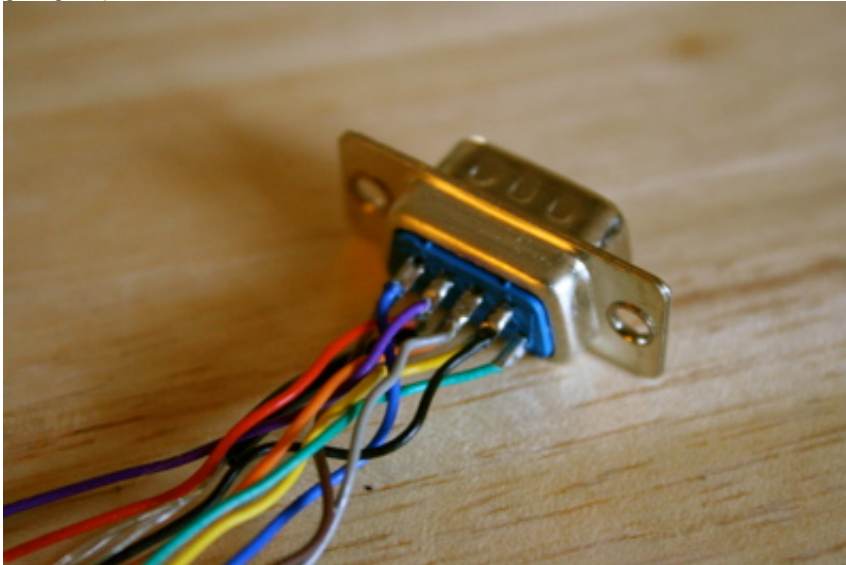


Step Two -  
Change the internal jumpers to the following chart and then reassemble the convertor.



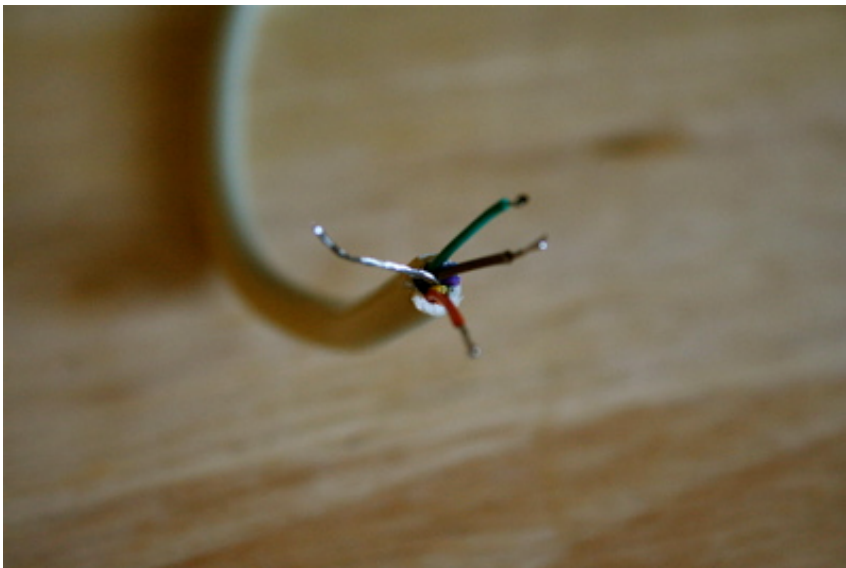
Step Three -

Remove the male end of the serial cable and identify the colors of the wires going to pins 1, 2, and 5.



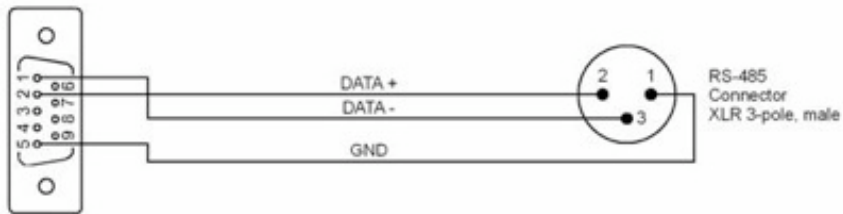
Step Four -

Trim back all of the other color wires. This cable also had a drain wire without insulation that was soldered to the metal shield of the DB9 connector and I left this wire also and soldered it to the out side metal shield of my XLR connector.

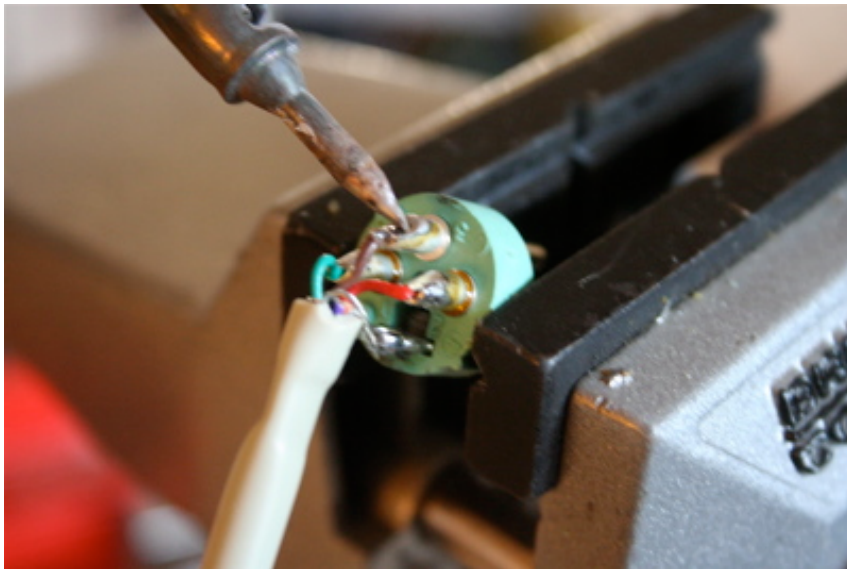


Step Five -  
Solder this end to the XLR connector. Your new cable should end up like the following illustration

USB-COMi INTERFACE CABLE



DB9, female



Step Six -  
Screw the DB9 connector to the converter and plug in the USB cable.



All that is left to do now is install the USB to Serial driver on your computer and you are ready to go.