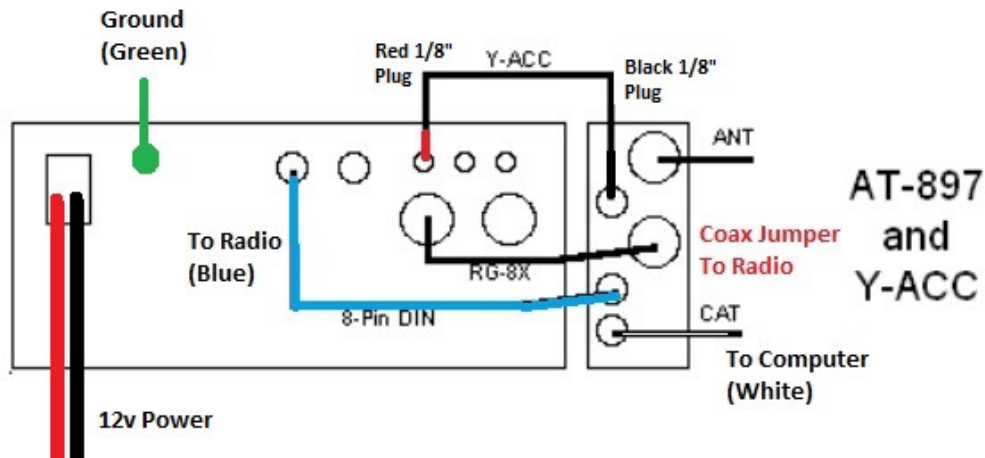

AT-897 Tuner:

Wiring from the Radio to the AT Antenna Turner is not very intuitive. I have adapted the diagram from the User Manual to help decipher this, in the event something becomes disconnected.

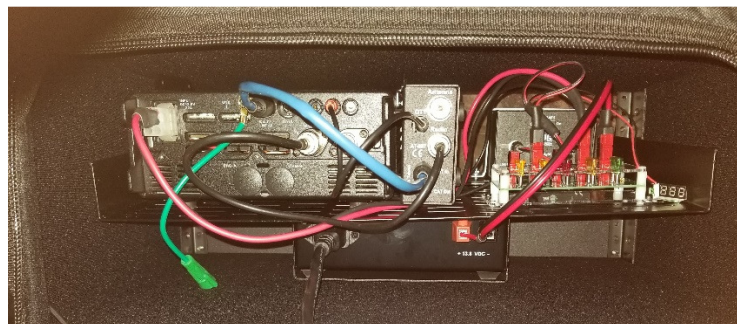


The most common mistake, is the connection of the CAT Cable from the radio to the tuner. The Blue CAT Cable goes into the top CAT Port on the Tuner, while the White CAT Cable connects to the PC Interface.

The new common mistake, is the black cable with 1/8 inch phone plugs on each end. The Red colored phone plug goes to the radio in the Accessory Port, while the Black colored phone plug goes into the tuner. There is small print on the cable to remind of this. If the connection is reversed, the tuner simply will not work on demand.

Grounding:

There are a number of ground points for the system. All are connected with GREEN colored wires. Grounding points come from the back of the radio, from the back of the power supply, and from the rack chassis. It is recommended that these green grounding wires be connected to a common ground rod, connected to earth ground.



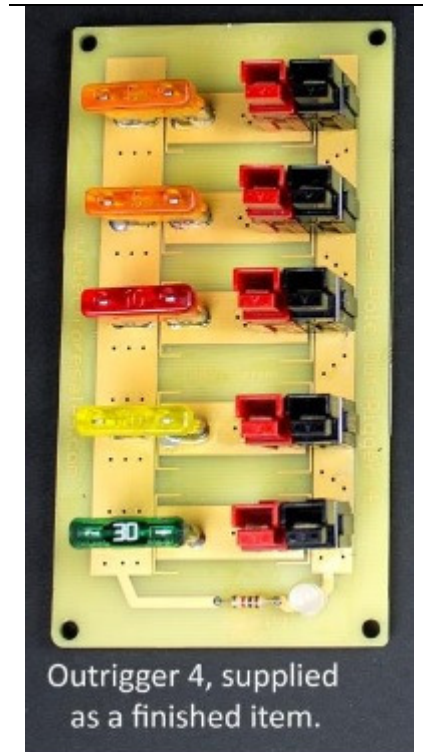
Outrigger 4 Power Distribution Unit:

Connections to and from the Outrigger 4 PDU are very straight forward, as indicated in the photo at right. All incoming and out going connections must use Anderson Power Pole connectors.

In the event you wish to use a power source other than the Samlex Power Supply, simply plug that power option in at the 30-Amp Fuse Connection.

The Out Riger 4 has a Green LED Indicator which will illuminate GREEN if incoming power connection is of the correct polarity. This also serves to indicate that power is present to the PDU. This LED will illuminate RED if polarity is incorrect.

The digital indicator located near the upper front of the console will illuminate the incoming voltage in BLUE regardless of the power source. The nominal voltage coming from the Samlex Power Supply is 13.7 volts. Voltage from any power source in excess of 14 volts may not be healthy for the transceiver and may likely start blowing fuses.



From Bottom to Top:

30-Amp: Input from Power Supply or other power source.

20-Amp: Output to Radio.

10-Amp: Open

5-Amp: To Analog Meter Light and Digital Volt Meter.

5-Amp: Open