

3 X 11 Antenna Switch at PJ4G

Attach antenna coaxes to antenna switch corresponding to the positions on the display box with the LEDs. Here is the common setup:

- 1 -- **160 meter antennas**
- 2 -- **80 meter antennas** – Marked as 80 DIPOLE
- 3 -- **40 meter beam**
- 4 -- **Tri15 20 meters** - Should already be connected. **Note the TR15 plugs into the Triplexer.**
- 5 -- **Tri15 15 meters**- Should already be connected. **Note the TR15 plugs into the Triplexer.**
- 6 -- **Tri15 10 meters**- Should already be connected. **Note the TR15 plugs into the Triplexer.**
- 7 -- **X19 tri-bander** - Fixed northwest
- 8 -- **C3E tri-bander** - Fixed south
- 9 -- **TRI7 tri-bander** - On 90 foot tower
- 10 -- Spare
- 11 -- Spare

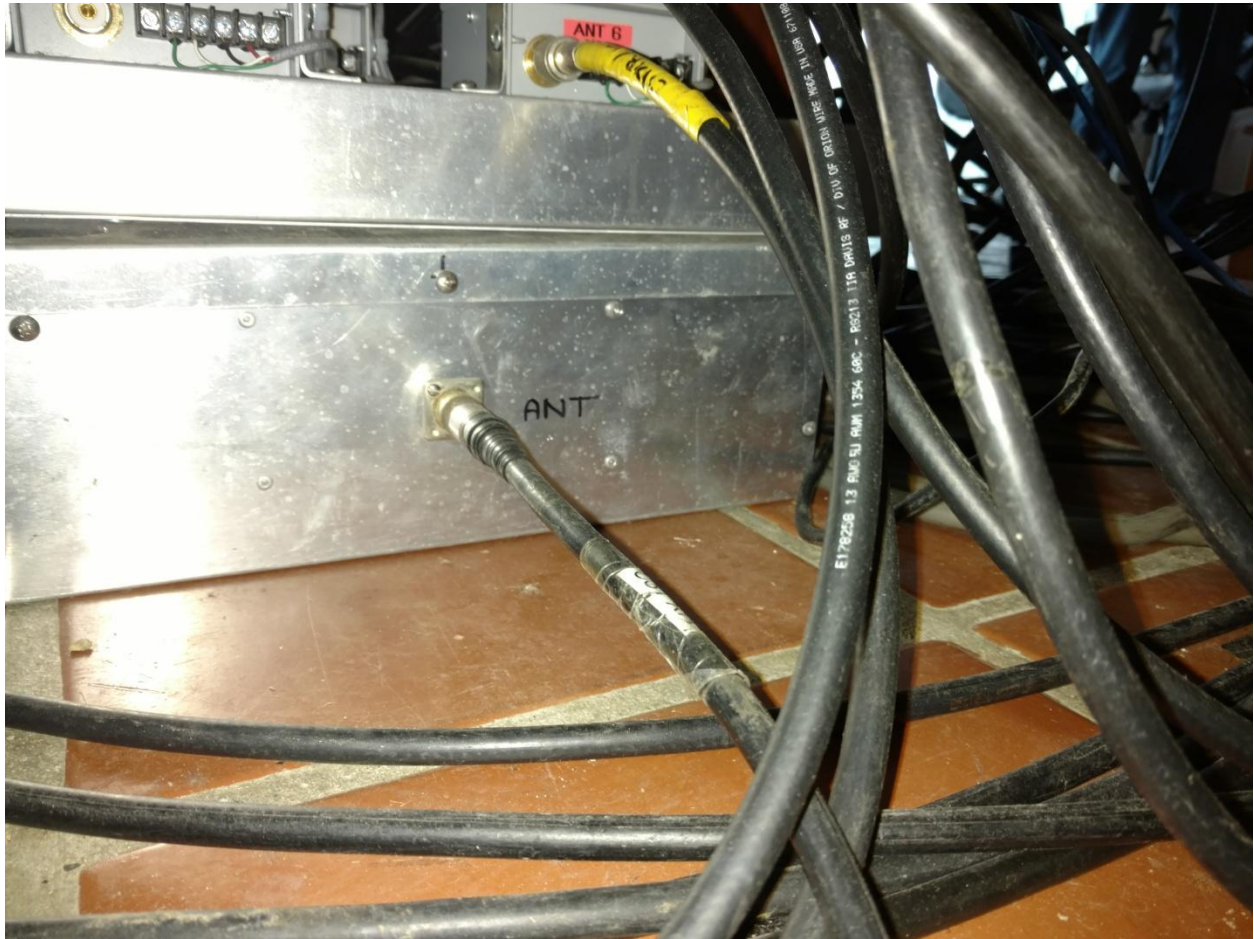
Note the WARC7 and 6 meter beams can be connected into the spare positions on the 3x11 switch.

See picture below



Triplexer

The TRI17 tri-bander coax plugs in here. Coax marked as TRI17. See picture below.

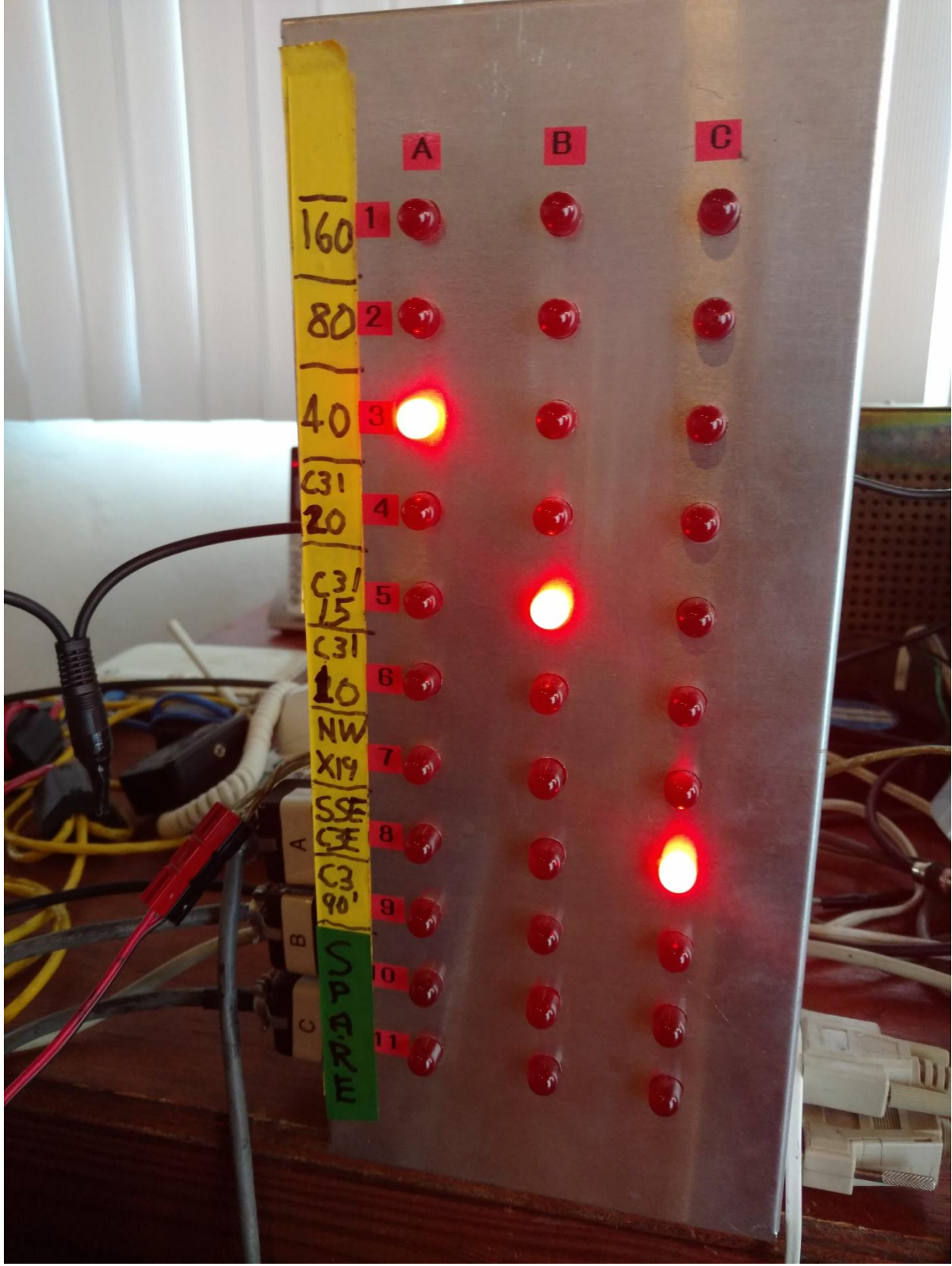


Hookup connectors to 3x11 display box with LED's

A, B and C Jones plugs plug into the left side of the box

9 pin and 24 pin computer connectors connect in on the right side of the box.

See pictures below.







Manual antenna switch at each operating position

The switch is marked and you will see the LED light up indicating the antenna you have chosen.

Station A is the operating position at the far left on the operating table.

Station B is the middle operating position.

Station C is the far right operating position on the table.

If an antenna is chosen it can't be used at the other two operating positions.



Note : If there seems to be a non-working position or control knob, DeOxit should be sprayed onto the Jones connectors and worked back and forth a few times.



Each operating position has a power strip and power pole connector mounted to the back of the table. Under the table are ground wires to connect to the radio and amplifier.

