

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 antenna

2-- 80 meter antenna – **Marked as 80 DIPOLE**

3 – **Momo Beam 40 meter yagi** on 90 foot tower

4 – **Momo Beam TRI-15** – 20 meters - **Note the TRI-15 coax plugs into the triplexer (Bottom box in picture)**

5 – **Momo Beam TRI-15** - 15 meters- **Note the TRI-15 coax plugs into the triplexer (Bottom box in picture)**

6 – **Momo Beam TRI-15** -10 meters- **Note the TRI-15 coax plugs into the triplexer (Bottom box in picture)**

7 – **Force 12 X19** fixed Northwest

8 – **Force 12 C3E** fixed South

9 – **Momo Beam TRI-7** on 90 foot tower

10 – **WARC beam** on small tower

11 – **Force 12 C3** on small tower

Note there will be a small power cable with a power pole connector on it to provide 12 volts to the 3x11 switch.

See picture below of 3x11 switch and triplexer



Triplexer

The TRI-15 coax plugs in here. Coax marked as TRI-15. 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 operating position at the right of that.

Station C is the operating position on the high desktop

Note if LED is illuminated on one of the positions on the box (for example station A) then station B and C will be locked out from using that antenna. If Station B illuminated then station A and C will be locked out. If Station C illuminated then station A and B will be locked out.

Each operating position will have a piece of coax going to it from the 3x11 switch and ground wires under the table to hookup to the equipment.

Station A

Station B

Station C



