4 Way Remote Antenna Switch

1500W version

The new 4 port antenna switch is designed to help the portable operator overcome a few practical obstacles.

- **Firstly the switch is now made from a plastic housing. This ensures that there no chance of electric shock when used in a portable, damp or wet setting.**

- **It has a larger dial for selecting each port which makes the switch unit very easy to operate which is an improvement over the original small knob.**

- **It still uses the DC jack for supply of 11-15vDC however the 1A glass fuse is accessed at the rear of the switch unit with no tools needed. Simply unscrew the lid of the fuse socket, swap over the fuse and re tightening the lid. Again this is a vast improvement over the original design which required the switch unit box to be opened up.**

- **RJ45 socket has been kept for connection between the switch unit and the relay unit. Any standard CAT 5/6 cable will allow the connection of the switch unit and relay unit.**

<u>RJ45 SOCKET CONNECTIONS</u>

ORANGE / WHITE CABLE ---------- PIN 1 (PORT 1 WHEN 12V APPLIED)
ORANGE---------- PIN 2 (PORT 2 WHEN 12V APPLIED)
GREEN/WHITE ---------- PIN 3 (PORT 3 WHEN 12V APPLIED)
BLUE ---------- PIN 4 (PORT 4 WHEN 12V APPLIED)
BLUE / WHITE ---------- PIN 5 GND

The switch unit will light up when each port is active from left to right port 1, 2, 3 and 4.

If no LED is showing when powered and knob is turned then please check the fuse. There really is nothing in the design that can go pop other than the fuse.

The DC jack on the rear is a centre positive pin and can be anywhere between 11 and 15vDC so the power supply from your rig (13.8v) will do.

The relay unit is constructed from die cast aluminium and fitted with 5 x SO239 sockets.

The 4 x antenna ports are numbered and correspond with the switch unit with the centre connection being the coax feed to the rig / amplifier.

The RJ45 socket allows connection of the standard cat 5/6 cable to the switch unit.

For long external use liquid tape or similar should be used between the lid and box of the die cast material as well as amalgamating tape around the rJ45 and SO239 sockets.

TOTAL RF POWER HANDLING IS 1500W