JACK- (4 INPUT RADIO TRANSMITTER FOR BASE STATIONS)
**JACK - 4 CH UHF TRANSMITTER**

**Description:**
The JACK TRANSMITTER is a UHF 100mW 4 channel transmitter that may be monitored by a base station up to 6 km away (depending on environment).

**Applications:**
- Existing alarm panel
- Electric Fence
- Panic buttons
- Fire detection system

The Jack is supplied with six colour coded wires. The connections are as follows:

- **Yellow:** Channel 1
- **Green:** Channel 2
- **Blue:** Channel 3
- **White:** Channel 4
- **Red:** Positive 12v
- **Black:** Negative 0v

Power is constantly applied to the unit but each channel is triggered by applying a positive 12v to the input.

**CODE PROGRAMMING**

The frequency is pre-programmed in the factory. The ID code MUST be programmed by the user. This can be done manually (see below) or using our standard universal programmer (supplied separately).

**NOTE:** A test signal is sent every 24 hours. This may be changed on request.

**Transmitter code:**

Programming is accomplished by using the **I (Inc)** and **S (Step)** buttons.

1. Apply power to the unit
2. Press and hold the **Inc** button until the green and red LED flash continuously
3. Using the **Inc** and the **Step** buttons enter a 5 digit number (*NO HIGHER THAN 09999*) which will be the Transmitter Code (ID).
4. After the fifth digit is entered the onboard LEDs will flash for one second.
5. Press the **Step** button TWICE to exit programming or simply remove power.

**Example:**

**I** (Step) Steps you to the next digit and **Inc** increments that digit

To program the Transmitter (ID) Code to 01234 (5 digits with leading zero)

Hold the **I** button until the green and red LED flash continuously.

Now using **I** and **S** enter 5 Digits (01234) = **S** **I** **S** **I** **S** **I** **I** **S**

0 1 2 3 4

[Diagram showing connections and monitoring software]
**Technical Specifications**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Min.</th>
<th>Typ.</th>
<th>Max.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply: Voltage D.C. Current (100 mW)</td>
<td>10</td>
<td>13</td>
<td>13.8</td>
<td>V (dc) mA</td>
</tr>
<tr>
<td>Transmitted power (link out) rms (50 Ohms)</td>
<td>80</td>
<td>90</td>
<td>100</td>
<td>mW</td>
</tr>
</tbody>
</table>

**Power Connection**

12v dc supply is permanently connected to the unit. Contacts are connected to the 4 inputs and each channel is triggered by applying power to the input.

**How to open the JACK R:**

Use the allan key inserted into the grub screw to remove the antenna socket.

NB: When closing, make sure that the cover is properly seated and that the antenna socket is tightened for good contact.