TRX44
4 input / 4 output tranceiver

Antenna

Operation:

Once a TRX44 is paired to another TRX44, triggering an input on one, will activate the corresponding output on the other .

The action/status of the inputs of one unit are copied to the outputs on the paired device: (ON, OFF or PULSE)

Each TRX has 2 settings: MyAddress (its own address) and PairAddress (the address of the paired unit)

Programming:

Step1
To enter into programming press and hold Buttons INC & STEP *whilst applying power* until the GREEN LED flashes

Programming MyAddress

Do Step 1
Press INC button 1 time
Press STEP button 1 time

Press the INC button for the number of times of the
My-Address (Maximum 9) followed by the STEP button
. i.e. address ID of 4 = press INC 4 times followed by STEP

Both ORANGE and RED LEDs will alternate.
Press and hold both INC and STEP to exit programming
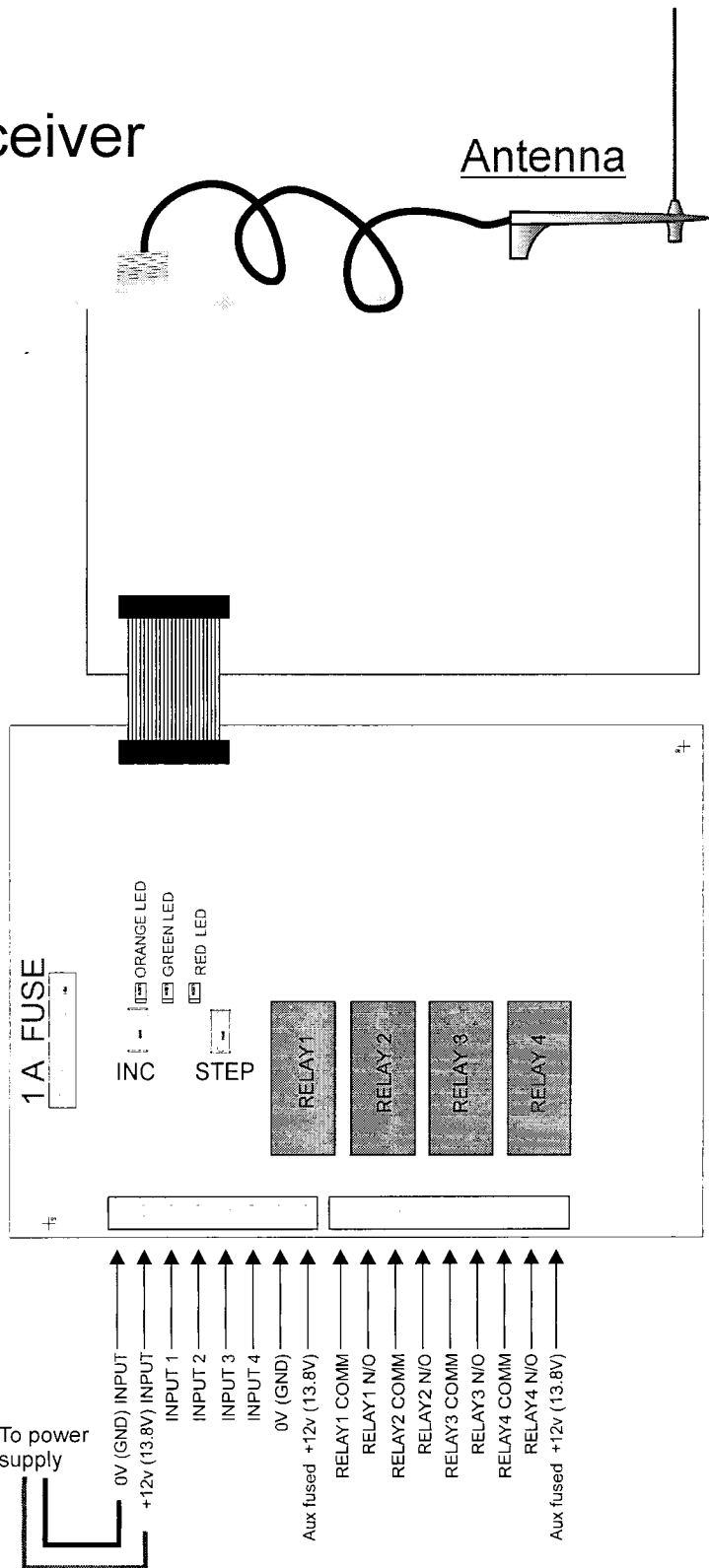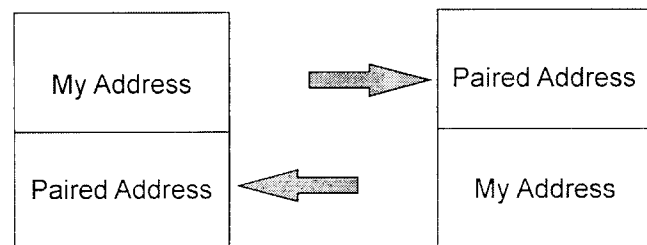
Programming The Pair-Address

Do Step 1
Press INC button 2 times
Press STEP button 1 time

Press INC button for the number of times of the
Pair-Address (Maximum 9) followed by the STEP button
i.e. address ID of 3 = press INC 3 times followed by STEP

Both ORANGE and RED LEDs will alternate.
Press and hold INC and STEP to exit programming

Remove power and powerup again ,
MyAddress will be indicated by the Yellow LED and
PairAddress by the Green LED

To power supply

| 0V (GND) INPUT | +12v (13.8V) INPUT | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | 0V (GND) | Aux fused +12v (13.8V) | RELAY1 COMM | RELAY1 N/O | RELAY2 COMM | RELAY2 N/O | RELAY3 COMM | RELAY3 N/O | RELAY4 COMM | RELAY4 N/O | Aux fused +12v (13.8V) |

1 A FUSE
ORANGE LED
GREEN LED
RED LED
INC   STEP
RELAY1 RELAY2 RELAY3 RELAY4

- Inputs are positive triggered
- Relay contacts are rated at 8A/250V

My Address	→	Paired Address
Paired Address	←	My Address

NB: connect antenna before powering up the system
Note:
The system uses a licence free wireless band and successful communication can not be guaranteed due to `interference that may occur.