

## TX001/RX001 & TX002/RX002

### CHANGING YOUR CODE

Should you wish to change the code for any reason, you will need to familiarise yourself with the encoding paragraphs. Thereafter you will need to adhere to the following procedure:-

1. Write down the connection details for your new code. Refer to Fig. 2 if you need assistance.
2. Open the casing of Transmitter/Receiver. Remove the battery from the Key Fob.
3. Locate the Encoder/Decoder on the Printed Circuit Board. View from the underside of the board. (See Fig. 3 for single channel, Fig. 4. for dual channel).
4. With a fine tipped soldering iron remove the existing connection between the address pins and 0 Volts and 5 Volts.
5. Make new solder connections between the address pins and 0 Volts and 5 Volts as per your connection details from paragraph 1.
6. Reassemble the Transmitter and Receiver. Record the new code on both casings.

FIG 2 For example:- UK817654 is represented by:-

Code No.	U	K	8		7		6		5		4			
Address			A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0
IC Pin No.			13	12	11	10	8	7	6	5	4	3	2	1
Connection	0				X					X				
	NC					X		X			X		X	X
	5		X	X			X		X			X		

Note: For the dual channel; address lines A8 through A11 are not used

## ENCODING

The code contains two alpha and six numeric characters for the single channel and two alpha and four numeric for the dual channel. The two alpha characters represent the country code i.e. UK. Each number identifies the condition of two address lines as per the following table:-

Fig 1

CODE No	ADDRESS STATE	
	ODD	EVEN
0	0	0
1	0	NC
2	0	5
3	NC	0
4	NC	NC
5	NC	5
6	5	0
7	5	NC
8	5	5

0 = 0 Volts  
 NC = No Connection  
 5 = +5 Volts

FIG 3 - PT2262/PT2272 (Single)  
 Viewed from underside of chip  
 EXAMPLE:- CODE IS UK817654

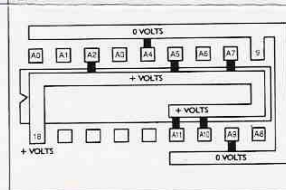
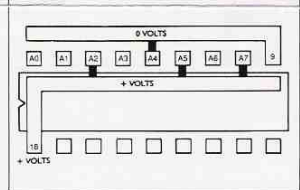


FIG 4 - PT2262/PT2272 -M4  
 Viewed from underside of chip  
 EXAMPLE:- CODE IS UK 7654



## RECEIVER CONNECTIONS

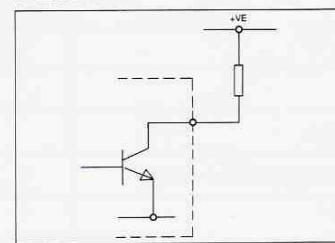
Each Receiver is supplied with two screws to secure the box to a suitable surface. There are five wires protruding from the dual channel and four wires from the single channel. The connections are as follows:-

- GREEN - ANTENNA - DO NOT SHORTEN
- BLACK - 0 VOLT CONNECTION
- RED - POSITIVE VOLTAGE CONNECTION (10 to 16V DC)
- BLUE - CHANNEL 2 (DUAL) AND SINGLE CHANNEL
- WHITE - CHANNEL 1 (DUAL CHANNEL ONLY)

The Channel wiring is an open collector transistor capable of supplying 500mA up to 16V DC.

## EXTERNAL DRIVE CIRCUITS

### 1. LOGIC OUTPUT



### 2. RELAY OUTPUT

