KPX/KPX-4F KEYPAD TRANSMITTERS
OPERATING INSTRUCTIONS

The following is a guide on how to use and match the KPX-4 (portable model) / KPX-4F (fixed model) keypad transmitters to any of A.T.A's receivers.

SELECTING A SECRET CODE (P.I.N.)

Using the digits '1' to '8' select 4 numbers to make up a secret code (p.i.n.).

HOW TO ENTER A P.I.N. INTO THE KPX-4/KPX-4F

Using the 'number' keys enter the p.i.n. if a mistake is made simply wait 3 seconds and the KPX-4/KPX-4F will give an error beep and clear the entered code from its memory.

HOW TO TRANSMIT

Within 3 seconds of entering the p.i.n. press one of the channel keys. This will initiate a transmission. After each transmission the KPX-4/KPX-4F holds the p.i.n. in it memory for 10 seconds to allow another channel key to be pressed to initiate another transmission (if required).

HOW TO MATCH THE YOUR P.I.N TO A DIPSWITCH CODED RECEIVER

1)   Using table 1 below find the first digit of your pin on the left of the table.
2)   Using the dipswitch setting shown on the right, set the receivers dipswitches 1, 2 and 3.
3)   Using the same procedure use tables 2, 3 and 4 and the 2nd, 3rd and 4th digits of your pin to set dipswitches 4 to 10.
4)   Use table 5 to set the receiver dipswitches 11 and 12 (or the additional dipswitches 1 and 2 of the second channel of a CRXA-2) for the desired 'channel' button which is to be pressed after entering your pin.

       Note the pin required for an existing receiver can be determined by reversing the above procedure

HOW TO MATCH THE YOUR P.I.N TO A "CODE SET" CODED RECEIVER

1)   Press and hold the receiver's CODE SET button.
2)   Enter your pin into the KPX-4 / KPX-4F and press the desired channel button to transmit.
3)   Pause for two seconds and then press the channel button again to transmit again.
4)   Release the receiver's CODE SET button and test operation by transmitting again.

       Note by repeating the above procedure with the same pin and channel button the code will be erased out of the receiver's memory. Also note that more than one code can be stored in a code set receiver

TABLE 1

1ST DIGIT	RECEIVER DIPSWITCH NUMBER AND POSITION		
OF P.I.N.	1	2	3
1	ON	ON	ON
2	ON	ON	OFF
3	ON	OFF	ON
4	ON	OFF	OFF
5	OFF	ON	ON
6	OFF	ON	OFF
7	OFF	OFF	ON
8	OFF	OFF	OFF

TABLE 2

2ND DIGIT	RECEIVER DIPSWITCH NUMBER AND POSITION		
OF P.I.N.	4	5	6
1	ON	ON	ON
2	ON	ON	OFF
3	ON	OFF	ON
4	ON	OFF	OFF
5	OFF	ON	ON
6	OFF	ON	OFF
7	OFF	OFF	ON
8	OFF	OFF	OFF

TABLE 3

3RD DIGIT	RECEIVER DIPSWITCH NUMBER AND POSITION		
OF P.I.N.	7	8	9
1	ON	ON	ON
2	ON	ON	OFF
3	ON	OFF	ON
4	ON	OFF	OFF
5	OFF	ON	ON
6	OFF	ON	OFF
7	OFF	OFF	ON
8	OFF	OFF	OFF

TABLE 4

4TH DIGIT	RECEIVER DIPSWITCH NUMBER AND POSITION
OF P.I.N.	10
1	ON
2	ON
3	ON
4	ON
5	OFF
6	OFF
7	OFF
8	OFF

TABLE 5

CH KEY	RECEIVER DIPSWITCH NUMBER AND POSITION			
	11	12	1	2 (2ND CHANNEL OF CRXA-2)
CH 1	OFF	OFF	OFF	OFF
CH 2	ON	ON	ON	ON
CH 3	OFF	ON	OFF	ON
CH 4	ON	OFF	ON	OFF

HOW TO BACK LIGHT THE KEYPAD FOR NIGHT USE

Press one of the channel keys before entering the pin number and the keypad will light up. This feature will automatically turn off a few seconds after the last key is pressed. This maximises battery life.

LOW BATTERY INDICATOR

When the keypad's battery level is getting low the keypad will produce an audible warning before each transmission.