



# SEA

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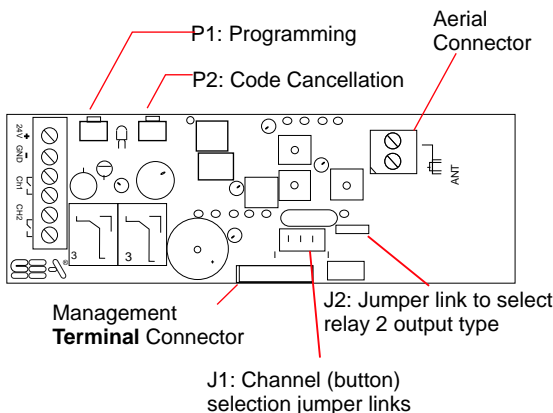
## QUARTZ Wire in Receiver



English

### SELF-LEARNING TWO-CHANNELS RECEIVER 250 USERS

Freq. 40.685 MHz (Cod. 23120065)



#### Technical Specifications

Voltage	:24 V ac/dc
Consumption	:30 mA Quiescent
Frequency	:40.685 Mhz quartz controlled
Frequency Stability	: ±30 ppm
Sensitivity	:better than 1µV
Band width	:±25KHz
No. of possible code differs in memory	:50/250
No. of channels	:2
Type of switching	:Both momentary or selectable latching of channel 2 (N.O.)
Relay contact rating	:0.5 @ 24V ac/dc 50W max @ 110V ac
Signalling	:Red Led and buzzer
Operating temperature range	: -15 / +55 °c
Storage temperature	: -40 / +85 °c

Fig. 1: Programming push buttons, Jumper links for dedicating transmitter channels to relay outputs, and of relay output (relay 2).

#### Programming a deleting the codes

By using push buttons P1 and P2 it is possible to insert or delete code into and from the receivers memory

#### Programming procedure

- \* Power-up the receiver.
- \* Press button P1; the red led will illuminate and the buzzer will sound continually signalling the programming procedure is in progress
- \* Send the first coded radio transmission by pressing transmitter button. (It is not necessary to open the transmitter casings when encoding new transmitters.)
- \* The code will be inserted into the RX. memory . The RX will confirm the acceptance of a new code into the memory by four rapid tones/flashes of the buzzer and led. When this stage is finished the led will be continuously illuminated and the buzzer will emit a continuous tone, signalling the readiness to accept the next transmitter code.

**PLEASE NOTE:** Pressing button P1 initiates a 10 second programming phase. If the first coding transmission is not given within this 10 second period the programming phase will cease. Press P1 to re-start.

#### Total cancellation of all memorised

- \* Press button P2 - the led will start steadily flashing and the buzzer will intermittently sound. Press the P2 button again within 6 seconds to cancel codes - the led and buzzer will then emit a rapid signal



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#### Programming the type of output that relay 2 provides

Relay 2 can be programmed to provide either a momentary or latching output by jumper link J2. Position the link to give the required relay output

 Momentary output

 Latching output

#### Memory Management

The receivers internal memory list can be optically viewed by connecting and using the management **Terminal**. The list will show the number of codes entered, allow the cancellation or insertion of a single code or the cancellation of all the codes, via the viewer.

Connect the **Terminal** unit onto the connector block designated for this purpose (fig 1.) and operate as described in instructions supplied with the unit.

#### Channel Selection

By configuring the 4 no. jumper links determines which Single Channel RX is activated by the buttons of a four channel transmitter. On a four channel TX, buttons 1 or 3 can be programmed to operate relay 1. Buttons 2 or 4 can be programmed to operate relay 2.



Relay 1 activated by the first button of the transmitter



Relay 1 activated by the third button of the transmitter



Relay 2 activated by the second button on the transmitter



Relay 2 activated by the fourth button of the transmitter

Fig. 2: Terminal Layout

