

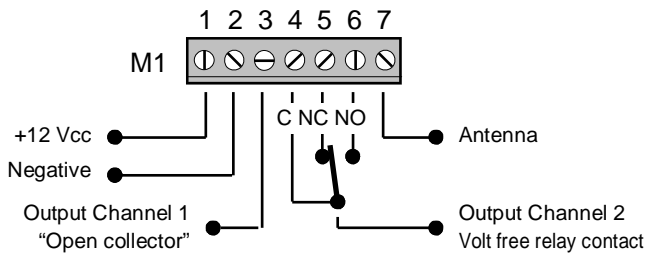


RX-2C instructions

1.0. DESCRIPTION

The **RX-2C** is a two channel, self learning receiver which memorizes a maximum of 20 "Pegaso" codes, sent from keychain transmitters or sensors. It has a volt free relay contact and an "Open collector" output, both selectable with impulse or ON/OFF functions.

2.0. CONNECTIONS



3.0. SELF-LEARNING OF CODES

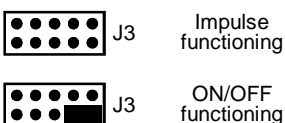
- 1) Remove the cover by removing the plug and screws found underneath.
- 2) Power up the receiver. The 2 red LEDs **L1** and **L2** will light up for one second and then go off.
- 3) Press button "**P1**". The 2 LEDs will light.
- 4) Transmit using the keychain transmitter (by pressing any one of the buttons) or using a sensor. The 2 LEDs will flash together 1 time, after which they will then remain lit. This confirms that the code sent by the keychain transmitter or sensor has been memorized.
- 5) To memorize other codes (up to a maximum of 20) repeat (4) above.
- 6) After having learned 20 codes, the 2 LEDs flash quickly for about 3 seconds to signal that the memory is full, after which time they will remain lit.
- 7) To exit the self-learning of codes, press button "**P2**". The 2 LEDs will go OFF.
- 8) To cancel memorized codes press buttons "**P1**" and "**P2**" at the same time. The 2 LEDs will flash alternately for about 10 seconds after which time they will go OFF.
- 9) To re-enter the programming mode, press button "**P1**" again.

4.0. SELECTION OF OUTPUT FUNCTIONING

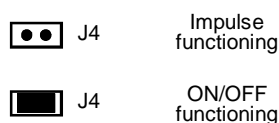
The **RX-2C** is supplied with both outputs functioning momentary. Activation time 2 seconds.

To select the ON/OFF functioning of each of the outputs ("Relay" and "Open collector") insert bridges in the connector **J3** and **J4** as follows:

CHANNEL 1 (Open collector)

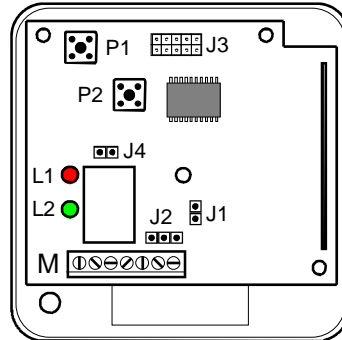


CHANNEL 2 (Relay output)



The **L1** LED refer to Channel 1 (Open collector), while the **L2** LED refer to Channel 2 (Relay output). For both the following is valid:

- Impulse functioning → LED flashes
- ON/OFF functioning → LED is light



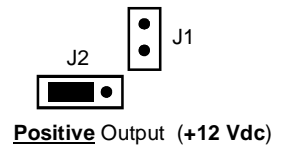
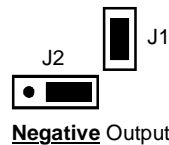
"**J1**" and "**J2**" are used to select the Channel 1 output (open collector) as a positive or negative output (see § 5.0.)

"**J3**" and "**J4**" are used to select the functioning (impulse or ON/OFF) of each of the two outputs (see § 4.0.)

Fig. 1

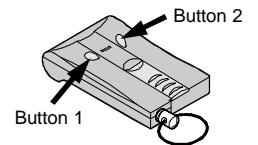
5.0. SELECTION OF CHANNEL 1 OUTPUT FUNCTIONING (Open collector)

By bridging connectors "**J1**" and "**J2**" as shown below, the "Open collector" output (Channel 1) can be negative or positive.



6.0. FUNCTIONING

- 1) By pressing "**Button 1**" of the keychain transmitter, the LED **L1** and the Channel 1 output (Open collector) will activate. The LED and the output will remain active according to the functioning that has been selected (impulse or ON/OFF).
- 2) If the ON/OFF functioning has been selected, by pressing "**Button 1**" of the keychain transmitter, the LED **L1** and the Channel 1 output will deactivate.
- 3) By pressing however "**Button 2**" of the keychain transmitter, the LED **L2** will light and the Channel 2 output (Relay output) will be activated. The output and the LED remain active according to the functioning that has been selected (impulse or ON/OFF).
- 4) If the ON/OFF functioning has been selected, by pressing "**Button 2**" of the keychain transmitter, the LED **L2** and the Channel 2 output will deactivate.
- 5) With regard to the **sensors**, when an alarm is transmitted LED **L2** will light and the Channel 2 output will activate (relay output). The output and the LED remain active according to which functioning has been selected (impulse or ON/OFF).



7.0. TECHNICAL CHARACTERISTICS

- Power: 12 Vdc
- Working frequency: 433.92 MHz
- Output "Open collector": I_{max} 100 mA
- Volt free relay contacts: I_{max} 1 A
- SMD technology
- Dimensions: 76x76x19 mm
- Weight: 50 g

