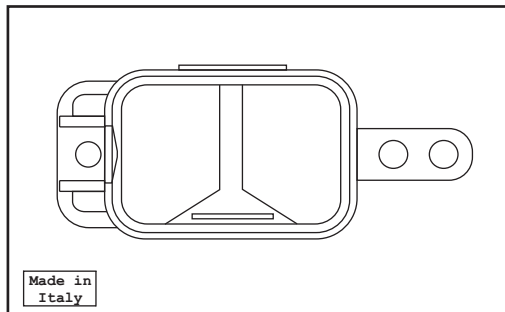


ERONE GARAGE DOOR RECEIVER

Use and installation manual



Thank you for choosing this product .
You are recommended to read this manual carefully before installing this product.

1 - INTRODUCTION

The Erone Garage Door Receiver SEL2641R433-GDR is single conversion superheterodyne receiver operating at 433,92 MHz in AM/ASK modulation.

It is designed for automatic closing systems and anti-burglar systems.

The antenna is direct connected with 6,5" wire .

The relay K1 available output is only with NO type contact

The operating mode of K1 is Pulse and or Latch (see below for its configuration).

The power supply is 12/24Vac/dc with selection jumper

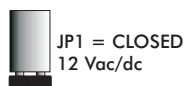
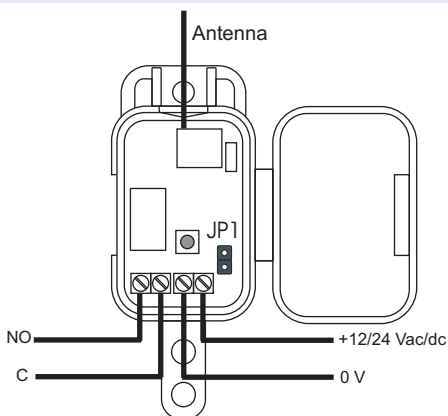
The IP grade of 2X allows only indoor installations.

The product fully complies with the EMC European Regulations (CE) and the FCC Part 15 Regulations.

2 - TECHNICAL SPECIFICATIONS

Receiver type	Superheterodyne
Carrier Frequency	433.92 MHz
Local oscillation frequency	6.6128 MHz
Demodulation	AM/ASK
Local oscillator type	VCO / PLL
Channel width	> 25 KHz
Intermediate frequency	10.7 MHz
Input sensitivity	-105 dBm
Spurious emissions	< -57 dBm
Input load	50 Ohm
Operating voltage	12/24 Vac/dc
Max power on relay contacts	24 VA
Relay number	1
Operating modes	Pulse / Latch
Max activation delay	300 mS
Memory	85 TX
Security protocol	Keeloq Hopping code
Code combinations	2 ⁶⁴
Operating temperature	-20°/+70°C
Enclosure IP grade	IP2X
Dimensions (main box)	40 x 22 x 56 mm



3 - WIRINGS & POWER SELECTION



REMARK : The supply must be provided from a certified power supply according to Safety Regulations and coming from a SELV circuit protected against short-circuit.

4 - OPERATING MODES

The operating mode can be Pulse or Latch according the following diagram.

-  **LD STEADY ON : PULSE Mode**
-  **LD BLINKING : LATCH Mode**

LD gives the operating mode. To display the current operating mode push P1 for 4 sec

5 - OPERATING MODE SETTING

Procedure

1) Press and hold the push-button P1 for 4 sec. until the green led LD comes ON (Fig. 3); the led display the current operating mode according to par. 4.

To modify push again P1 and release it within 1 sec.: once released P1:

- from steady ON it will begin to blink (Latch mode);
- from blinking it will come steady ON (Pulse mode).

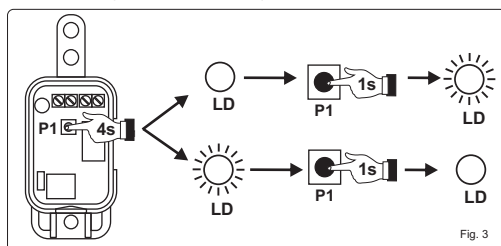
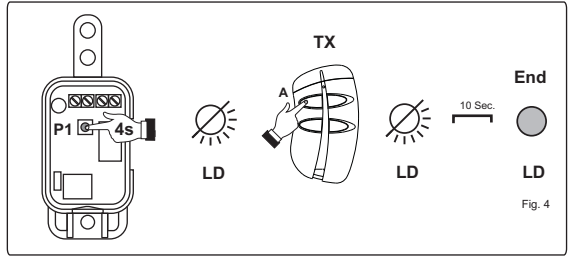


Fig. 3

6 - PROGRAMMING TRANSMITTER AND RECEIVER

Procedure

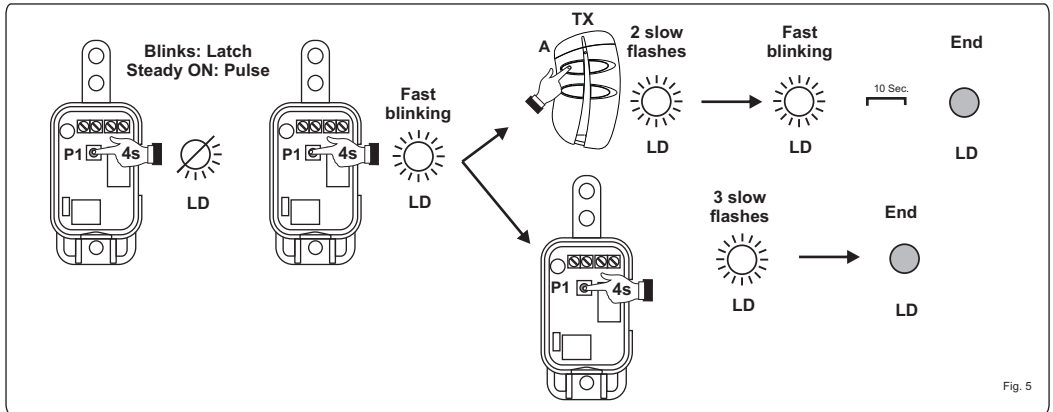
- 1) Press and hold the push-button P1 for 4 sec. until the green led LD comes ON (Fig. 4); the led display the current operating mode according to par. 4.
- 2) Press the transmitter button down : LD switches OFF and ON again, waiting for another tx to memorize;
- 3) If within 10 sec. no more transmitters are activated, LD switches OFF and the procedure is over.



7 - MEMORY FULL

If the memory is full when you try to memorize one more transmitter LD flashes 3 times and the procedure ends.

8 - ERASING TRANSMITTERS FROM THE MEMORY



Procedure

- 1) Press and hold the push-button P1 for 4 sec. until the green led LD comes ON (Fig. 5); the led display the current operating mode according to par. 4.
 - 2) Press and hold P1 for more 4 sec. : LD begins to blink fast.
- At this point you can do 2 different operations:

A) DELETE THE SINGLE TRANSMITTER

Press the button down of the transmitter to delete. LD flashes twice slow and then begins again to blink fast for more tx to delete. If within 10 sec. no more transmitters are activated, LD switches OFF and the procedure is over.

B) ERASE ALL THE MEMORY

Press and hold P1 for more 4 sec. : LD makes 3 slow flashes then switches off and the procedure ends.

Guarantee

Guarantee period: 24 months from the productions date placed inside.

In this period if the appliance has any malfunction due to a defective component, it will be repaired or replaced by the manufacturer. The warranty doesn't cover the plastic box.

The assistance will be performed at the manufacturer site.



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