2-Relay Wireless Receiver
SEL2641R433-I

Instruction Manual

RECEIVER INTRODUCTION

The 2-relay stand-alone wireless receiver SEL2641R433-I is a superheterodyne single conversion receiver with integrated rolling-code decoding. The receiver can control devices like; gate, garage door, rolling shutters, awnings, anti-burglar appliances, lighting, etc.

SPECIFICATIONS

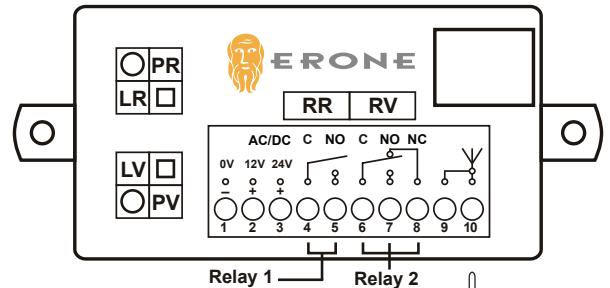|	
Memorization:	Up to 85 transmitter keys
Outputs:	2 (1NO, 1NO or NC), pulse
Operating frequency:	433 MHz
Power supply :	12 or 24 Vac/dc
Current consumption:	25 mA (relay excited: 55 mA)
Operating temperature:	-20 to +70 °C
Dimensions:	105 x 45 x 28 mm
Weight:	65 g

⚠️ IMPORTANT

Receiver location is crucial for optimal system performance. Place the receiver far from interference sources such as magnetic fields or radio emissions (neon ballasts, electric motors, etc.). Ensure quality signal reception by doing range tests before permanently mounting the receiver.

WARRANTY

The warranty period for this product is 24 months, beginning from the manufacturer date. During this period, if the product does not work correctly, due to a defective component, the product will be repaired or substituted at our discretion. The guarantee does not cover the plastic container integrity. After-sale service is supplied at the factory.

TERMINAL CONNECTIONS

LR: Red LED (RR: Relay 1)
LV: Green LED (RV: Relay 2)
PR: Push button for relay 1
PV: Push button for relay 2
1: 0V (GND)
2: 12 Vac/dc power supply
3: 24 Vac/dc power supply
4: Common relay 1 (RR)
5: N.O. relay 1 (RR)
6: Common relay 2 (RV)
7: N.O. relay 2 (RV)
8: N.C. relay 2(RV)
9: Antenna Shield
   (used for SEA433 tuned antenna)
10: Antenna Core

Supplied Antenna

COMPATIBLE TRANSMITTERS

2-Channel Transmitters
S2TR2641E2

4-Channel Transmitters
S2TR2641E4

2-Channel Mini Transmitters
Red: SETR2641AM2R
Blue: SETR2641AM2B
Burgundy: SETR2641AM2C
Dark Gray: SETR2641AM2N

2-Channel Ultra-Thin Transmitters
S5TR2641E2S

4-Channel Ultra-Thin Transmitters
S5TR2641E4S

Available with optional built-in proximity badge

TRANSMITTER MEMORIZATION

To activate Relay 1 (RR)

1) Press **PR** until **LR** LED turns ON, then release **PR**

2) Press the key of the transmitter you want to memorize. **LR** LED will turn off and relay 1 **(RR)** will activate for a while.

3) Press the key of the transmitter again to verify relay 1 **(RR)** activation, **LR** LED will turn ON and **LV** LED will flash.

   At each activation, and for all the transmission time, **LR** LED will turn on , **LV** LED will flash and relay 1 **(RR)** remains activated.

To activate Relay 2 (RV)

1) Press **PV** until **LV** LED turns ON, then release **PV**

2) Press the key of the transmitter you want to memorize. **LV** LED will turn off and the relay 2 **(RV)** will activate for a while.

3) Press the key of the transmitter again to verify relay 2 activation, **LR** LED will turn ON and **LV** LED will flash.

   At each activation, and for all the transmission time, **LV** LED will turn on , **LR** LED will flash and relay 2 **(RV)** remains activated.

NOTE : The memory capacity is up to 85 transmitter keys. A 4 keys transmitter needs 4 memory positions, if all 4 buttons are used. The receiver memory is full when, at the end of step 2 of transmitter memorization, **LV** and **LR** LED flash 3 times.

TRANSMITTER CODE OVERWRITE

NOTE : Before starting, obtain the memory position and relay activation (1 or 2) of the transmitter key you wish to overwrite.

1) Press down **PR** or **PV** for 4 sec. until the corresponding LED remains lit, then release it.

2) Within 2 sec., press down **PV** for 1 sec (LED will turn off)

3) Within 2 sec., start to enter the memory position sequence by using **PR** (red LED) and **PV** (green LED). See memory position table.

4) At the end of the sequence **LV** or **LR** LED will turn on.

5) Within 4 sec., press the key of the new transmitter you wish to memorized.

MEMORY POSITION

1) Press transmitter key to verify if its associated to the receiver. **LR** or **LV** will turn ON and the associated relay will activate.

2) Press and hold **PR** for 1 sec. and then release it. A sequence of 7 flashes of the LEDs (**LR** and **LV**) starts. Note the LED color sequence. Refer to the following table to decode the sequence.

Flash sequence	1	2	3	4	5	6	7
LV (green LED)	1	2	4	8	16	32	64
LR (red LED)	0	0	0	0	0	0	0

LR=0 all the time.

Add the value of **LV** (where it flashes in the sequence) to obtain the memory position. See example below.

Example 1:

Flash sequence	1	2	3	4	5	6	7
LV (green LED)	-	-	Flash	Flash	-	-	-
LR (red LED)	Flash	Flash	-	-	Flash	Flash	Flash
Sequence Value	0	0	4	8	0	0	0

Memory position= 0 + 0 + 4 + 8 + 0 + 0 + 0= 12

The transmitter key is located at memory position #12.

ENROLLED TRANSMITTER KEYS

1) Press down **PV** for 1 sec. **LR** and **LV** LED starts a sequence of 7 flashes. Note the color sequence and refer to the above table to obtain the number of enrolled transmitter keys.

MEMORY RESET (FACTORY DEFAULT)

1) Press **PR** until **LR** LED turns on.

2) Release **PR** and within 1 sec. press **PR** and **PV** simultaneously until **LR** and **LV** LED starts to flash 3 times (about 4 sec.)

At this point all settings are erased and the receiver is reset to factory default.

FACILITY CODE AND SERIAL NUMBER LOCATION

Facility code (FC)= 001 ◄──► Serial Number (SN)= 28886

CDVI

Relay 1 (Red LED):_____

Relay 2 (Green LED):_____

#	FC Code	Serial #	Key Button				Relay		User Name
1			A☐	B☐	C☐	D☐	1☐	2☐	
2			A☐	B☐	C☐	D☐	1☐	2☐	
3			A☐	B☐	C☐	D☐	1☐	2☐	
4			A☐	B☐	C☐	D☐	1☐	2☐	
5			A☐	B☐	C☐	D☐	1☐	2☐	
6			A☐	B☐	C☐	D☐	1☐	2☐	
7			A☐	B☐	C☐	D☐	1☐	2☐	
8			A☐	B☐	C☐	D☐	1☐	2☐	
9			A☐	B☐	C☐	D☐	1☐	2☐	
10			A☐	B☐	C☐	D☐	1☐	2☐	
11			A☐	B☐	C☐	D☐	1☐	2☐	
12			A☐	B☐	C☐	D☐	1☐	2☐	
13			A☐	B☐	C☐	D☐	1☐	2☐	
14			A☐	B☐	C☐	D☐	1☐	2☐	
15			A☐	B☐	C☐	D☐	1☐	2☐	
16			A☐	B☐	C☐	D☐	1☐	2☐	
17			A☐	B☐	C☐	D☐	1☐	2☐	
18			A☐	B☐	C☐	D☐	1☐	2☐	
19			A☐	B☐	C☐	D☐	1☐	2☐	
20			A☐	B☐	C☐	D☐	1☐	2☐	
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40			A☐	B☐	C☐	D☐	1☐	2☐	
41			A☐	B☐	C☐	D☐	1☐	2☐	

#	FC Code	Serial #	Key Button				Relay		User Name
43			A☐	B☐	C☐	D☐	1☐	2☐	
44			A☐	B☐	C☐	D☐	1☐	2☐	
45			A☐	B☐	C☐	D☐	1☐	2☐	
46			A☐	B☐	C☐	D☐	1☐	2☐	
47			A☐	B☐	C☐	D☐	1☐	2☐	
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72			A☐	B☐	C☐	D☐	1☐	2☐	
73			A☐	B☐	C☐	D☐	1☐	2☐	
74			A☐	B☐	C☐	D☐	1☐	2☐	
75			A☐	B☐	C☐	D☐	1☐	2☐	
76			A☐	B☐	C☐	D☐	1☐	2☐	
77			A☐	B☐	C☐	D☐	1☐	2☐	
78			A☐	B☐	C☐	D☐	1☐	2☐	
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84			A☐	B☐	C☐	D☐	1☐	2☐	
85			A☐	B☐	C☐	D☐	1☐	2☐	

HOW TO ORDER REPAIR PARTS

DEVANCO CANADA

19192 HAY ROAD, UNIT Q
SUMMERSTOWN, ON K0C 2E0

TOLL FREE: 855-931-3334

www.devancocanada.com

**WHEN ORDERING REPAIR PARTS
PLEASE SUPPLY THE
FOLLOWING INFORMATION:**

✓ **PART NUMBER**
✓ **DESCRIPTION**
✓ **MODEL NUMBER**