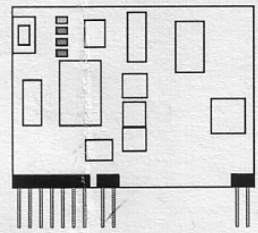
SEL2641R433-PP4



NOTICE INSTRUCTIONS

CE

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

SUMMARY

1 - INTRODUCTION

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1A - Main features

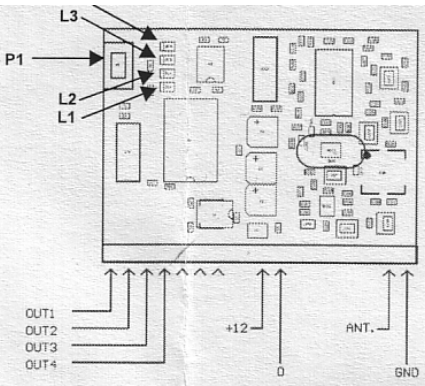
This receiver mod. SEL2641 R433-PP4 is a card receiver with 4 push-pull outputs. It has a very high security coding system (KeeLoq ® Hopping code).The operating frequency is among the European harmonised frequencies; the code sent by the transmitter changes at every activation, avoiding any scanning and copying risk.
A special algorithm allows to keep synchronyzed transmitter and receiver. The receiver has a special pin-out so it can be connected only to compatible appliances.
The appliance full complies with the European Regulations 89/336/EEC, 73/23/EEC and EN 60336-1.

COMPATIBLE TRANSMITTERS

- *Type S2TR2641E2: 2 key transmitter*
- *Type S2TR2641E4: 4 key transmitter*
- *Type SETR2641AM2: 2 key mini transmitter*

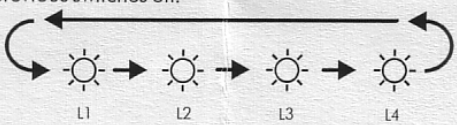
1B - Technical specifications

Receiver type	Superheterodyne
Carrier frequency	433,92 MHz
Local oscillator frequency	6,6128 MHz
Demodulation	AM/ASK
Local Oscillator	VCO / PLL
Channel width	> 25 KHz
Intermediate frequency	10.7 MHz
Input sensitivity	-115 dBm
Local oscillator spurious emissions	< -57 dBm
Input load:	50 Ohm
Power supply:	12 Vdc
Consumption:	11 mA
Outputs	4
Output type	Push-pull
Max sink current on 4 outputs	25 mA
Max source current on 4 outputs	25 mA
Max sink/source current on 1 output	125 mA
Memory capacity	85 user codesTX
Security code	Rolling code
Max code combination number	2^{64}
Operating temperature	-20°/+80°C
Weight	gr. 9
Overall dimensions (mm)	44 x 42 x 8



2 - TRANSMITTER MEMORIZATION

The receiver makes the memorization of the transmitters buttons in sequential way, by using the button P1
Each operation is confirmed by the leds L1, L2, L3, L4.
The led activation is cyclic: at each activation of P1 a led switches on and the previous switches off.



Keep the button **P1** pressed down until the red led **L1** switches on , release **P1** and push the key "A" of the transmitter ; after push again **P1**, the second red led **L2** switches on , release **P1** and push the key "B" of the transmitter. After a while both the led will switch off and the procedure will be finished.
In this way the keys "A" and "B" of the transmitter activate the outputs OUT1 and OUT2 of the receiver.
The procedure to follow for the keys "C" and "D" is the same as above.
For the memorization of the "C" key on **K3** push **P1** 3 times, and for

to memorize, without leaving the corresponding led to switch off.

3 - SINGLE TRANSMITTER CANCELLATION

Select the right output to which the transmitter was connected by pushing P1, as indicated in the previous paragraph. Then push the key of the transmitter to cancel : L3 and L4 will blink twice to confirm.
Repeat the same procedure for all the transmitter keys to cancel.

4 - COMPLETE MEMORY ERASURE

Keep the button **P1** pressed down until the first red led **L1** switches on, release it, push it again and keep it pushed down until 3 blinks of the red led **L3** and green led **L4** occur.
In this way the memory is completely cancelled.

5 - MEMORY FULL

In case of memory full, that means **85** transmitters are already stored, if one try to store an extra transmitter, a sequence of 3 blinks of **L3** and **L4** occurs and the operation fails.

GUARANTEE

The guarantee period of this products 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 the discretion of the producer. The guarantee does not cover the plastic container integrity. After-sale service is supplied at the producer's factory.