Déclic.
TÉLÉCOMMANDE

DOCUMENTATION TECHNIQUE

Récepteur CDVI SEL2641R433RM

Retrouvez les instructions, schémas et réglages de votre équipement dans les pages suivantes.

Avant toute manipulation

Vérifiez la référence exacte de votre appareil. Les instructions techniques et les avertissements du fabricant restent prioritaires. En cas de doute ou pour une intervention électrique, faites appel à un professionnel qualifié.

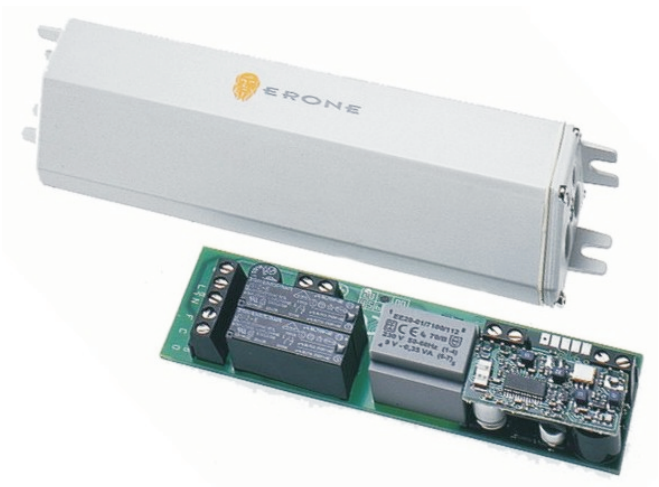
Une question sur votre référence ?

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Les marques et références des fabricants sont conservées dans la notice.

ERONE - RADIO PROGRAMMER FOR ROLLING SHUTTERS AND AWNINGS

MANUAL INSTALLATION



CE

SEL 2641 R433-RM

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

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1- DESCRIPTION

The radio programmer Erone type SEL2641R433-RM is designed for the control of asyncronous 230V max 400W tubolar motors for rolling shutters and awnings. The appliance can operate both with the transmitter Erone mod. S2TR2641E2/E4, and with the wall transmitter mod. Erone SETR2641-TM.
The operating frequency is 433.92 Mhz. The "rolling code" coding system allows to get an high security level and a complete inviolability of the transmission between transmitter and receiver. In fact, the code emitted by the transmitter changes at every activation avoiding, in this way, any risk of copy and scanning.
Hereby, CDVI Wireless Spa, declares that the radio equipment type SEL2641R433-RM is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.erone.com.

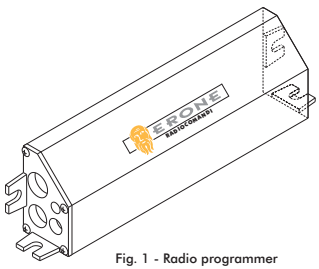
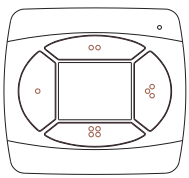


Fig. 1 - Radio programmer


Fig. 2 - Wall transmitter

2 - TECHNICAL SPECIFICATIONS

Radio programmer SEL2641R433-RM	Receiver's type	Superetherodyne
	Operating frequency	433.92 MHz
	Modulation	AM/ASK
	Input load	50 Ohm
	channel width	> 25 KHz
	Intermediate frequency	10,7 MHz
	Sensitivity	-113 dBm
	Local oscillator emission	< -57 dBm
	Power supply	230 Vac / 50 Hz
	Consumption at rest	2mA
	Motor max power	400 W
	Max number of storable codes	85
	Max time out	180 sec.
	Operating temperature	-20°/+70°C
	Container	Bayblend
	Housing protection	IP54
	Weight	105 gr.
	Dimensions	25 x 41 x 154mm
TX SETR2641TM	Operating frequency	433.92 MHz
	E.r.p.	100 uW
	Modulation	AM/ASK
	Code's combinations	2^{64}
	Power supply	2 x 3V CR2025 lithium batteries
	Consumption	8,4 mA
	Batteries max during	2 years
	Weight	47 gr.
	Dimensions	80 x 74 x 16 mm

This appliance has the CLASS II Classification (⧈) as concerns the protection against the electric shock , as indicated by the European Standard EN 60335-1: Sept 1994 : "Safety of household and similar electrical appliances, Part 1 : General Requirements ".

3 - FUNCTIONALITY

3.1 OPERATING MODES

- Sequential mode
  Opening, stop, and closing can be done by using the same button of the transmitter.
  For the configuration on the receiver see chapter 5 of this manual. In the sequential mode, it is possible to drive 4 rolling shutters with the same radio command.

- Separated commands mode
  In this mode for each function it is used a different button, so are used 3 of the 4 buttons of the transmitter.

3.2 TYPE OF COMMAND

- Single command
  A transmitter drives a single tubular motor.

- Multiple command
  Different transmitters command the same receiver. Are possible up to 85 radio commands, each of which operate in a sequential mode, and up to 42 radio commands that operate with separated commands. It is, also, possible the combination of single and multiple modes.

- General or group command
  A transmitter drives many receivers. It is enough to memorise the transmitter into many receivers. In this case, it is advisable, to use the separated command mode.

4 - INSTALLATION

4.1 ALLOCATION

The choice of the site, for the radio programmer is very important for the best result of your system.The following notes should to be followed:

- Place the device far from all the possible interference sources, information systems, alarm systems, radio emissions.
- The distance between 2 radio programmers has to be greater than 1,5 mt.

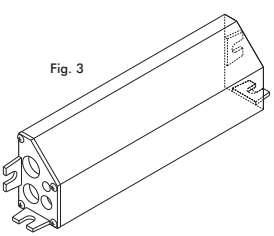


Fig. 3

4.2 FIXING

Fix the container using the supports with the appropriate screws depending upon the nature of the support.
In case of installations inside the rolling shutter box, make the connections before positioning.

4.3 CONNECTIONS

Connect the appliance to the supply by means a device having a contact separation of at least 3 mm in all poles.
Before any connection be sure that the power is interrupted.
Pass the cables through the holes of the box cover and the gasket (in case of hermetical closing).

Connect the cables to the correspondent terminal blocks according to the following table:

Power supply 230 Vac	
Clamp 1	Phase Input
Clamp 2	Neutral Input
Clamp 7	Earth Input
Asyncronous tubolar motor	
Clamp 3	Closing Output
Clamp 4	Common Output
Clamp 5	Opening Output
Clamp 6	Earth Output

Anemometer (not polarised)	
Clamp 8	Input 1
Clamp 9	Input 2
Aerial	
Clamp 10	Wire Input
Clamp 11	Shield Input

Recommended cables section

Power cable:	3 x 1 mm^2	Anemometer cable :	2 x 0.75 mm^2
Tubolar motor cable:	4 x 1mm^2	Aerial (optional):	RG58

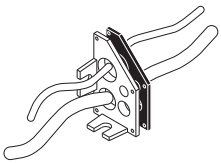


Fig. 4

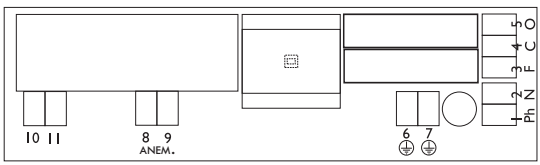


Fig. 5

4.4 ADVISABLE PROCEDURE

Once completed the fixing of the mechanics (rolling shutter or awning) identify the connections of the motor that has to unroll the awning or the rolling shutter.
The net C of the motor will be connected to the clamp 4 (common); the net that makes the unroll of the awning has to be connected to the clamp 3 (closing).
The last motor cable has to be connected to the clamp 5 (opening).

In this way it is created the following correspondance:

KEY B: unroll of the awning or opening rolling shutter
KEY D: roll of the awning or closing rolling shutter

By means of this procedure the anemometer is always connected to the key B and operates always the unroll of the awning.

Attention:
If you don't respect the last indication, (only in case of awning), there is the risk of an intervention of the anemometer when the awning is completely closed.

5 - PROGRAMMING

5.1 SYMBOLOGY

The installation phases are shown by using the following symbology:

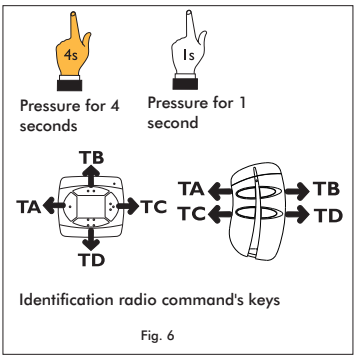


Fig. 6

Bip	Short bip of the buzzer
Biiiip	Medium bip of the buzzer
Biiiiiiiiiiiiiip	Long bip of the buzzer
Bip - Bip - Bip	Sequence of 3 short bips
Bip - Bip - ..... - Bip	Repeated bip of the buzzer
C4 =	Push key C for 4 seconds
(A+B)4 =	Push at the same time the keys A and B for 4 seconds
A1 =	Push key A for 1 second
(1)C4 =	Push key C of transmitter N°1 for 4 seconds

It is advisable to fix the transmitters to the wall after the programmation, because during this phase, the sensitivity of the receiver is reduced and the range of the transmitter as well.

5.2 TRANSMITTER MEMORISATION

During the first installation it is necessary to power just one receiver at a time in order to avoid multiple memorisations of the same transmitter into different receivers.

Memorisation of first transmitter (N°1) on a receiver

<u>Sequential mode:</u>

(A+B)4 [Bip], A4 [Biiiiiiiiiiiiiip] , A1*, or B1*, or C1*, or D1*.

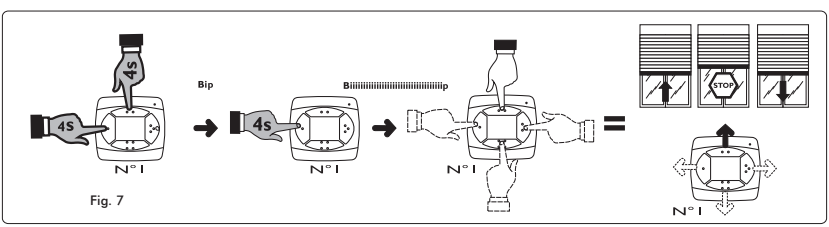


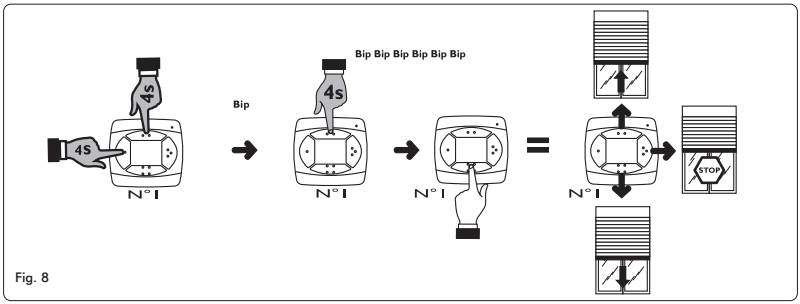
Fig. 7

(*) Push the transmitter key before the end of the sound

"Separated commands" mode:

(A+B)4 [Bip] - B4 [Bip -Bip - ..... - Bip] , D1*.

IThe first transmitter is indispensable for the memorisation of further radio commands.

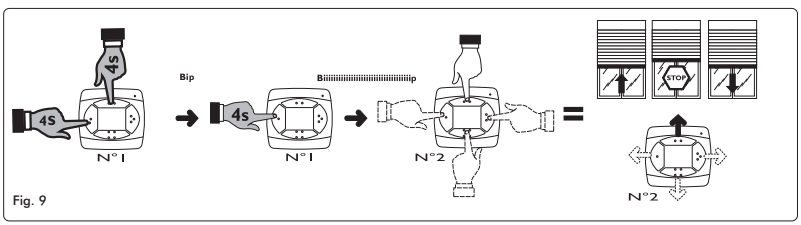


It is highly advisable to memorise at least 2 transmitters in each receiver, to prevent a transmitter fealure.

Memorisation of further transmitter (Es.N°2) on the same receiver

Sequential mode:

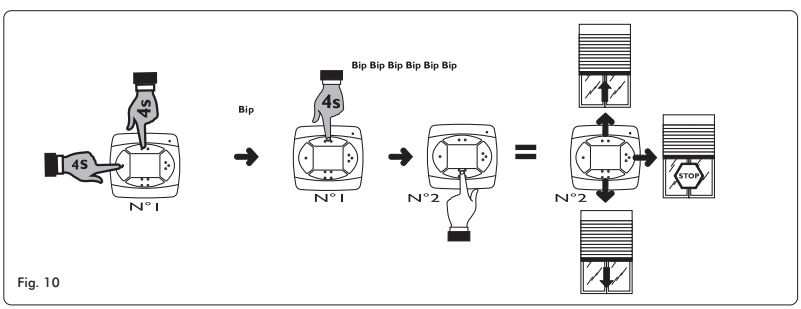
(1)(A+B)4 [Bip] - (1)A4 [Biiiiiiiiiiiiip] , (2)A1*, or (2)B1*, or (2)C1*, or (2)D1*.



Memorisation of further transmitter (Es. N°2) on the same receiver.

"Separated commands" mode:

(1)(A+B)4 [Bip] - (1)B4 [Bip -Bip - ..... - Bip] , (2)D1*.



(*) Push the transmitter key before the end of the sound

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5.4 MEMORY ERASE

5.4.1Using the radio control

(A+B)4 - [Bip] A4 [Biiiiiiiiiiiiiiiiip] - (A+B)4* [Biiiip],[Biiiip],[Biiiip].

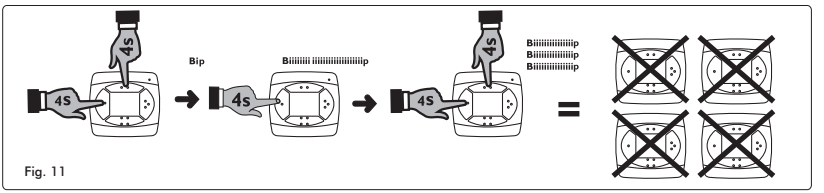


Fig. 11

(*) Push the transmitter keys before the end of the sound

5.4.2 -Using the reset push - button

Make a pressure on the button of the plastic box of the radio programmer up to the biiiiiiiiiip of the buzzer. In this way the reset push button present on the bottom side of the electronic card is activated. Afterword release and within 2 seconds push again the button of the box up to listen 3 long biiiiips of the buzzer which give the cancelling confirmation.

ATTENTION: DO THIS OPERATION WITHOUT SLIDING OUT THE ELECTRONIC CARD FROM THE BOX !!.OPERATE EXCLUSIVELY FROM OUTSIDE !.

5.5 TIME OUT SETTING

The time out setting allows to stop the motor in case of failure of the limit switches.
This operation has to be done by using the transmitter according the following sequence:

(A+B)4 [Bip], D4 [Biiip - Biiip - Biiip - Biiip] and following:
A1 [Biiip] : for time-out of 40 Sec.
B1 [Biiip, Biiip] : for time-out of 90 Sec. (default value)
C1 [Biiip, Biiip, Biiip] : for time-out of 180 Sec.

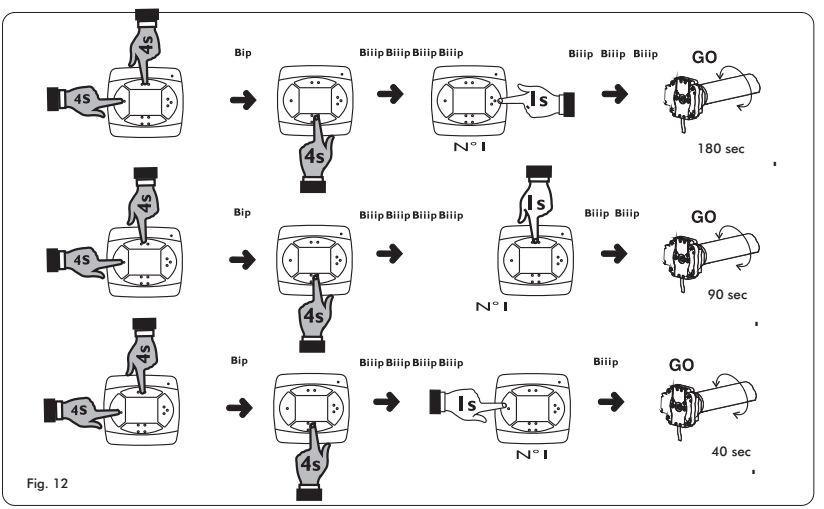


Fig. 12

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5.6 ANEMOMETER INTERVENTION SPEED SETTING

It is possible to set the speed of the wind at which the awning automatically closes. The default value is 20 Km/h. The operation can be done only with a transmitter already memorised.

(A+B)4 [Bip], C4 [Bip - Bip - Bip] and following:
A1 [Bip] : for 20 Km/h (default value)
B1 [Bip, Bip] : for 30 Km/h
C1 [Bip, Bip, Bip] : for 40 Km/h
D1 [Bip, Bip, Bip, Bip] : for 50 Km/h or more.

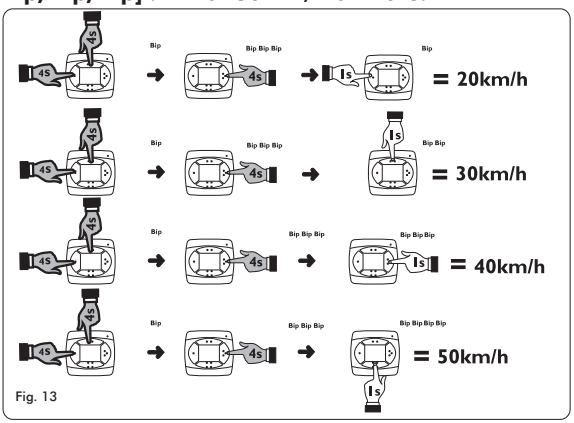


Fig. 13

5.7 TEST ANEMOMETER

It allows to verify the correctness of the connection with the anemometer without having to simulate the intervention of the wind.

(A+B)4 [Bip], D4 [Biiip - Biiip - Biiip, Biiip], D1 [Biiip, Biiip, Biiip, Biiip]

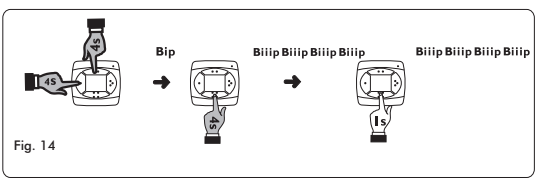


Fig. 14

To this point, making to manually turn the shovels of the anemometer, some beeps of confirmation are emitted by the buzzer. The exit from the phase of test anemometer effects with a pressure of the keys A., B or D

The guarantee period of all Erone products is 24 months, beginning from the manufacture 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.

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IS-RSVERLIK Rev. 7 del 13.06.2017