

RCS - 433LS

Stand alone



GETTING
STARTED

RCS

**RCS-433LS2
RCS-433LS4**

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

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- 1A - General information
- 1B - Technical specifications
- 1C - Main features

2 - CODING

3 - MEMORIZATION

4 - BATTERY ACCESS

5 - TROUBLESHOOTING

1A - General information

The radiocontrol RCS-433LS has been designed for the control of automatic closing systems and anti-burglar systems thanks to its very high security coding system. (KeeLoq® Hopping code). The code sent by the transmitter changes at each activation, avoiding any scanning and copying risk.

A special algorithm allows to keep synchronised transmitter and receiver.

The operating frequency is 433,92 MHz.

The receiver which makes the activation, once received the transmitter code, has to be connected during the installation to the device to control

(gate, garage door, rolling shutters, sun-blinds, anti-burglar appliances, lighting). All the receivers of the range RCS-433S can store into the EEPROM a serial number, a manufacturer key and a synchronism algorithm of more transmitters.

Each transmitter (or its different keys) can be stored into different receivers and hence can do more functions.

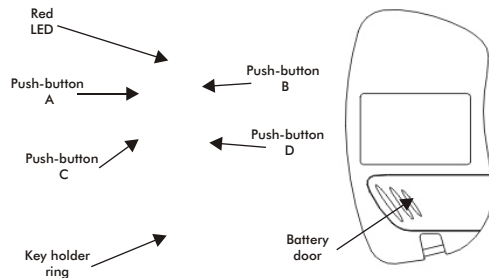
In order to use the unused keys of the transmitter it is enough to connect the dedicated receiver to the mechanism to drive (i.e. electrolock of a pedestrian gate, a buzzer, etc.).

The product fully complies with the European Directives 99/5/CE, 89/336/CEE, 73/23/CEE and with the Part 15 of FCC Regulations.

1B - Technical specifications

Number of keys:	2 / 4
Supply :	1 Alkaline Battery 12V type 23A
Battery life:	12 - 18 months
Current consumption :	25 mA
Operating frequency :	433,92 MHz
Code combinations :	2 ⁶⁴
Modulation :	AM / ASK
Rated e.r.p. :	50 - 100 μ W
Range in free space:	60 - 120 yd
Operating temperature:	-20 ÷ +55 °C
Overall dimensions:	3.26 x 1.88 x 0.62 in
Weight:	20 gr.

1C - Main features



2 - CODING

Each transmitter is manufactured and sold with a different univocal serial number set-in-factory. The real transmitted code is the result of a special algorithm which combines a serial number, a manufacturer key and a synchronization number.

3 - MEMORIZATION

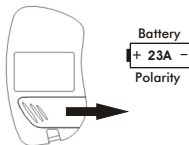
The transmitter security code has to be stored onto the receiver or the receivers memory available. Your own installer or reseller will perform this operation during the installation or will give you the necessary instructions during the selling. Don't forget that the still free buttons of your transmitter can be used for further wireless functions.

Ask your installer the best suitable receiver.

4 - BATTERY ACCESS

To access the battery slide out the battery door
Place the 23A alkaline battery between the 2 contacts.

Respect the right polarity as indicated on the bottom of the box.



NOTE: Please dispose of the batteries correctly, they are hazardous waste.

5 - TROUBLESHOOTING

FAULT

SOLUTION

The radio emission isn't verifiable
The transmitter led is OFF.

Replace the transmitter
battery

The radio emission isn't verifiable
The transmitter led is ON.

Check the receiver supply.

The transmitter led
blinks

Replace the transmitter
battery

RCS-433LS - Type : S2TR2641E2

FCC ID : PWJ024A

This device complies with Part. 15 of the FCC Rules
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept interference received, including interference that may cause undesired operation.

Notice

Any changes or modification to RCS equipment not expressly approved by RCS could void the user's authority to operate the equipment.

GUARANTEE

The guarantee period of all RCS transmitter batteries is 6 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.

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RCS - 433LT



GETTING
STARTED

RCS

**RCS-433LT2
RCS-433LT4**

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

CONTENTS

1 - TRANSMITTER INTRODUCTION

- 1A - General information
- 1B - Technical specifications
- 1C - Main features

2 - CODING

3 - MEMORIZATION

4 - BATTERY ACCESS

5 - TROUBLESHOOTING

1A - General information

The radiocontrol RCS-433LT has been designed for the programmable telephone entry systems, anti-burglar systems and access control systems. It has a very high security coding system. (KeeLoq ® Hopping code).

The code sent by the transmitter changes at each activation, avoiding any scanning and copying risk. A special algorithm

allows to keep synchronized transmitter and receiver.

The operating frequency is 433,92 MHz.

The receiver RCS-433R type SELWR433, which operates with this transmitter, has a Wiegand 26 bit format output, suitable with any type of access control system, equipped with this type of protocol.

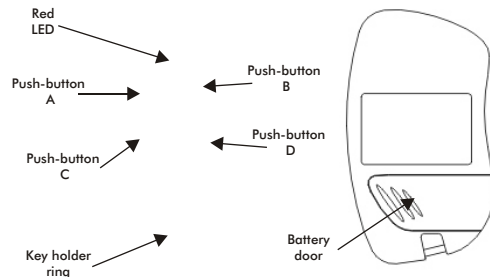
The 23A Alkaline battery has a life of about 18 months.

The product fully complies with the European Directives 99/5/CE, 89/336/CEE, 73/23/CEE and with the Part 15 of FCC

1B - Technical specifications

Number of keys:	2 / 4
Supply :	1 Alkaline Battery 12V type 23A
Battery life:	12 - 18 months
Current consumption :	25 mA
Operating frequency :	433.92 MHz
Code combinations :	2 ⁶⁴
Modulation :	AM / ASK
Rated e.r.p. :	50 - 100 mW
Range in free space:	60 - 120 yd
Operating temperature:	-20 ÷ +55 °C
Overall dimensions:	3.26 x 1.88 x 0.62 in
Weight:	20 gr.

1C - Main features



2 - CODING

Each transmitter is manufactured and sold with a different univocal serial number set-in-factory. The real transmitted code is the result of a special algorithm which combines a serial number, a manufacturer key and a synchronization number.

3 - MEMORIZATION

The transmitter security code has to be stored onto the receiver or the receivers memory available. Your own installer or reseller will perform this operation during the installation or will give you the necessary instructions during the selling. Don't forget that the still free buttons of your transmitter can be used for further wireless functions.

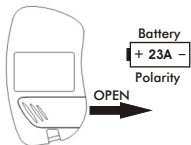
Ask your installer the best suitable receiver.

4 - BATTERY ACCESS

To access the battery slide out the battery door
Place the 23A alkaline battery between the 2 contacts.

Respect the right polarity as indicated on the bottom of the box.

NOTE: Please dispose of the batteries correctly, they are hazardous waste.



5 - TROUBLESHOOTING

FAULT

SOLUTION

The radio emission isn't verifiable
The transmitter led is OFF.

Replace the transmitter
battery

The radio emission isn't verifiable
The transmitter led is ON.

Check the receiver supply.

The transmitter led
blinks

Replace the transmitter
battery

RCS-433LT - Type : S2TW2641E2

FCC ID : PWJ024A

This device complies with Part. 15 of the FCC Rules
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
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