

# RCS - 433LBT

## Stand alone



GETTING  
STARTED

RCS

RCS-433LBT2  
RCS-433LBT4  
RCS-433LBTM

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

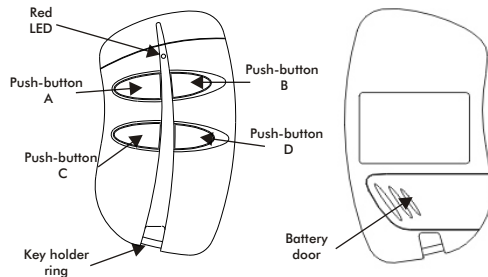
The radiocontrol RCS-433LBT has been designed for the control of automatic closing systems and anti-burglar systems thanks to its very high security coding system. (KeeLoq® Hopping code). The code sent by the transmitter changes at each activation, avoiding any scanning and copying risk. A special algorithm 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, rolling shutters, sun-blinds, anti-burglar appliances, lighting). Each transmitter is identified by a serial number which allows both single and multiple memorizations on the corresponding block receiver (RCS-433BMR). The transmitter ( or its different keys ) can also 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 <sup>64</sup>
Modulation :	AM / ASK
Rated e.r.p. :	50 - 100 µW
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



## 1D - Models

RCS-433LBT2 : 2 key transmitter

RCS-433LBT4 : 4 key transmitter

RCS-433LBTM : 2 key Master transmitter ( for RCS-433BMR receiver)

## 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

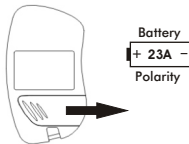
The transmitter security code has to be stored onto the receiver or the receivers memory available. Your own installer or reseller will perform this operation during the installation or will give you the necessities instructions during the selling. Don't forget that the still free buttons of your transmitter 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-433LBT - 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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