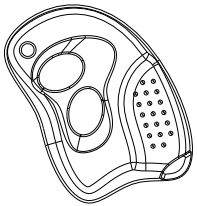
433CTG

GETTING STARTED



RCS

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

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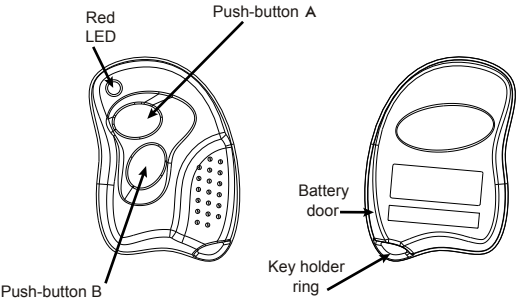
1A - General information

The 433CTG has been designed for programmable telephone entry systems, anti-burglar systems and access control systems.
It has very high security coding systme. (KeeLoq Hopping Code)
The code sent by the transmitter changes at each activation avoiding any scanning and copying risk. A special algorithum allows to keep synchronyzed transmitter and receiver. The operating frequency is 433.92MHz. The receiver, RCS-433R, which opertes with this transmitter, has a Wiegand 26 bit format output, suitable with any type of access control system, equiped with this type of protocol.
The L1028 Alkaline battery has a life of about 12 months, it is a 12V 23A battery.
This product fully complies with Part 15 of the USA FCC regulation as well as the Canadian CRTC regulations.

1B - Technical specifications

Number of keys:	2
Supply :	1 Alkaline 12V 23A battery
Battery life:	12 - 24 months
Current consumption :	13 mA
Operating frequency :	433.92 MHz
Code combinations :	2^{64}
Modulation :	AM / ASK
Rated e.r.p. :	50 - 100 mW
Range in free space:	100 - 200 m
Operating temperature:	-20 ¸ +55 °C
Overall dimensions:	61 x 36 x 16 mm
Weight:	20 gr.

1C - Main features



2 - CODING

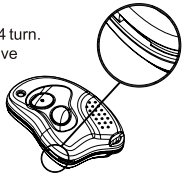
Each transmitter is manufactured and sold with a different univocal serial number set-in-factory. The real transmitted code is the result of a special algorithm which combines a serial number, a manufacturer key and a synchronization number.

3 - MEMORIZATION

The transmitter security code, key code and facility code has to be stored onto the receiver. Your own installer or reseller will perform this operation during the installation or will give you the necessary instructions for proper memorization.

4 - BATTERY ACCESS

To access the battery take a coin and insert into slot on left bottom of transmitter and turn coin 1/4 turn. Insert the 1 Alkaline 12V battery with the negative side first towards the spring. Be sure the PCB board is in place before closing.



NOTE: Please dispose of the battery correctly, it is 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

433CTG

FCC ID : TG6T433CTG

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.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications
Any changes or modification not expressly approved by the party responsible could void the user's authority to operate the device.

Notice

Any changes or modification to RCS equipment not expressly approved by RCS could void the equipment warranty and/or guarantee.

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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