

# KEYFREE TRANSMITTER



*Thank you for choosing this product.  
It is recommended that you read this manual carefully  
before installing this product.*

## 1- INTRODUCTION

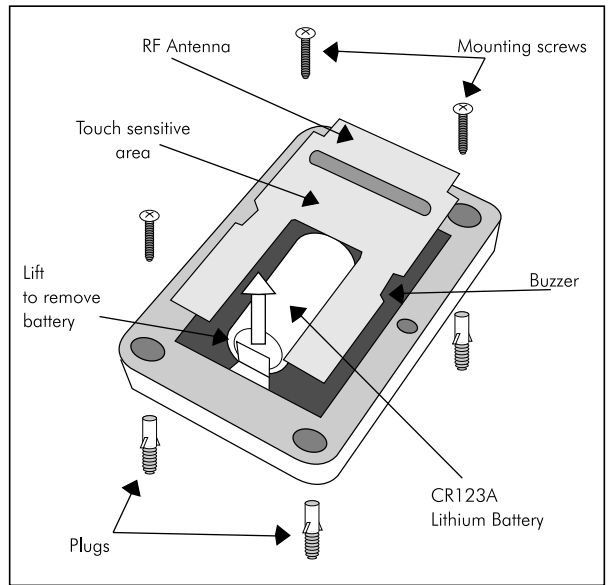
The Wikk Wireless Keyfree transmitter is a special radio transmitter operating at 433.92 MHz in AM/ASK modulation. It is mainly composed of a capacitive touch sensitive circuit and by a radio transmitter. It can be used to operate gates or garage doors or any device with a compatible 422 MHz receiver. The security protocol is a rolling code type. Each product is already factory programmed with a different security code. It is supplied with a CR123A lithium battery. The enclosure protection grade IP55 allows outdoor installations.

## 2- TECHNICAL SPECIFICATIONS

Carrier frequency	433.92 MHz
Modulation	AM/ASK
N° channels	1
E.R.P.	1 mW
Battery type	CR123A
Operating voltage	3 VDC
Current consumption	12-15 $\mu$ A : stand by 20mA : transmission
Battery life	2 years
Security protocol	Keeloq® Hopping code
Code combinations	2 <sup>64</sup>
Range in open space	650 - 1300 feet
Operating temperature	-4 – 175° F
Enclosure IP grade	IP55
Dimensions	2.4" x 3.5" x 1"
Weight	3.3 oz.

## 3 - INSTALLATION PHASES

1. Locate the best position for the installation, avoiding metallic surfaces that could decrease the RF transmissions.
2. Using the box bottom as a template mark the position of the 4 mounting holes.
3. Drill the mounting holes and insert the plugs.
4. Assemble the base and seal together, install to mounting surface using 4 screws.
5. Install the module to base and secure with the screws.



## 4 - OPERATE

The transmitter operates when you skim over the external surface with the hand. The sensitivity of the detector can change according to the mounting surface type: metallic surfaces increase the sensitivity, but can reduce the range of the radio transmission. Approach the cover or touch it until the buzzer sounds. The RF transmission lasts the full duration of the sounding of the buzzer. Normally, it is necessary to skim over the cover with the hand-- not just with a single finger.

## 5 - BATTERY REPLACEMENT

The product used a lithium batter type CR123A. Insert the new batter in the batter location, observing proper polarity.

**ATTENTION:** There is a danger of explosion if the battery is not replaced in the correct way. Replace only with an equal or equivalent battery type.

## WARRANTY

The guarantee of this product is 24 months, beginning from the manufacturing date. During this period, if the product does not work correctly, due to a defective component, the product will be repaired or replaced at the discretion of the manufacturer. This guarantee does not cover the plastic container integrity. After-sale service is supplied at the manufacturer's factory.

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