



SH-EMERGENCY-BUTTON-8F/9F

Two Way Wireless
Emergency - Button



INSTRUCTION MANUAL
P/N xxxxxxxxxx

PRODUCT FEATURES

The SH-Emergency-Button designed for personal emergency signaling and other applications where the transmitter needs to be within easy reach at all times. This is perfect for users who work in environments prone to robberies. This can include banks and jewelry stores.

- Freewave2™ Two Way ISM
- GFSK with 5 frequencies & LBT
- Powered by 1 Lithium batteries 3.0V Size CR2032
- Tamper Open/Close transmission
- Battery life up to 5 years
- Operating Frequencies: 868MHz or 916MHz
- Event Transmission:
 - Panic Alarm
 - Tamper Open/Close
 - Supervision
 - Battery status
- Bi-Color LED indications
- Up to 500m transmission range in open space
- Remotely configurable
- Learned as a Zoon

DETECTOR OPENING

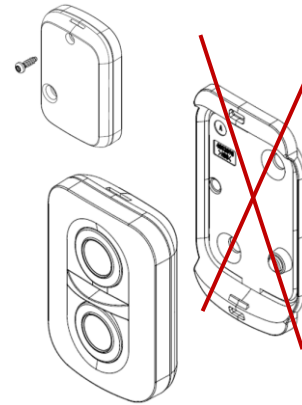


Figure 1
Pull out the Button cover

CIRCUIT LAYOUT

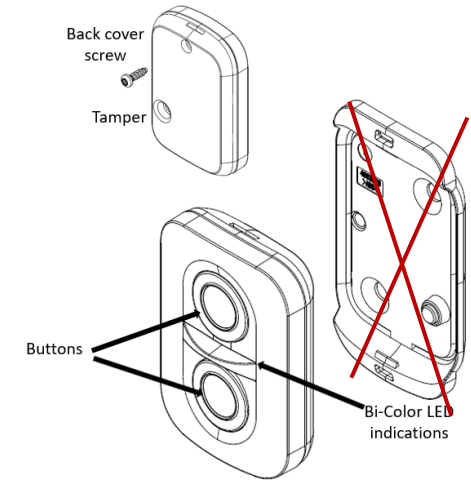
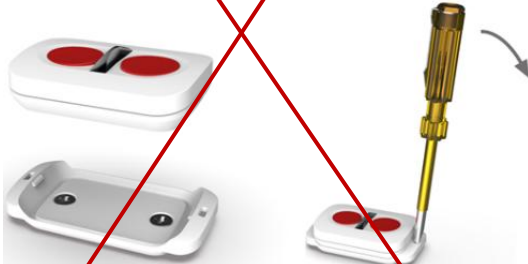


Figure 2
Remove the batteries cover

OPENING THE BRACKET

~~Use a flat screwdriver as shown in the picture to disassemble the bracket, then unscrew the screw to remove the back cover.~~



BATTERY INSERTION



Figure 3

Batteries can be replaced by the user
Battery type: Lithium batterie 3.0V Size CR2032

DETECTOR MOUNTING OPTION

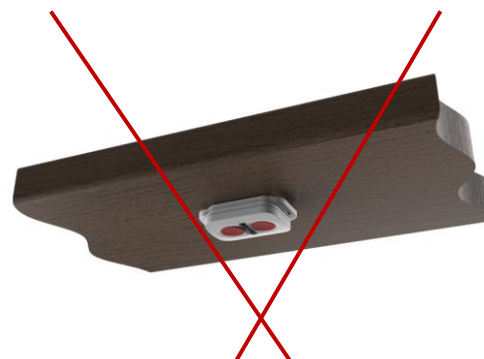


Figure 4
Place the Emergency Button

LEARNING PROCESS

For pairing process, please refer to your control panel instructions.

To pair your device with Shepherd™ panel, please proceed as follows:

1. Enter in installing mode via the "Installer Webpage"
2. Go to "Zones" and select the zone # you want to learn
1. Add Zone -(Reminder: insert Link Type "ISM" , device's ID, Device Type "Emergency Button".)
2. Set the Button configuration: supervision time, LED Indication, and save configuration.
3. Place a battery as instructed in Figure 3 and wait until the Red / Green LED stops blinking.
4. The device should register to the Control Panel.
5. When registration process is successfully completed, the Green LED will constantly light ON for 3 seconds and then turn OFF.
6. If Green LED continues flashing more than 5 minutes and stopped, please check MAG-SHOCK settings details, remove battery and repeat steps 3,4,5.

If Led flashes green constantly, please check if device's ID is correct or missing.

DETECTOR TESTING

Transmission Test

Go to OVERVIEW level in installer webpage programming mode, Identify and locate the Area section.

Physically press the button of the EMG button, the panic alarm appears in ALARM column, disarm the area to reset the panic alarm.

Note: refresh the web page display in case you don't see the change

Tamper Transmission Test

Use a flathead screwdriver, as shown in the picture, to disassemble the bracket, which will trigger the tamper event.

EVENT TRANSMISSION

SUPERVISION – A periodical transmission (configurable) indicating detector's presence.

ALARM – Emergency Alarm transmission triggered by pressing the emergency button. The Red LED will blink once.

LOW BAT – Whenever the battery reaches the low level (2.1V), a Battery Low signal will be sent. When Battery level drops below Cut Off level (1.9V), the device will stop functioning and the Red LED will blink for 10 seconds and then turned Off.

TAMPER – Whenever the bracket is removed from the device, a message will be transmitted with "Tamper alarm" signal. When cover will be returned a "Tamper restore" signal will be transmitted.

BATTERY REPLACEMENT & WARNINGS

The battery must replace by

Lithium. 3V Type: CR2032R Murata or CR2032 DURACEL

CAUTION

**RISK OF EXPLOSION
IF BATTERY IS REPLACED BY DIFFERENT TYPE / MODEL.**

**DISPOSE USED BATTERY
ACCORDING TO ITS INSTRUCTIONS**

- Do not ingest battery, Chemical Burn Hazard**
- This product contains a coin or button cell battery. If the coin or button cell battery is swallowed, it can cause severe Internal burns in just 2 hours and can lead to death.**
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.**

SPECIFICATION

Communication Protocol	Freewave2™ Two Way ISM GFSK with 5 frequencies & LBT
Operating Frequencies	868-869MHz / 916-917MHz
Identification	Unique ID serial number – 24 bit
Events Transmission	Emergency Alarm, Tamper, Supervision, Low Bat.
Supervision Time	0-6 hours by default (configurable between 0-48 hours)
Transmission Range	500m in open space
Battery	Lithium. 3V Type: CR2032
Battery life	Up to 5 years Standby ~2 µA Receive mode ~10 mA Transmit mode ~30 mA
Current Consumptions	Transmit power < 14dBm Low Bat 2.1V Cut Off 1.9V
Tamper Switch	Disassembled from bracket
Operating temperature	-10°C to +55°C
Dimensions	63x37x17.4
Weight (incl. battery)	23gr.

STANDARDS APPROVALS

The CR-EMG conforms to the essential requirements set out by:

- RED: 2014/53/EU
- EMC: 2014/30/EU
- LVD: 2014/35/EU

Harmonized Standards applicable to this product are (pending):

- EN 300220-2
- EN 301489-3
- EN 301489-1
- EN 50130-4
- EN 61000-6-3
- EN 62368-1

Security Grade 2; Environmental Class II;



WARRANTY POLICY CERTIFICATE

Crow warrants these products to be free from defects in materials and workmanship under normal use and service for a period of 24 months from the last day of the week and year whose numbers are printed on the printed circuit board inside these products.

Subject to the provisions of this Warranty Certificate, during the Warranty Period, Crow undertakes, at its sole discretion and subject to Crow's procedures, as such procedures are from time to time, to repair or replace, free of charge for materials and/or labor, products proved to be defective in materials or workmanship under normal use and service. Repaired products shall be warranted for the remainder of the original Warranty Period.

All transportation costs and in-transit risk of loss or damage related, directly or indirectly, to products returned to Crow for repair or replacement shall be borne solely by the Purchaser.

This Warranty Certificate does not cover products that is defective (or shall become defective) due to: (a) alteration of the products (or any part thereof) by anyone other than Crow; (b) accident, abuse, negligence, or improper maintenance; (c) failure caused by a product which Crow did not provide; (d) failure caused by software or hardware which Crow did not provide; (e) use or storage other than in accordance with Crow's specified operating and storage instructions.

There are no warranties, expressed or implied, of merchantability or fitness of the products for a particular purpose or otherwise, which extend beyond the description on the face hereof.

This limited Warranty Certificate is the Purchaser's sole and exclusive remedy against Crow and Crow's sole and exclusive liability toward the Purchaser in connection with the products, including without limitation - for defects or malfunctions of the products. This Warranty Certificate replaces all other warranties and liabilities, whether oral, written, (non-mandatory) statutory, contractual, in tort or otherwise.

In no case shall Crow be liable to anyone for any consequential or incidental damages (inclusive of loss of profit, and whether occasioned by negligence of the Crow or any third party on its behalf) for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

Crow does not represent that these products cannot be compromised or circumvented; that these products will prevent any person injury or property loss or damage by burglary, robbery, fire or otherwise; or that these products will in all cases provide adequate warning or protection.

Purchaser understands that a properly installed and maintained product may in some cases reduce the risk of burglary, fire, robbery or other events occurring without providing an alarm, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss or damage as a result.

Consequently, Crow shall have no liability for any personal injury; property damage or any other loss based on claim that these products failed to give any warning. If Crow is held liable, whether directly or indirectly, for any loss or damage with regards to these products, regardless of cause or origin, Crow's maximum liability shall not in any case exceed the purchase price of these products, which shall be the complete and exclusive remedy against Crow.



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