# RADION panic

www.boschsecurity.com

BOSCH
**Invented for life**

▶ Water and dust resistant

▶ Sends panic alarms by user for unique identification

▶ Single-button or two-button versions, reduces false activations

▶ Up to 5 year battery life

▶ Supervised for low battery and removal from monitored areas

RADION wireless from Bosch provides the range, scalability and exceptional battery life required to ensure reliable performance and superior quality. Advanced diagnostics and multiple device enrollment options make installation and maintenance simple and cost effective. With a complete line of peripherals, RADION provides the flexibility for virtually any application requirement.

## System overview

RADION panic is a wireless, single-button, or two-button transmitter that sends a panic alarm signal to the monitoring system. Each transmitter is programmed with a unique code that allows the monitoring system to recognize individual transmitters.

## Functions

RADION panic sends panic code information if one, or both keys are pressed for more than 600 milliseconds.

### Water and dust resistant
The housing is designed to resist dust and be resistant to water.

**Supervision**
RADION panic buttons send supervision check-in transmissions to RADION receivers. When connected to a compatible Bosch control panel featuring user definable supervision for panic buttons, the control panel is alerted if the receiver has not received a check-in transmission from an assigned keyfob within the supervision interval.

ℹ️ **Notice**
The control panel must be configured to supervise these devices in order to detect the removal of the device from the monitored area.

**LED**
LED flashes to indicate a signal is sent to your security system

### Certifications and approvals

| Region | Certificate |
| --- | --- |
| US | UL 1023 – Household Burglar Alarm System Units SIA CP-01:2010 |
| Europe | EN50131-1 |

| Region | Certification | |
|--------|---------------|---|
| Australia | RCM | [RFKF-FB, RFKF-FBS, RFKF-TB, RFKF-TBS, RFPB-TB, RFPB-SB] |
| Europe | CE | EMC, LVD, R&TTE, RoHS [RFKF-FB, RFKF-FBS, RFKF-TB, RFKF-TBS, RFPB-TB, RFPB-SB] |
| USA | FCC | Part 15 Security/Remote Control Transmitter 433.42 MHZ [433.42 MHZ] |
| Canada | IC | 1249A-RWSSFT [-A model numbers] |
| Brazil | ANATEL | 4278-13-1855 [RFPB-SB-A; RFPB-TB-A; RFKF-TB-A] |

## Installation/configuration notes

### Recommended Batteries

The following battery types are recommended for correct operation of your keyfob: Duracell DL2032, Varta CR2032, or Panasonic CR2032.

## Parts included

| Quantity | Component |
|----------|-----------|
| 1 | Panic button |
| 1 | Lithium battery (CR2032) coin-cell |
| 1 | Installation guide |

## Technical specifications

### Properties

| | |
|---|---|
| Dimensions | 63.7 mm x 35.5 mm x 13.0 mm (2.51 in x 1.40 in x 0.51 in) |

### Power

| | |
|---|---|
| Power/Voltage | One CR2032 Lithium battery, 3 VDC |
| Battery Life | Up to 5 years |
| | |

### Environmental Considerations

| | |
|---|---|
| Temperature | Functional range: -10˚C to +49˚ (+14˚F to +120˚F) UL only: 0˚C to +49˚C (+32˚F to +120˚F) EN 50130-5 Class II only: -10˚C to 40˚C (+14˚F to +104˚F |
| Environment | Complies with EN50130-5 Class II |
| Relative Humidity | Up to 93% non-condensing |
| Frequency | 433.42 MHz |
| Use | Intended for indoor use. |

## Compatibility

| | |
|---|---|
| Receivers | B810 (compatible with RFPB-SB-A, and RFPB-TB-A only) RFRC-OPT (compatible with RFPB and RFPB-TB only) |

### Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

## Ordering information

### RFPB-SB (433.42 MHz)

Wireless, single-button panic. For use in Europe, Africa, and Australia.
Order number **RFPB-SB**

### RFPB-SB-A (433.42 MHz)

Wireless, single-button panic. For use in North and South America.
Order number **RFPB-SB-A**

### RFPB-SB-CHI (433.42 MHz)

Wireless, single-button panic. For use in China only.
Order number **RFPB-SB-CHI**

### RFPB-TB (433.42 MHz)

Wireless, two-button panic. For use in Europe, Africa, and Australia.
Order number **RFPB-TB**

### RFPB-TB-A (433.42 MHz)

Wireless, two-button panic fob. For use in North and South America.
Order number **RFPB-TB-A**

### RFPB-TB-CHI (433.42 MHz)

Wireless, two-button panic. For use in China only.
Order number **RFPB-TB-CHI**

### Accessories

### RADION beltclip

Belt clip for the RADION panic and keyfob transmitters. Includes clip-on attachment, 2 screws and secure locking nut, and comes in a 3-pack.
Order number **RFAC-BC-3**

### RADION lanyard

Necklace lanyard for the RADION panic and keyfob transmitters. 10 lanyards are individually packed in plastic bags.
Order number **RFAC-LY-10**