RADION panic

▶ 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 be resistant to dust and 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.

ⓘ **Notice**

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

Usage

ⓘ **Notice**
Recommendation on using the panic
For optimal performance, Bosch recommends that the panic transmitter be worn or carried to reduce possible reductions in signal strength. If the panic transmitter is going to be installed, it is recommended to use the Fixed Panic RFPB-FP-A.

LED
LED flashes to indicate a signal is being sent to your security system.

Regulatory information

Region	Regulatory compliance/quality marks	
Brazil	ANATEL	4278-13-1855 [RFPB-SB; RFPB-TB; RFKF-TB]
Europe	CE	EMC, LVD, R&TTE, RoHS [RFKF-TB, RFPB-TB, RFPB-SB] EN50131-1
USA	FCC	Part 15 Security/Remote Control Transmitter 433.42 MHZ

Region	Regulatory compliance/quality marks	
Canada	IC	1249A-RWSSFT
Australia	RCM	[RFKF-FB, RFKF-FBS, RFKF-TB, RFKF-TBS, RFPB-TB, RFPB-SB]
USA	UL	[RFKF-TB, RFPB-SB, RFPB-TB]
	UL	UL 1023 - Household Burglar Alarm System Units, SIA-CP-01:2010

Installation/configuration notes

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

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

RFRC-OPT	

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 Wireless panic transmitter, 1-button
Wireless, single-button panic.
Order number **RFPB-SB | F.01U.253.618 F.01U.383.351**

RFPB-SB-CHI Wireless panic transmitter, 1-button
Wireless, single-button panic. For use in China only.
Order number **RFPB-SB-CHI | F.01U.253.636 F.01U.383.366**

RFPB-TB Wireless panic transmitter, 2-button
Wireless, two-button panic.
Order number **RFPB-TB | F.01U.253.613 F.01U.383.376**

RFPB-TB-CHI Wireless panic transmitter, 2-button
Wireless, two-button panic. For use in China only.
Order number **RFPB-TB-CHI | F.01U.253.630**

Accessories

RFAC-BC-3 Belt clip for RADION key fobs, 3pcs
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 | F.01U.297.291**

RFAC-LY-10 Lanyard for RADION key fobs, 10pcs
Necklace lanyard for the RADION panic and keyfob transmitters. 10 lanyards are individually packed in plastic bags.
Order number **RFAC-LY-10 | F.01U.297.290**

Services
EWE-DETCTR-IW 12 mths wrty ext detector general
12 months warranty extension
Order number **EWE-DETCTR-IW**