

RADION keyfob

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Water and dust resistant
- ▶ Arm, disarm and panic functions
- ▶ Assigned by user for accurate reporting of open close signals
- ▶ LED indicator
- ▶ Programmable option buttons (only available on 4-button model)

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 keyfob allows you to arm or disarm the security system, or send a panic alarm. Programmed with a unique code, each model works exclusively with your compatible security system. On the four-button version, two option buttons are user-defined to perform additional functions.



Notice

The RFKF-TB-A is UL Listed.

Functions

Panic alarm

The keyfob sends a panic code to your monitoring company if your security system is programmed to do so. Press both the lock and unlock buttons simultaneously for more than 600 milliseconds to send a panic alarm.

LED indicator

The LED flashes to indicate a signal was sent to your security system.

Programmable option buttons

The keyfob can be programmed to control additional devices in your protected area. Two option buttons are available.

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.



Notice

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

Certifications and approvals

Region	Certificate
US	UL 1023 – Household Burglar Alarm System Units ANSI/SIA CP-01-2010. Two-button (RFKF-TB-A) only.
Europe	EN 50131-1

Region	Certification	
Europe	EN5013 1	EN-ST-000164 RADION keyfob/RFKF-TB
	EN5013 1	EN-ST-000165 RADION keyfob/RFKF-FB
USA	FCC	Part 15 Security/Remote Control Transmitter 433.42 MHz [433.42 MHz]
Canada	IC	1249A-RWSSFT [-A model numbers]
Brazil	ANATEL	4349-13-1855 [-RFKF-FB-A]
	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	Keyfob
1	Lithium battery (CR2032) coin-cell, 3 VDC
1	Literature

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.

RADION product suite

Receivers	B810 (compatible with RFKF-FB-A, and RFKF-TB-A only) RFRC-OPT (compatible with RFKF-FB and RFKF-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

RFKF-FB (433.42 MHz)

Wireless, four-button key fob. For use in Europe, Africa, and Australia.
Order number **RFKF-FB**

RFKF-FB-A (433.42 MHz)

Wireless, four-button key fob. For use in North and South America.
Order number **RFKF-FB-A**

RFKF-FB-CHI (433.42 MHz)

Wireless, four-button key fob. For use in China only.
Order number **RFKF-FB-CHI**

RFKF-TB (433.42 MHz)

Wireless, two-button key fob. For use in Europe, Africa, and Australia.
Order number **RFKF-TB**

RFKF-TB-A (433.42 MHz)

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

RFKF-TB-CHI (433.42 MHz)

Wireless, two-button key fob. For use in China only.
Order number **RFKF-TB-CHI**

Represented by:

Americas:

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security
Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com