

FA404R Receiver

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Invented for life



- ▶ Reliable communication through 900 MHz spread spectrum technology with frequency hopping
- ▶ False alarm reduction through 56 bit communication protocol and advanced signal processing
- ▶ Fully supervised with transmitter check-in once per minute
- ▶ One output for alarm and one for fault
- ▶ Normally-open (NO) or normally-closed (NC) configuration for outputs

The FA404R Receiver supports the use of up to four supervised transmitters. It provides mechanical Form C relays for two outputs to connect to a compatible control panel or for stand-alone wireless products.

Functions

Communication Reliability

Using a bandwidth of at least 10 MHz in the 900 MHz range with a frequency hopping technique that sends redundant messages across that bandwidth reduces interference and provides a greater range for more reliable communication. The shorter wavelength at 900 MHz allows signals to pass through narrow openings in both commercial and residential environments. The higher transmission power allowed by the Federal Communications Commission (FCC) for 900 MHz spread spectrum systems results in a longer open-field range than traditional 300 MHz products.

False Alarm Reduction

The 56 bit communication protocol eliminates lost or incorrectly decoded signals due to radio interference.

Self-Testing

Once a minute the fully supervised transmitter sends signals to the receiver to test the system for low battery, tamper, and inactive status.

Certifications and approvals

Complies with: FCC Part 15

Installation/configuration notes

Compatibility Information

Category	Products
Control Panels	D9412GV2, D7412GV2, and D7212GV2 D9412G, D7412G, v6.30 or higher D7212G, v6.41 or higher Easy Series, D6412, D4412, D2212B
Repeaters	FA570 and FA575
Transmitters	All Inovonics™ 900 MHz Frequency Agile™ Wireless Transmitters, except the FA212 and FA214 Transmitter, when used with Bosch control panels.

Technical specifications

Electrical

Current:	140 mA maximum
Voltage:	11 VDC to 14 VDC

Mechanical

Color:	Off-white
Dimensions:	16.4 cm x 9.1 cm x 2.8 cm (6.4 in. x 3.6 in. x 1.1 in.)
Weight:	235.3 g (8.3 oz)
Number of Outputs:	Two
Output Type:	Form C Relays

Environmental

Relative Humidity:	0% to 95% (non-condensing)
Temperature (Operating):	0°C to +60°C (+32°F to +140°F)

Trademarks

Inovonics™ and Frequency Agile™ are trademarks of Inovonics Wireless.

Ordering information

FA404R Receiver

Supports the use of up to four supervised transmitters
Order number **FA404R**

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