

# FA400 Remote Receiver

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- ▶ Reliable communication through 900 MHz spread spectrum technology with frequency hopping
- ▶ False alarm reduction through 56 bit communication protocol and advanced signal processing
- ▶ Serial output

Installers can place the FA400 Remote Receiver throughout a protected area, including building interiors. The receiver contains a radio receiver to detect the radio transmission from wireless devices and provides a serial output.

## 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.

## Certifications and approvals

Complies with: FCC Part 15

## Installation/configuration notes

### Compatibility Information

Control Panels	D9412GV2, D7412GV2, and D7212GV2 D9412G, D7412G, v6.30 or higher D7212G, v6.41 or higher
Wireless Interface Modules	D8125INV
Key Fobs	FA113 Keychain Remote Control
Transmitters	All Inovonics™ 900 MHz Frequency Agile™ Wireless Transmitters, except the FA212 and FA214 Transmitters, when used with compatible Bosch control panels.
Repeaters	FA570 and FA575

**Notice**

The FA113 Keychain Remote Control is not compatible with the D7212G or D7212GV2 Control Panels.

**Technical specifications****Electrical**

Current:	40 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:	212.6 g (7.5 oz)
Number of Outputs:	1
Output Type:	Serial

**Environmental Considerations**

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****FA400 Remote Receiver**

Detects the radio transmission from wireless devices and provides a serial output  
Order number **FA400**

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