RX1
Wireless Receiver

Description

The RX1 Wireless Receiver adds wireless receiving capability to the Spectra SP Series control panels (V4.5 and higher). Adding the RX1 to an installation allows for the use of one-way remotes as well as wireless one-way zone transmitters with the system.

Features

- 32 wireless zones

- Transmitter signal strength display

- Maximum number of remote controls: 32

- In-field firmware upgradable via Paradox InField Firmware Upgrade software

- RF jamming supervision

- Low battery, tamper, and check-in supervision

- 2 PGM outputs follow buttons 1 and 2 on REM15, REM1, RAC1

- Wireless zone transmitter supervision

Compatibility

Control Panels

- Spectra SP Series control panels V4.5 and higher (SP4000, SP5500, SP6000, SP65, and SP7000)

Wireless Modules

- REM15, REM1, RAC1 and REM101 remote controls

- DCT10, DCTXP2, DCT2 door contacts

- PMD1P, PMD75, PMD85 motion detectors

- WS588P smoke detector, WH588P heat detector, WC588P CO_2 detector and the SD738 smoke detector

RX1 Overview

5.1 cm
2 in.

8.3 cm
3.25 in.

2 cm
0.78 in.

Feature Details

- **Full Supervision**

  The RX1 is fully supevised by the control panel, including low battery, tamper and check-in supervision. The RX1 also supervises wireless zone transmitters.

- **On-board PGMs**

  The RX1 includes two on-board PGMs which follow buttons 1 and 2 on REM15/REM1/RAC1 remote controls (PGMs are also programmable through the panel).

- **LED Feedback**

  The RX1 features two LEDs which provide feedback on RF reception quality and bus communication status.

- **In-field Upgradability**

  Upgrade the RX1's firmware on-site using a 307USB Direct Connect Interface.

Specifications

Power Input Voltage	12 Vdc
Frequency	433 MHz or 868 MHz
Sensitivity	-110 dBm (433 MHz) or -106 dBm (868 MHz)
Current Consumption	25 mA
Dimensions (no antenna)	5.1 x 8.3 x 2 cm (2 x 3.25 x 0.78 in.)
Operating Temperature	0ºC to 50ºC (32ºF to 122ºF)
PGM Outputs	PGM1 and PGM2 - via PGM 13 and 14 of panel
Antenna	Monopole antenna; error correction algorithm

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