



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
- Remote control compatibility: REM15, REM1, RAC1
- Transmitter compatibility: DCT10, DCTXP2, DCT2, PMD1P, PMD75, PMD85, SD738
- 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

RX1 Overview



■ Full Supervision

The RX1 is fully supervised 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.

Compatibility

Control Panels

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

Wireless Modules

- REM15, REM1, RAC1 remote controls
- DCT10, DCTXP2, DCT2 door contacts
- PMD1P, PMD75, PMD85 motion detectors
- SD738 smoke detector

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	0°C to 50°C (32°F to 122°F)
PGM Outputs	PGM1 and PGM2 - via PGM 13 and 14 of panel
Antenna	Monopole antenna; error correction algorithm