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**RX1 Wireless
Receiver**

PARADOX RX1 Wireless Receiver Instruction Manual

Contents

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PARADOX RX1 Wireless Receiver

Product Usage Instructions

Installation

1. Ensure the control panel is powered off before connecting the RX1 Wireless Receiver.
2. Connect the power input of the RX1 to a compatible power source (AC/DC 12V).
3. Place the RX1 in a suitable location within the wireless range of the control panel.
4. Connect the external antenna to the RX1 for optimal signal reception.
5. Power on the control panel and verify successful pairing with the RX1.

Pairing Remote Devices

To pair a one-way remote or wireless one-way zone transmitter with the system:

1. Access the control panel's programming mode.
2. Follow the specific pairing instructions provided with the remote device or transmitter.
3. Test the functionality of the paired device to ensure proper operation.

Maintenance

Regularly check the status of the RX1 Wireless Receiver and its connections to ensure reliable performance.

FAQ

Q: What wireless modules are compatible with the RX1?

A: The RX1 is compatible with WC588P CO2 detector and SD738 smoke detector wireless modules.

Q: Can I use the RX1 with any Spectra SP Series control panel?

A: The RX1 is compatible with SP4000, SP5500, SP6000, SP65, and SP7000 control panels (V4.5 and higher).

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 CO2 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**

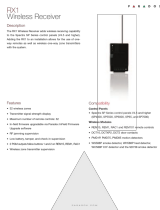PGM1 and PGM2 – via PGM 13 and 14 of panel

- **Antenna**

  Monopole antenna; error correction algorithm.

TRX1-G2K rev03 – Printed in Canada 07/2012

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Documents / Resources

RX1 Wireless Receiver	**PARADOX RX1 Wireless Receiver** [pdf] Instruction Manual RX1 Wireless Receiver, RX1, Wireless Receiver, Receiver

References

- **User Manual**