Quick-Start Guide

EZSnsRF Wireless Sensor Receiver

Model #5010E

Your EZSnsRF wireless sensor receiver is the only transceiver that can receive a signal from any 3000 series Dakota Alert wireless transmitter and convert it into an INSTEON scene command. The 3000 series Dakota Alert transmitters/receivers can achieve wireless transmission distances of up to 600 ft.

Control up to 20 INSTEON scenes using any of the 3000 series wireless transmitters which include indoor and outdoor IR motion sensors, universal dry contact sensors, liquid sensors, bury-able driveway probes, and rubber hose driveway sensors.
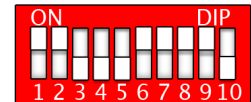
Push Button and LED

Note: Device may differ from image shown

Installation

- Select a suitable power outlet anywhere in your INSTEON power line network. Avoid exposure to moisture. If installing outdoors, use only an approved outdoor weather-proof enclosure. For best results, place the receiver in a vertical position in an area free of metallic obstructions.
- Plug the EZSnsRF into the selected outlet and observe the status LED on its right side flashing a number of times and then glowing steadily after a few seconds. The EZSnsRF is now ready to program! For convenience, a pass-through outlet is provided. Ensure that any device plugged into this outlet is not a radio frequency emitter that would interfere with the EZSnsRF.

Wireless Transmitter Setup:

- Each wireless transmitter is provided with a set of ten DIP switches to give it a unique code. Simply flip the DIP switches ON(up) or OFF(down) from 1 through 10 to give your transmitter a unique code which the EZSnsRF will distinguish as its trigger for your desired INSTEON scene. (Note: each INSTEON scene can consist of one or many INSTEON devices)

Learning a Transmitter Code and Linking INSTEON devices:

- Use the following steps to make INSTEON devices respond to RF codes sent by wireless devices. To cancel the process at any time, press and hold the pushbutton on the EZSnsRF for 4 seconds. When finished, the INSTEON devices will be enrolled to respond on specific codes from the wireless senders.

1. Press and hold the pushbutton on the right side of EZSnsRF for about 4 seconds, then release it. The status LED should now be flashing about once per second (slow rate). The EZSnsRF is now listening for wireless senders.
2. Use any method to activate the wireless transmitter to be linked (e.g. pass in front of a motion sensor or press the transmit button). The EZSnsRF LED will flash more rapidly upon "hearing" the transmitter . The EZSnsRF is now listening for INSTEON devices to enroll (link with.)
3. Press and hold the "Set" button on the INSTEON device to be controlled until its LED blinks (about 4 seconds) indicating the completed link. The EZSnsRF LED may flash briefly but will continue to blink about twice per second indicating readiness to enroll additional INSTEON devices on this scene.
4. If additional INSTEON devices need to be enrolled, repeat step 3 above. Otherwise, press and hold the pushbutton on the EZSnsRF for 4 seconds, then release it at which point the LED on the EZSnsRF will turn off.
5. A timer (from .5 to 15.5 minutes) can now be added to delay the OFF command regardless of the duration of the incoming wireless signal. To add a timer, tap the pushbutton on the EZSnsRF 1-31 times (each tap adds 1/2 minute to the timer). After the last tap, press and hold its pushbutton for 4 seconds to end the linking session. If no timer is needed, end the linking process by pressing and holding the pushbutton on the EZSnsRF for 4 seconds. Its LED will glow steadily again. (**Note:** If you do not use a timer, tap the SET button once more to finish.)

- Although the EZSnsRF can be set up manually as per the previous instructions, PC software may be used to rapidly change several parameters such as the INSTEON commands to be sent and the timer values for each wireless device.

Resetting to Factory Configuration

- If you need to completely erase all programming from the EZSnsRF and restore to factory defaults, proceed as follows:

  Unplug the EZSnsRF for at least 5 seconds. Press and hold the pushbutton and plug it back in while keeping the pushbutton depressed. Continue to hold the pushbutton for an additional 5 seconds and then release.

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