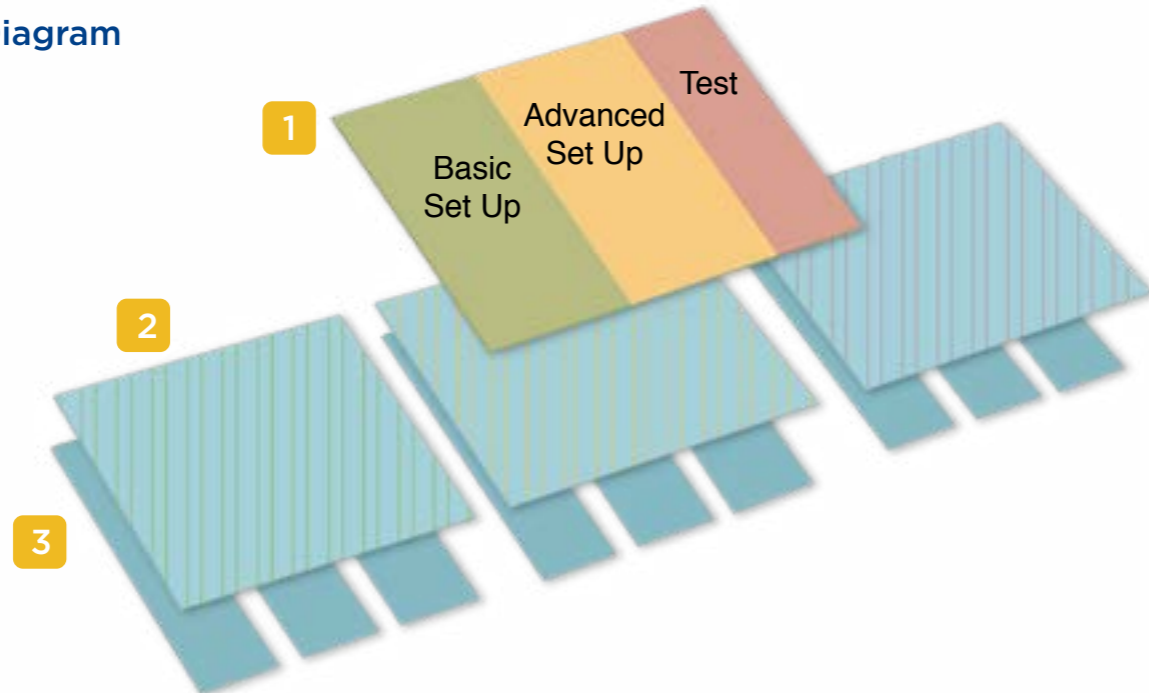


Button/LED Interaction Guide

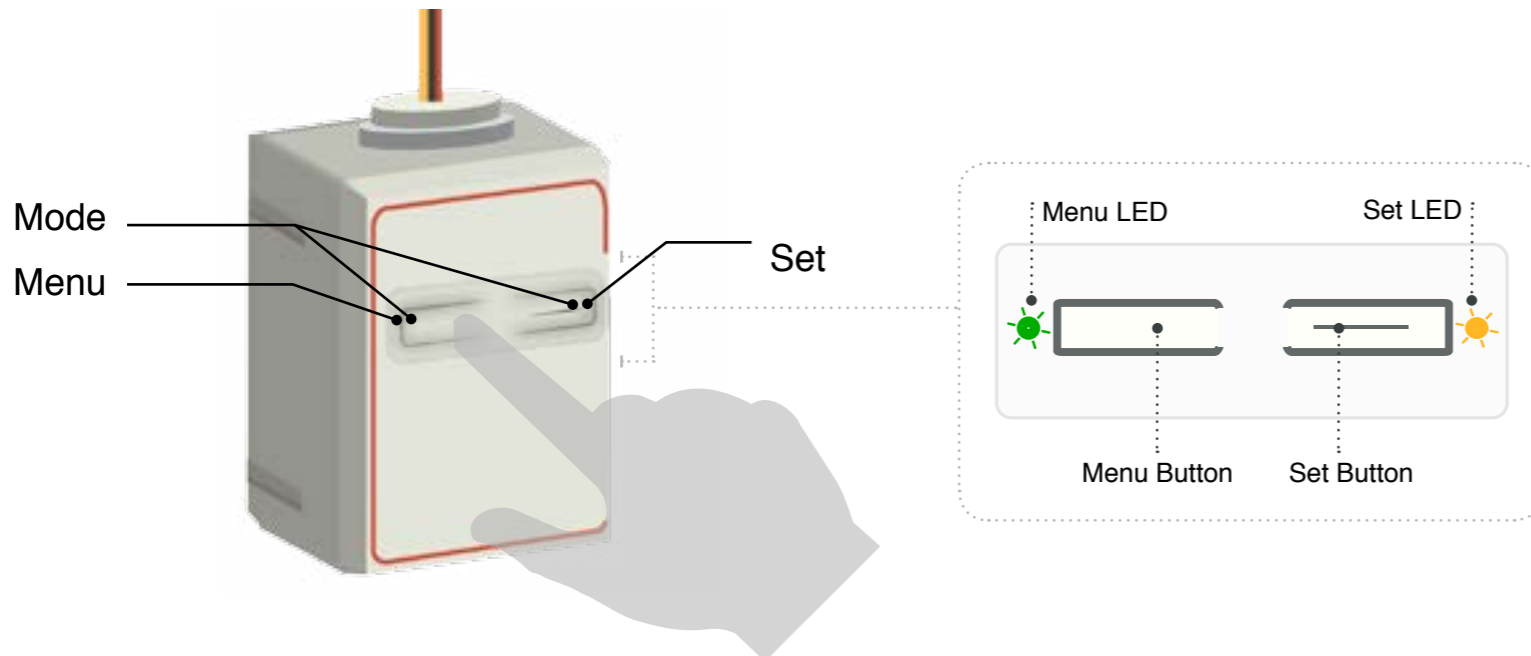
Overview

To configure controller modules, installers can utilize the 2 buttons and LED feedback to navigate a 3-level interface and set a wide array of device behaviors. This document will describe the basic architecture of the interface and how to interact with each level (1 = Modes, 2 = Menus, and 3 = Options). There are 3 Modes - Basic, Advanced, and Test. Each mode has multiple Menus with multiple Options that can be selected. Note that these settings (and more) can also be remotely configured via software.

Conceptual Diagram



EnOcean Relay



1 Level 1 - Mode

To exit normal operation and enter a configuration Mode, press and hold both buttons (Menu and Set) simultaneously. The LEDs will cycle through green, then orange, and then red indicating the 3 modes (Basic, Advanced, or Test). Release both buttons when the desired mode color is shown. By default, the first menu within each mode will be selected.

2 Level 2 - Menu of Options

Each Mode contains multiple menus. To select a desired Menu within a mode, click the menu button the number of times corresponding to that menu (shown in the Configuration Table). The Menu LED will then repeatedly blink back the same number of times (i.e. 4 quick blinks = menu 4) to confirm the selected menu is now active. Upon entering a menu, the Set LED will blink green the number of times corresponding to the currently active option.

3 Level 3 - Options

To enable a desired option within a menu, press the Set button the number of times corresponding to that option from the Configuration Table below (i.e. 2 clicks = option 2). The Set LED will then blink that same number of times in orange (2 blinks = option 2) to indicate the selected option is pending. To confirm and activate this option, press and hold the set button for 3 seconds, until the Set LED blinks green. To exit the configuration interface back to normal operation, simply press and hold both buttons for 3 seconds until you see both LEDs blink green twice confirming the exit.

Configuration Table

MODE 1 Basic Set Up

OPTIONS	1. Linking 1. Accept 2. Send 3. Remove 4. Remove All Link or Unlink sensors and switches with the relay. No confirmation press is required.	2. Auto-On 1. Disabled 2. Enabled 3. Link-based Override default auto on scenarios.	3. Vacancy Check 1. 5 minutes 2. 15 minutes 3. 30 minutes 4. 60 minutes 5. 120 minutes Time after a door close without detecting occupancy before relay switches states.	4. Switched Auto-Off 1. Disabled 2. 5 minutes 3. 15 minutes 4. 30 minutes 5. 60 minutes Time after an 'On' switch press that the relay will switch states.	5. Occupancy Auto-Off 1. Disabled 2. 5 minutes 3. 15 minutes 4. 30 minutes 5. 60 minutes Time after receiving occupancy or door open signals before the relay switches states.
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MODE 2 Advanced Set

OPTIONS	1. Repeater 1. Disabled 2. 1-Hop 3. 2-Hop	2. Inverted Relay 1. Disabled 2. Enabled	3. Heating Setback 1. Disabled 2. 66°F 3. 62°F 4. 58°F 5. 40°F*	4. Cooling Setback 1. Disabled 2. 76°F 3. 80°F 4. 84°F 5. 88°F *	*EHSM setting only
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MODE 3 Test

OPTIONS	1. Test For Manufacturing Test	2. 10 Sec Reboot 2 sec SET button press to confirm	3. 15 Sec Reset Factory Defaults & Clear Links 2 sec SET button press to confirm	Default settings are in bold
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Example

Step by step to change Motion Auto-Off Timer from default 15 minutes to 5 minutes.

A: Action

R: Response

Enter Set Up Mode 1

A: Press/Hold both buttons for 2 seconds

R: Both LEDs are solid green



A: Release both buttons

R: Menu LED blinks Green 1x (Menu 1)

R: Set LED blinks Amber 1x (Option 1)

Select Menu 5 - Occup. Auto-Off

A: Click MENU button 5x

R: MENU LED blinks Green 5x

R: SET LED blinks Amber 3x (Default)



Select Option 2 - 5 minutes

A: Click SET button 2x

R: SET LED blinks Amber 2x



Save the selection

A: Press/Hold SET LED 3 seconds

R: SET LED blinks Green 2x



Exit Setup Mode

A: Press/Hold both buttons 3 seconds

R: Both LEDs blink Green 2x

