



## Simplify Adjustments with Ladderless Commissioning™

### Fine-tune your IRC system using the Low Voltage Switch

## Integrated Room Control (IRC) and the Low Voltage 4-Button Switch

### IRC COMPLETES SYSTEM CONFIGURATION WHILE SWITCH ENABLES FINE-TUNING

The IRC room-in-a-box lighting control solution features Ladderless Commissioning™, a Leviton-exclusive feature that allows for install-and-forget programming convenience. Ladderless Commissioning provides streamlined calibration of photocells and occupancy sensors, with the added ease of simplified manual adjustments. Fine-tuning of the system takes place at the low voltage 4-button switch, not at the IRC. As a result, there is no need to regain access to the IRC unit—and no need to get back on a ladder. Save time while avoiding damage and disruption to facilities while adjusting for human interference and other variables during the AutoCal™ process. The IRC system also complies with IECC, ASHRAE 90.1 and California Title 24 requirements for daylighting, demand response, dimming, plug load control, partial-ON, partial-OFF and manual adjustments.

#### PROBLEM

After IRC system is configured, the user needs to adjust lighting level.

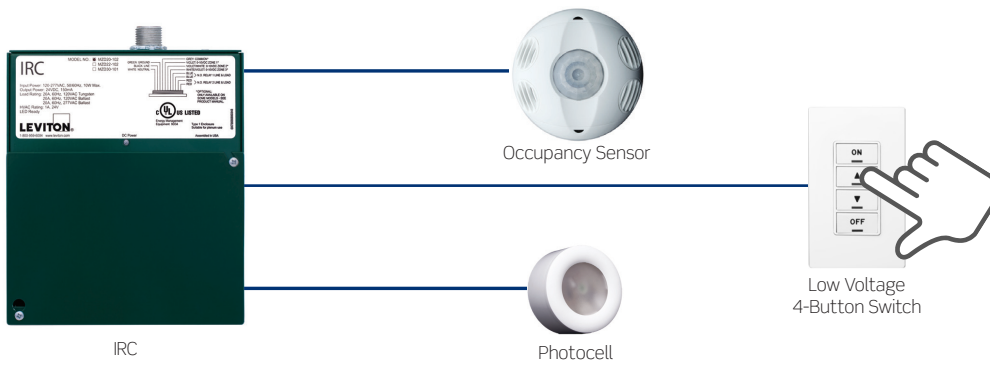
- Human interference occurred while configuring, casting a shadow on the photocell
- Relocating IRC in ceiling is difficult and requires removing and potentially damaging ceiling tiles and disrupting the facility's normal operations
- Must meet IECC, ASHRAE 90.1 and Title 24 requirements

#### SOLUTION

Refine the IRC's auto-calibration directly from the low voltage entry station.

- Adjust for interferences that commonly occur during the AutoCal automatic programming process to ensure the proper photocell and occupancy sensing settings
- Access the IRC's settings from the low voltage 4-button switch—there is no hunting for the IRC unit in the ceiling, no damage to ceiling tiles and no interference with normal business operation
- Meets IECC, ASHRAE 90.1 and Title 24 requirements for manual adjustment capabilities on control systems


## IRC LADDERLESS COMMISSIONING AUTO CALIBRATION SOLUTION



### TO ENTER THE LOW VOLTAGE 4-BUTTON SWITCH LADDERLESS COMMISSIONING PROGRAMMING MODE:

- Press and hold the **ON** button for 7 seconds
  - The **ON** and **OFF** LEDs will flash alternately, each for 0.25 second, indicating that you have entered the Programming Mode
- To program the daylight photocell target level in Programming Mode:
  - Tap the **ON** button
  - The **ON** and **OFF** LEDs will flash alternately, with the **ON** LED lit for 0.4 second and the **OFF** lit for 0.1 second
  - Use the **BRIGHT** and **DIM** buttons to increase and decrease the light level input, respectively. Adjustment will be in the range of 0-10V
  - Tap the **ON** button to save changes and re-enter Programming Mode with the **ON** and **OFF** LEDs each flashing for 0.25 second.
- To program the minimum level:
  - Tap the **OFF** button
  - The **ON** and **OFF** LEDs will now blink alternately, with the **OFF** LED lit for 0.4 second and the **ON** lit for 0.1 second
  - Use the **BRIGHT** and **DIM** buttons to increase and decrease the light level output. Adjustments will be in the range of 0-4V
  - Tapping the **ON** button will save your changes and re-enter Programming Mode with the **ON** and **OFF** LEDs each flashing for 0.25 second
- To exit Programming Mode, tap the **ON** button. If no button is pressed within a 2-minute interval, the Programming Mode will automatically cease.

### WHAT YOU WILL NEED

| IRC LADDERLESS COMMISSIONING AUTO CALIBRATION SOLUTION   |          | QTY. |
|--|----------|------|
|  <p><b>IRC Kit   RCDx0-xxx</b></p> <ul style="list-style-type: none"> <li>• Includes low voltage 4-button room controller, occupancy sensor and photocell</li> </ul> <p>NOTE: 1- and 2- button switches are also available; refer to data sheet for configuration and load type information</p> | <b>1</b> |      |

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