

# LightLEEDer EVO-INT Motion Sensor Control Technical Bulletin

The LightLEEDer EVO-INT panels hardware inputs can be programmed for motion sensor control of relays or dimmer outputs.

The four hardwired inputs on the LLEVO-INT can be configured as a maintained closure from a motion sensor or as a momentary push button. The LLEVO-INT internal operation of the four hardwire inputs utilizes two LightSync addresses LS:02 (maintained motion sensor) and LS:03 (momentary push button) that are programmed independently for the same four hardwire connection points.

## **EVO-INT Motion Sensor Input Configuration:**

The internal device (LS:02) is configured for a maintained motion sensors or hardwire switch in the room and can be mapped for ON/OFF (Occupancy), OFF-only (Vacancy) control or to set a scene or preset for the LLEVO-INT relays and dimmer channels. You can also utilize the Timed-On input type to extend the motion sensor off delay time.

When mapping a motion sensor connected to input 1 (LS:02.1) set the input for "Maintained On/Off". Refer to Figure 7. Then set the relay control for ON/OFF (Occupancy control), or OFF (Vacancy control) as needed. Refer to Figure 8. You can also use this input to set a dimmer Goto xxx% level in one of the "Control Options" lines of the "Dimmer Outputs". Refer to Figure 9. When the motion sensor detects movement in a room it can turn ON relays and set a dimmer level. When the room is vacated you can set a lower dimmer level or turn off the relays.

**Note:** The EVO-INT can provide a total of 45mA of power at 24VDC total for connected motion sensors.

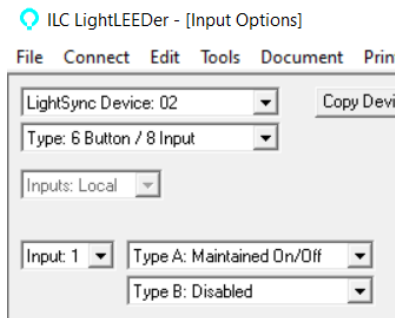


Figure 7 – Input Options

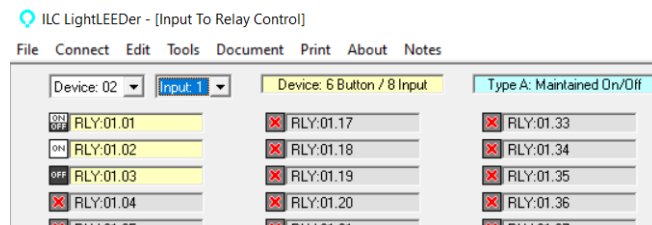


Figure 8 – Input to Relay Control

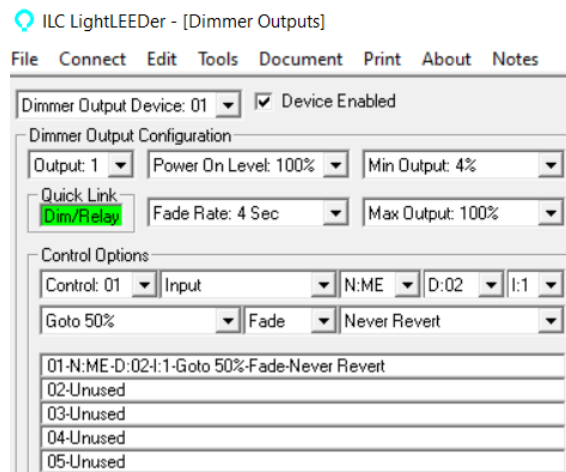


Figure 9 – Dimmer Outputs