## LightLEEDer EVO-INT Motion Sensor Control Technical Bulletin

## The LightLEEDer EVO-INT panels hardwire 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". R 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.

ILC LightLEEDer - [Input Options]							
File Connect Edit Tools Document Prin							
ListeCore Device 22							
LightSync Device: 02 Copy Devi OILC LightLEEDer - [Input To Relay Control]							
Type: 6 Button / 8 Input 💌 File Connect Edit Tools Document Print About Notes							
Inputs: Local	Device: 02 💌 Input: 1 💌 Device: 6 Button / 8 Input	Type A: Maintained On/Off					
	🔀 RLY:01.01 🔀 RLY:01.17	🔀 RLY:01.33					
Input: 1 Vipe A: Maintained On/Off	RLY:01.02 RLY:01.18 RLY:01.18 RLY:01.18	× RLY:01.34					
	off RLY:01.03 🔀 RLY:01.19	🔀 RLY:01.35					
Type B: Disabled	× RLY:01.04 × RLY:01.20	🔀 RLY:01.36					
		DIV 01 07					



Figure 8 – Input to Relay Control

ILC LightLEEDer - [Dimmer Outputs]

File	Connect	Edit Tool	s Document	t Print	About	Notes	
Dimmer Output Device: 01 🔽 🔽 Device Enabled							
Dimmer Output Configuration							
	lutput: 1 💌	Power On l	.evel: 100% 💌	Min O	utput: 4%	-	
	Quick Link Dim/Relay	Fade Rate:	4 Sec 💌	Max	Dutput: 10	0% 💌	
Control Options							
	Control: 01	✓ Input	-	N:ME	D:02	▼ 1:1 ▼	
	Goto 50%	•	Fade 💌	Never Re	evert	-	
01-N:ME-D:02-I:1-Goto 50%-Fade-Never Revert							
ΙĮ	02-Unused						
	03-Unused						
	04-Unused						
	05-Unused						

Figure 9 – Dimmer Outputs



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