

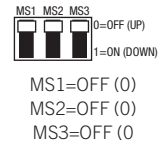
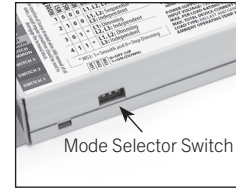
# LOW VOLTAGE CONTROLLER MODES

## FOR THE LVC-2000-009

**IMPORTANT:** Consult the Directions for Use for your low voltage controller for complete installation instructions

### ⚠ WARNING

This low voltage controller can control two loads independently with 0-10 V bi-directional dimming control and a third load independently. It does not have multiple operational modes. The mode select switches shall be set to “0-0-0” by default. Operation with mode select switches in any other setting may warrant unwanted operation.



### SWITCH 1 OPERATION

Load 1 defaults to off and DIM1 to 10 VDC at power on

- ▣ First SW1 press activates load 1 and sets DIM1 to 10 VDC
- ▣ Second SW1 press (sustained press) maintains load 1 and slowly transitions DIM1 from 10 VDC down to 0.7 VDC
- ▣ Third SW1 press (sustained press) maintains load 1 and slowly transitions DIM1 from 0.7 VDC up to 10 VDC
- ▣ Any subsequent SW1 press (sustained press) maintains load 1 and bi-directionally transitions DIM1 between the DIM rails of 10 VDC and 0.7 VDC
- ▣ Releasing a sustained press will latch the DIM1 level to its current state and subsequent sustained presses will bi-directionally transition from that state
- ▣ Once Load 1 is activated, ANY SW1 Press (SHORT Press) will deactivate load 1 and set DIM1 to 10 VDC
- ▣ **NOTE:** SW1 is INACTIVE while LOAD2 and/or LOAD3 are ACTIVE

### SWITCH 2 OPERATION

Load 2 defaults to OFF and DIM2 to 10 VDC at Power On

- ▣ First SW2 press activates load 1 and load 2 and sets DIM1 and DIM2 to 10 VDC
- ▣ Second SW2 press (sustained press) maintains load 1 and load 2 and slowly transitions DIM1 and DIM2 from 10 VDC down to 0.7 VDC
- ▣ Third SW2 press (sustained press) maintains load 1 and load 2 and slowly transitions DIM1 and DIM2 from 0.7 VDC up to 10 VDC
- ▣ Any subsequent SW2 press (sustained press) maintains load 1 and load 2 and bi-directionally transitions DIM1 and DIM2 from between the DIM rails of 10 VDC and 0.7 VDC
- ▣ Releasing a sustained press will latch the DIM1 and DIM2 level to its current state and subsequent sustained presses will bi-directionally transition from that state
- ▣ Once Load 1 and Load 2 are activated, any SW2 Press (SHORT Press) will deactivate Load 1 and Load 2 and set DIM1 and DIM2 to 10 VDC (default). Previous states are NOT persistent
- ▣ Essentially Load 1/Load2 and DIM1/DIM2 mirror each other when controlled from SW2
- ▣ Regardless of the current state of Load 1 and DIM1, activating SW2 will override to Load1 ON and DIM1 of 10 VDC
- ▣ **NOTE:** SW2 is INACTIVE while LOAD3 is ACTIVE

### SWITCH 3 OPERATION:

Load 3 defaults to OFF

- ▣ First SW3 Press will activate load 1 and load 2 AND Load 3 and sets DIM1 and DIM2 to 10 VDC
- ▣ Second SW3 Press will deactivate load 3 and return load 1/load 2 and DIM1/DIM2 to their respective previous settings. Previous states ARE persistent
- ▣ There is no difference in operation between a short press or a sustained press for SW3
- ▣ SW1 and SW2 are nonfunctional while load 3 is activated