MODES

The Green Status light on the SP1 will blink the Mode #. Solid green light indicates Mode 0.

To increment the mode, press the recessed SET button using a pen.

Pressing the SET button when in Mode 7 will cycle back to Mode 0.

MODE	NAME	SWITCH	REMOTE	DESCRIPTION
0	Remote	NONE	Yes	Ignores all switch inputs and only responds to commands sent over the Comm Bus from a gateway device.
1	Normally Open	SW	No	Sets output to OFF when switch input is open. Sets output to {MAX} when switch input is shorted.
2	Normally Closed	SW	No	Sets output to OFF when switch input is shorted. Sets output to {MAX} when switch input is open.
3	Momentary ON/OFF	M MM*	Yes	Toggles output between OFF and {MAX} each time the shorted input is opened. *Top and Bottom button do the same function.
4	Momentary ON/OFF w/ Restore Level	MM	Yes	Two exclusive, normally open momentary buttons produce separate resistances indicating which button was pressed. UP button shorts the input. DOWN button creates a 4.7k Ohm resistance. Tap UP button to set output to Restore Level. Tap UP button again to set output to {MAX}. Tap DOWN button to turn OFF LED.
5	Momentary ON/OFF w/ Restore Level and Ramping	MM	Yes	Tap UP button to set output to the Restore Level. Tap UP button again to set output to {MAX}. Tap DOWN button to set output to OFF. Hold UP button (>0.75 sec) to raise output (up to {MAX}). Hold DOWN button (>0.75 sec) to dim output (until OFF).
6	Momentary ON/OFF w/ Ramping	M MM*	Yes	Tap (<0.75 sec) to toggle between Restore Level, {MAX}, and OFF. Hold (>0.75 sec) when output is below 50% will raise output. Holding when above 50% will dim output until button is released. *Top and Bottom button do the same function.
7	Follower	NONE	Yes	Only responds to level reply messages from a Master with the same ID.

SW: Typical on/off (open/closed) switch or magnetic door switch.

M: Single momentary button or push button switch.

MM: Normally open, momentary ON (top), and momentary OFF (bottom) switch through 4.7k-ohm resistor.

{MAX}: Maximum LED ON value. Set through communication protocol.

The REMOTE column describes whether or not the Mode responds to Level commands over the Comm Bus from a gateway.

The Initial Power Up Restore level is stored in the SP1 when changed via the Comm Bus command. The Restore Level is stored in temporary memory by any ramping switch command and is not recalled after a complete power shutdown (dead battery).

Motion sensors work in Modes 3-6, and only turn lights on (to the Restore level) when the lights are completely OFF. When motion is no longer detected, the lights will turn OFF.

AC Style 3-Way Switches can be used for mode 1 & 2. See Wiring AC-style 3-way Switches App Note.