

GOES NON-INDEXING TWINSPIN™ INSTRUCTIONS

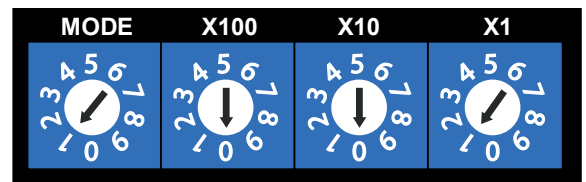
There are two models of the GOES TwinSpin™. One is indexing and one is non-indexing. If you have a non-indexing TwinSpin™ (TS-5222), you can control it with a DMX signal. If you do not have a DMX signal, you can set the control to “standalone” and it will operate whenever the power is turned on. Either model requires a GAM power supply.

DMX OPERATION (NON-INDEXING TWINSPIN™)

The Non-Indexing TwinSpin™ can be operated by a DMX signal. The channel setting on the power supply should be set to 1 for the mode switch, then the following channel switches can be set to the channel of your choice. For example, if you are going to use channel 1 on your dimmer board, then the sequence setting will be 1-0-0-1. In this mode setting your DMX signal will start the TwinSpin™. The Dowser, if used, will be on the next higher channel automatically (channel 2). With this above setting, your selected channel will control the TwinSpin™ as follows:

Channel	TwinSpin Effect
0-25 %	Indexing to position
26-49 %	Indexing to position with pattern rotation reversed
50-75 %	Speed of continued rotation
76-100 %	Speed of continued rotation with patterns reversed

MODE AND CHANNEL SWITCHES LOCATED ON DUAL POWER SUPPLY



NON-DMX OPERATION (NON-INDEXING TWINSPIN™)

The mode and channel set switches can be set for automatic sequence of pattern rotation. The selected sequence or continuous rotation will start when the unit is powered and it will stop when power is turned off.

Standalone Modes Mode Switch = 0, 5, 6, & 7. No DMX required. Power supply only.

These are preprogrammed effects with parameters that can be set by the control switches as follows:

Mode	Gobo 1	Gobo 2	X100	X10	X1
0	Clockwise	Counterclockwise	0	Set 0-99 for	
	Counterclockwise	Clockwise	1	Speed control	
	Both patterns go at the same speed				

Standalone Modes Mode Switch = 0, 5, 6, & 7. No DMX required. Power supply only.

These are preprogrammed effects with parameters that can be set by the control switches as follows:

Mode	Function	X100 Switch	X10 Switch	X1 Switch
5	Swinging Pendulum Sway Back and Forth	Gravity of the Pendulum	Maximum Speed of the Pendulum	Speed of gobo 1 & 2 rotation
6	Random Roll Forwards and Backwards	Time Taken per Cycle	Dwell Time at Change of Direction (While Stopped)	Speed of gobo 1 & 2 rotation
7	Timed Roll Forwards and Backwards	Time Taken per Cycle	Dwell Time at Change of Direction (While Stopped)	Speed of gobo 1 & 2 rotation

The non-indexing model has all the same control functions as the indexing model except the non-indexing model selects a random position as the home point of the index. The indexing model sets itself to a fixed home position (so it knows its position).