

# DMX Channel Assignments and Values

## 8-Channel Mode

Channel	Function	Value	Setting
1	Pan	000 ⇄ 255	0°~180°
2	Tilt	000 ⇄ 255	0°~90°
3	Color	000 ⇄ 007	Open (white)
		008 ⇄ 015	Dark Blue
		016 ⇄ 023	Yellow
		024 ⇄ 031	Pink
		032 ⇄ 039	Green
		040 ⇄ 047	Red
		048 ⇄ 055	Blue
		056 ⇄ 063	Salmon Pink
		064 ⇄ 071	White/dark blue
		072 ⇄ 079	Dark blue/yellow
		080 ⇄ 087	Yellow/pink
		088 ⇄ 095	Pink/green
		096 ⇄ 103	Green/red
104 ⇄ 111	Red/blue		
112 ⇄ 119	Blue/salmon pink		
120 ⇄ 127	Salmon pink/white		
128 ⇄ 191	Rotate clockwise (slow ~ fast)		
192 ⇄ 255	Rotate counter-clockwise (slow ~ fast)		
4	Shutter	000 ⇄ 003	Closed
		004 ⇄ 007	Open
		008 ⇄ 215	Strobe (slow ~ fast)
		216 ⇄ 255	Open
5	Dimmer	000 ⇄ 255	0%~100%
6	Gobo Wheel	000 ⇄ 007	Open
		008 ⇄ 015	Gobo 1
		016 ⇄ 023	Gobo 2
		024 ⇄ 031	Gobo 3
		032 ⇄ 039	Gobo 4
		040 ⇄ 047	Gobo 5
		048 ⇄ 055	Gobo 6
		056 ⇄ 063	Gobo 7
		064 ⇄ 071	Gobo 7 shake, fast to slow
		072 ⇄ 079	Gobo 6 shake, fast to slow
		080 ⇄ 087	Gobo 5 shake, fast to slow
		088 ⇄ 095	Gobo 4 shake, fast to slow
		096 ⇄ 103	Gobo 3 shake, fast to slow
		104 ⇄ 111	Gobo 2 shake, (fast ⇄ slow)
		112 ⇄ 119	Gobo 1 shake, (fast ⇄ slow)
		120 ⇄ 127	Open
128 ⇄ 191	Gobo scroll: Clockwise rotation		
192 ⇄ 255	Gobo scroll: Counter-clockwise rotation		



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**8-Channel  
Mode (Cont.)**

Channel	Function	Value	Setting
7	Function	000 ⇔ 007	No function
		008 ⇔ 015	Pan/tilt move-in-black
		016 ⇔ 023	Pan/tilt move-in-black (disable)
		024 ⇔ 031	Color wheel move-in-black
		032 ⇔ 039	Color wheel move-in-black (disabled)
		040 ⇔ 047	Gobo wheel move-in-black
		048 ⇔ 055	Gobo wheel move-in-black (disabled)
		056 ⇔ 087	No Function
		088 ⇔ 095	All movement move-in-black (disabled)
		096 ⇔ 103	Reset pan/tilt
		104 ⇔ 111	No Function
		112 ⇔ 119	Reset color wheel
		120 ⇔ 127	Reset gobo wheel
		128 ⇔ 151	No Function
		152 ⇔ 159	Reset all
		160 ⇔ 255	No function
8	Movement Macros	000 ⇔ 007	No function
		008 ⇔ 023	Automatic 1
		024 ⇔ 039	Automatic 2
		040 ⇔ 055	Automatic 3
		056 ⇔ 071	Automatic 4
		072 ⇔ 087	Automatic 5
		088 ⇔ 103	Automatic 6
		104 ⇔ 119	Automatic 7
		120 ⇔ 135	Automatic 8
		136 ⇔ 151	Sound 1
		152 ⇔ 167	Sound 2
		168 ⇔ 183	Sound 3
		184 ⇔ 199	Sound 4
		200 ⇔ 215	Sound 5
		216 ⇔ 231	Sound 6
		232 ⇔ 247	Sound 7
248 ⇔ 255	Sound 8		