

# DMX PROTOCOL

Channel	Value	Percent	Function
1	0-4	0-1	<b>Strobe, Music trig, Reset</b> No function
	5-68	2-26	Strobe, fast slow
	69-100	27-39	Remote stand-alone with auto trigger (disables other channels)
	101-249	40-97	Reserved
	250-255	98-100	Reset fixture, time > 3 seconds
2	0-255	0-100	<b>Intensity</b> 0-100%
3			<b>Color / Gobo Wheel</b>
			<b>Continuous Scroll: full color positions:</b>
	0-9	0-3	Position 1 - Burst - no color
	10-19	4-7	Position 2 - Dot - Light green 204
	20-29	8-11	Position 3 - Sound wave - Magenta 507
	30-39	12-15	Position 4 - Jester - Blue/Primary green/ Magenta
	40-49	16-19	Position 5 - Whirlpool - Blue 101
	50-59	20-23	Position 6 - Target - Blue 106
	60-69	24-26	Position 7 - Nippon - Flame red 304
	70-79	27-30	Position 8 - Mobius - Yellow 603
	80-89	31-35	Position 9 - Fab-4 - Green/Orange/Magenta/Cyan
	90-99	36-38	Position 10 - Solar flare - Orange
	100-109	39-42	Position 11 - DNA - Cyan/Magenta/Amber
	110-119	43-46	Position 12 - Galaxy - Green 202
	120-129	47-50	Position 13 - Closed
130-175	51-68	Reserved	
		<b>Continuous Rotation</b>	
176-207	69-81	CW (Fast to slow)	
208-239	82-93	CCW (Slow to fast)	
		<b>Stand-alone music trigger</b>	
240-244	94-95	Music Chase - Fast	
245-249	96-97	Music Chase - Slow - (5 values)	
250-255	98-100	Music Chase - Dynamic (5 values)	

Channel	Value	Percent	Function
<b>Color Shake</b>			
4	0-1	0	No function
	2-128	1-50	Narrow Shake (Slow-fast)
	129-255	51-100	Wide Shake (Slow-fast)
<b>Parabolic reflector</b>			
5	0-1	0	Stop
	2-65	1-25	CCW rotation (Fast to slow)
	66-129	26-50	CW rotation (Slow to fast)
	130-192	51-75	Shake (different shakes)
	193-208	76-81	Random Shake
	209-239	82-93	Reserved
	240-244	94-95	Reserved (Music chase - fast)
	245-249	96-98	Reserved (Music chase - slow)
	250-255	99-100	Music chase - dynamic