

Ego X6 DMX PROTOCOL

Channel	Value	Percent	Function
1	0-4	0-1	Strobe, music trig, reset Open
	5-68	2-26	Strobe, fast to slow
	69-100	27-39	Remote stand-alone auto trigger (disables other channels)
	101-249	40-97	Reserved, no function
	250-255	98-100	Reset fixture, time > 3 seconds
2	0-255	0-100	Intensity 0-100%
3			Textured glass wheel
			Continuous scroll, full positions:
	0-9	0-3	Textured glass 1
	10-19	4-7	Textured glass 2
	20-29	8-11	Textured glass 3
	30-39	12-15	Textured glass 4
	40-49	16-19	Textured glass 5
	50-59	20-23	Textured glass 6
	60-69	24-26	Textured glass 7
	70-79	27-30	Textured glass 8
	80-89	31-35	Textured glass 9
	90-99	36-38	Textured glass 10
	100-109	39-42	Textured glass 11
	110-119	43-46	Textured glass 12
	120-129	47-50	Textured glass 13
130-175	51-68	Reserved	
		Continuous rotation	
176-207	69-81	Clockwise (fast to slow)	
208-239	82-93	Counter-clockwise (slow to fast)	
		Music trigger	
240-244	94-95	Music trigger - fast	
245-249	96-97	Music trigger - slow - (5 values)	
250-255	98-100	Music trigger - dynamic (5 values)	
4	0-1	0	Textured glass wheel shake No function
	2-128	1-50	Narrow shake (slow to fast)
	129-255	51-100	Wide shake (slow to fast)

Channel	Value	Percent	Function
5	0-5	0-1	Color/twinkle wheel Open
	6-165	2-64	Position: first to last color
	166-199	65-78	Auto color (slow to fast)
	200-201	79	Twinkle stop
	202-235	80-92	Auto twinkle (slow to fast)
	236-239	93	Closed
	240-244	94-95	Music trigger - fast
	245-249	96-97	Music trigger - slow
	250-255	98-100	Music trigger - dynamic
	6	0-1	0
2-65		1-25	Counter-clockwise rotation (fast to slow)
66-129		26-50	Clockwise rotation (slow to fast)
130-192		51-75	Shake (slow to fast)
193-208		76-81	Random shake
209-239		82-93	Reserved, stop
240-244		94-95	Reserved (music trigger - fast)
245-249		96-98	Reserved (music trigger - slow)
250-255		99-100	Music trigger - dynamic
7		0-15	0-5
	16-31	6-11	Macro 1
	32-47	12-18	Macro 2
	48-63	19-24	Macro 3
	64-79	25-30	Macro 4
	80-95	31-37	Macro 5
	96-111	38-43	Macro 6
	112-127	44-49	Macro 7
	128-143	50-55	Macro 8
	144-159	56-62	Macro 9
	160-175	63-68	Macro 10
	176-191	69-74	Macro 11
	192-207	75-81	Macro 12
	208-255	82-100	Reserved. No function