

DMX PROTOCOL



Channel	Value	Percent	Function
1	0 - 9	0 - 3	Shutter, Lamp power, Reset Shutter closed (blackout)
	10 - 19	3 - 7	Lamp-on
	20 - 99	7 - 39	Shutter open
	100 - 159	39 - 62	Strobe, fast to slow
	160 - 179	63 - 70	Shutter closed
	180 - 204	70 - 80	Remote stand-alone w/ music trigger
	205 - 229	80 - 90	Remote stand-alone w/ auto trigger
	230 - 239	90 - 94	Shutter closed
	240 - 249	94 - 98	Reset (hold for 5 sec.)
	250 - 255	98 - 100	Lamp-off (w/ ch. 2 & 3 > 252, hold for 5 sec.)
2	0 - 5	0-1	Color wheel White
	6 - 11	2-4	White / Light blue 101
	12 - 17	4-6	Light blue 101
	18 - 23	7-9	Light blue 101 / Fern green 205
	24 - 29	9-11	Fern green 205
	30 - 35	11-13	Fern green 205 / Red 304
	36 - 41	14-16	Red 304
	42 - 47	16-18	Red 304 / Yellow 603
	48 - 53	18-20	Yellow 603
	54 - 59	21-23	Yellow 603 / Magenta 507
	60 - 65	23-25	Magenta 507
	66 - 71	26-27	Magenta 507 / Medium blue 108
	72 - 77	28-30	Medium blue 108
	78 - 83	30-32	Medium blue 108 / Deep orange 302
	84 - 89	33-35	Deep orange 302
	90 - 95	35-37	Deep orange 302 / Light green 204
	96 - 101	37-39	Light green 204
	102 - 107	40-42	Light green 204 / Cyan 104
	108 - 113	42-44	Cyan 104
	114 - 119	44-46	Cyan 104 / Pink 312
	120 - 125	47-49	Pink 312
	126 - 131	49-51	Pink 312 / Blue 111
	132 - 137	52-53	Blue 111
	138 - 143	54-56	Blue 111 / Amber 604
	144 - 149	56-58	Amber 604
	150 - 155	59-61	Amber 604 / Primary red 308
	156 - 161	61-63	Primary red 308
	162 - 167	63-65	Primary red 308 / Primary green 206
	168 - 173	66-68	Primary green 206
	174 - 179	68-70	Primary green 206 / Orange 306
180 - 185	70-72	Orange 306	
186 - 191	73-75	Orange 306 / Split-color 1	
192 - 197	75-77	Split-color 1	
198 - 203	78-79	Split-color 1 / Split-color 2	
204 - 209	80-82	Split-color 2	
210 - 255	82-100	Remote stand-alone action, select trigger on ch. 1	

Channel	Value	Percent	Function
3	0 - 11	0 - 4	Gobo Wheel Open
	12 - 23	5 - 8	Worms 2
	24 - 35	9 - 13	Web
	36 - 47	14 - 18	Petals
	48 - 59	19 - 23	Spokes
	60 - 71	24 - 27	Cone 2
	72 - 83	28 - 32	Maze
	84 - 95	33 - 37	Crater
	96 - 107	38 - 41	Holes 2
	108 - 119	42 - 46	Cross 2
	120 - 131	47 - 51	Jagged cross
	132 - 143	52 - 55	Atomic
	144 - 155	56 - 60	Dot circle
	156 - 167	61 - 65	Nordic
	168 - 179	66 - 70	Aim
	180 - 191	71 - 74	Spokes 2
	192 - 203	75 - 79	Tie
	204 - 215	80 - 84	Nova
	216 - 227	85 - 88	Triple beam
	228 - 239	89 - 96	Dot 2
	240 - 255	97 - 100	Remote stand-alone action, select trigger on ch. 1
4	0 - 255	0 - 100	Pan Left to right (127 = neutral)
5	0 - 255	0 - 100	Tilt Up to down (127 = neutral)
6	0 - 2	0 - 1	Pan/Tilt Speed Tracking (speed function off)
	3 - 255	2 - 100	Fast to slow
7*	0 - 255	0 - 100	Color / Gobo Speed (extended mode - jumper on PL118) Fast to slow

