

DMX Channel Assignments and Values

Control Chart

Value	Percent/Setting	Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 007	No function	066	Inverse square dimmer curve	160 ⇔ 167	Reset iris
008 ⇔ 015	Blackout on pan/tilt	067	S-curve dimmer curve	168 ⇔ 175	Reset frost/animation
016 ⇔ 023	Blackout on color wheel	068 ⇔ 075	No function	176 ⇔ 183	Reset zoom
024 ⇔ 031	Blackout on gobo wheel	076 ⇔ 080	Sunshield on	184 ⇔ 191	Reset CMY+CTO
032 ⇔ 039	Blackout on pan/tilt/color	081 ⇔ 084	Sunshield off	192 ⇔ 199	Fan mode Silent/ECO
040 ⇔ 047	Blackout on pan/tilt/gobo	085 ⇔ 095	No function	200 ⇔ 207	Fan mode Full
048 ⇔ 055	Blackout on p/t/c/g	096 ⇔ 103	Reset pan	208 ⇔ 215	Fan mode Auto
056	No function	104 ⇔ 111	Reset tilt	216 ⇔ 220	Fan mode Studio/TV25
057	PWM 600 Hz	112 ⇔ 119	Reset color wheel	221 ⇔ 225	Fan mode Studio/TV35
058	PWM 2000 Hz	120 ⇔ 127	Reset gobo wheels	226 ⇔ 230	No function
059	PWM 15000 Hz	128 ⇔ 131	Auto CTB when gobo on	231 ⇔ 235	Pan/tilt swap on
060	PWM 65000 Hz	132 ⇔ 135	Auto CTB when gobo off	236 ⇔ 240	Pan/tilt swap off
061 ⇔ 063	No function	136 ⇔ 143	Reset prisms	241 ⇔ 245	Minimum Zoom Focus off
064	Linear dimmer curve	144 ⇔ 151	Reset frames	246 ⇔ 250	Minimum Zoom Focus on
065	Square dimmer curve	152 ⇔ 159	Reset all	251 ⇔ 255	No function

DMX Mode 53 CH

53 CH	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Fine pan	000 ⇔ 255	16-bit, 0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Fine tilt	000 ⇔ 255	16-bit, 0–100%
5	Pan/tilt speed	000 ⇔ 255	Fast to slow
6	Dimmer	000 ⇔ 255	0–100%
7	Fine dimmer	000 ⇔ 255	16-bit, 0–100%
8	Strobe	000 ⇔ 003	Off
		000 ⇔ 007	On
		000 ⇔ 076	Strobe, slow to fast
		077 ⇔ 145	Pulse strobe, slow to fast
		146 ⇔ 215	Random strobe, slow to fast
9	Virtual strobe	216 ⇔ 255	On
		000 ⇔ 001	No function
		002 ⇔ 128	Shake, slow to fast
10	Cyan	129 ⇔ 255	Fade, slow to fast
		000 ⇔ 255	0–100%
11	Magenta	000 ⇔ 255	0–100%
12	Yellow	000 ⇔ 255	0–100%
13	CTO	000 ⇔ 255	0–100%

53 CH	Function	Value	Percent/Setting
14	Color wheel	000 ⇔ 009	Open
		010 ⇔ 019	Color 1
		020 ⇔ 029	Color 2
		030 ⇔ 039	Color 3
		040 ⇔ 049	Color 4
		050 ⇔ 059	Color 5
		060 ⇔ 187	Color wheel indexing
		188 ⇔ 219	Color scroll, fast to slow
		220 ⇔ 223	Stop
		224 ⇔ 255	Reverse color scroll, slow to fast
15	Rotating 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 shaking
		072 ⇔ 079	Gobo 6 shaking
		080 ⇔ 087	Gobo 5 shaking
		088 ⇔ 095	Gobo 4 shaking
		096 ⇔ 103	Gobo 3 shaking
		104 ⇔ 111	Gobo 2 shaking
		112 ⇔ 119	Gobo 1 shaking
		120 ⇔ 135	Open
		236 ⇔ 199	Gobo scroll, slow to fast
		300 ⇔ 255	Reverse gobo scroll, slow to fast
16	Gobo rotate	000 ⇔ 063	Gobo indexing
		064 ⇔ 145	Gobo rotate, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Reverse gobo rotate, slow to fast
		232 ⇔ 255	Gobo bounce, long to short
17	Fine gobo rotate	000 ⇔ 255	16-bit gobo indexing

DMX CHART

Maverick Storm LT
V1.26



53 CH	Function	Value	Percent/Setting
18	Static gobo wheel	000 ⇔ 005	Open
		006 ⇔ 011	Gobo 1
		012 ⇔ 017	Gobo 2
		018 ⇔ 023	Gobo 3
		024 ⇔ 029	Gobo 4
		030 ⇔ 035	Gobo 5
		036 ⇔ 041	Gobo 6
		042 ⇔ 047	Gobo 7
		048 ⇔ 053	Gobo 8
		054 ⇔ 063	Gobo 9
		064 ⇔ 069	Gobo 9 shaking
		070 ⇔ 075	Gobo 8 shaking
		076 ⇔ 081	Gobo 7 shaking
		082 ⇔ 087	Gobo 6 shaking
		088 ⇔ 093	Gobo 5 shaking
		094 ⇔ 099	Gobo 4 shaking
		100 ⇔ 105	Gobo 3 shaking
		106 ⇔ 111	Gobo 2 shaking
		112 ⇔ 117	Gobo 1 shaking
		118 ⇔ 127	Open
		128 ⇔ 191	Gobo scroll, slow to fast
		192 ⇔ 255	Reverse gobo scroll, slow to fast
19	Animation	000 ⇔ 255	Animation effect
20	Animation rotate	000 ⇔ 124	Animation rotate, fast to slow
		125 ⇔ 130	Stop
		131 ⇔ 255	Reverse animation rotate, slow to fast
21	Frame 1-1	000 ⇔ 255	
22	Fine frame 1-1	000 ⇔ 255	
23	Frame 1-2	000 ⇔ 255	
24	Fine frame 1-2	000 ⇔ 255	
25	Frame 2-1	000 ⇔ 255	
26	Fine frame 2-1	000 ⇔ 255	
27	Frame 2-2	000 ⇔ 255	
28	Fine frame 2-2	000 ⇔ 255	
29	Frame 3-1	000 ⇔ 255	
30	Fine frame 3-1	000 ⇔ 255	
31	Frame 3-2	000 ⇔ 255	
32	Fine frame 3-2	000 ⇔ 255	
33	Frame 4-1	000 ⇔ 255	
34	Fine frame 4-1	000 ⇔ 255	
35	Frame 4-2	000 ⇔ 255	
36	Fine frame 4-2	000 ⇔ 255	
37	Frame rotate	000 ⇔ 255	
38	Fine frame rotate	000 ⇔ 255	
39	Focus	000 ⇔ 255	0–100%
40	Fine focus	000 ⇔ 255	16-bit, 0–100%

53 CH	Function	Value	Percent/Setting
41	Auto focus	000 ⇔ 010	No function
		011 ⇔ 030	0–5 meters, gobo 1
		031	6 meters, gobo 1
		032	7 meters, gobo 1
		033	8 meters, gobo 1
		034	9 meters, gobo 1
		035	10 meters, gobo 1
		036	12.5 meters, gobo 1
		037	15 meters, gobo 1
		038	17.5 meters, gobo 1
		039	20–60 meters, gobo 1
		040	Auto detect distance
		041 ⇔ 255	No function
42	Zoom	000 ⇔ 255	Wide to narrow
43	Fine zoom	000 ⇔ 255	16-bit, wide to narrow
44	Prism 1	000 ⇔ 004	No function
		005 ⇔ 255	Prism effect
45	Prism 1 rotate	000 ⇔ 127	Prism indexing
		128 ⇔ 189	Prism rotate, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Prism rotate, slow to fast
46	Prism 2	000 ⇔ 004	No function
		005 ⇔ 255	Prism effect
47	Prism 2 rotate	000 ⇔ 127	Prism indexing
		128 ⇔ 189	Prism rotate, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Prism rotate, slow to fast
48	Iris	000 ⇔ 063	Open to close
		064 ⇔ 127	Auto open–close–open, slow to fast
		128 ⇔ 191	Auto close–open, slow to fast
		192 ⇔ 255	Auto open–close, slow to fast
49	Frost 1	000 ⇔ 255	0–100%
50	Frost 2	000 ⇔ 255	0–100%
51	CMY macro	000 ⇔ 009	No function
		010 ⇔ 255	CMY macro
52	CMY macro speed	000 ⇔ 255	Fast to slow
53	Control	000 ⇔ 255	See the Control Chart

DMX CHART

Maverick Storm LT
V1.26



DMX Mode 37 CH

37 CH	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Fine pan	000 ⇔ 255	16-bit, 0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Fine tilt	000 ⇔ 255	16-bit, 0–100%
5	Pan/tilt speed	000 ⇔ 255	Fast to slow
6	Dimmer	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 003	Off
		000 ⇔ 007	On
		000 ⇔ 076	Strobe, slow to fast
		077 ⇔ 145	Pulse strobe, slow to fast
		146 ⇔ 215	Random strobe, slow to fast
8	Virtual strobe	216 ⇔ 255	On
		000 ⇔ 001	No function
		002 ⇔ 128	Shake, slow to fast
9	Cyan	129 ⇔ 255	Fade, slow to fast
		000 ⇔ 255	0–100%
10	Magenta	000 ⇔ 255	0–100%
11	Yellow	000 ⇔ 255	0–100%
12	CTO	000 ⇔ 255	0–100%
13	Color wheel	000 ⇔ 009	Open
		010 ⇔ 019	Color 1
		020 ⇔ 029	Color 2
		030 ⇔ 039	Color 3
		040 ⇔ 049	Color 4
		050 ⇔ 059	Color 5
		060 ⇔ 187	Color wheel indexing
		188 ⇔ 219	Color scroll, fast to slow
		220 ⇔ 223	Stop
14	Rotating gobo wheel	224 ⇔ 255	Reverse color scroll, slow to fast
		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 shaking
		072 ⇔ 079	Gobo 6 shaking
		080 ⇔ 087	Gobo 5 shaking
		088 ⇔ 095	Gobo 4 shaking
		096 ⇔ 103	Gobo 3 shaking
		104 ⇔ 111	Gobo 2 shaking
		112 ⇔ 119	Gobo 1 shaking
		120 ⇔ 135	Open
		236 ⇔ 199	Gobo scroll, slow to fast
		300 ⇔ 255	Reverse gobo scroll, slow to fast

37 CH	Function	Value	Percent/Setting
15	Gobo rotate	000 ⇄ 063	Gobo indexing
		064 ⇄ 145	Gobo rotate, fast to slow
		146 ⇄ 149	Stop
		150 ⇄ 231	Reverse gobo rotate, slow to fast
		232 ⇄ 255	Gobo bounce, long to short
16	Static gobo wheel	000 ⇄ 005	Open
		006 ⇄ 011	Gobo 1
		012 ⇄ 017	Gobo 2
		018 ⇄ 023	Gobo 3
		024 ⇄ 029	Gobo 4
		030 ⇄ 035	Gobo 5
		036 ⇄ 041	Gobo 6
		042 ⇄ 047	Gobo 7
		048 ⇄ 053	Gobo 8
		054 ⇄ 063	Gobo 9
		064 ⇄ 069	Gobo 9 shaking
		070 ⇄ 075	Gobo 8 shaking
		076 ⇄ 081	Gobo 7 shaking
		082 ⇄ 087	Gobo 6 shaking
		088 ⇄ 093	Gobo 5 shaking
		094 ⇄ 099	Gobo 4 shaking
		100 ⇄ 105	Gobo 3 shaking
		106 ⇄ 111	Gobo 2 shaking
		112 ⇄ 117	Gobo 1 shaking
17	Animation	118 ⇄ 127	Open
		128 ⇄ 191	Gobo scroll, slow to fast
18	Animation rotate	192 ⇄ 255	Reverse gobo scroll, slow to fast
		000 ⇄ 255	Animation effect
		000 ⇄ 124	Animation rotate, fast to slow
19	Frame 1-1	125 ⇄ 130	Stop
		131 ⇄ 255	Reverse animation rotate, slow to fast
20	Frame 1-2	000 ⇄ 255	
21	Frame 2-1	000 ⇄ 255	
22	Frame 2-2	000 ⇄ 255	
23	Frame 3-1	000 ⇄ 255	
24	Frame 3-2	000 ⇄ 255	
25	Frame 4-1	000 ⇄ 255	
26	Frame 4-2	000 ⇄ 255	
27	Frame rotate	000 ⇄ 255	
28	Focus	000 ⇄ 255	0–100%
29	Zoom	000 ⇄ 255	Wide to narrow
30	Prism 1	000 ⇄ 004	No function
		005 ⇄ 255	Prism effect
31	Prism 1 rotate	000 ⇄ 127	Prism indexing
		128 ⇄ 189	Prism rotate, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Prism rotate, slow to fast

DMX CHART

Maverick Storm LT
V1.26



37 CH	Function	Value	Percent/Setting
32	Prism 2	000 ⇔ 004 005 ⇔ 255	No function Prism effect
33	Prism 2 rotate	000 ⇔ 127 128 ⇔ 189 190 ⇔ 193 194 ⇔ 255	Prism indexing Prism rotate, fast to slow Stop Prism rotate, slow to fast
34	Iris	000 ⇔ 063 064 ⇔ 127 128 ⇔ 191 192 ⇔ 255	Open to close Auto open–close–open, slow to fast Auto close–open, slow to fast Auto open–close, slow to fast
35	Frost 1	000 ⇔ 255	0–100%
36	Frost 2	000 ⇔ 255	0–100%
37	Control	000 ⇔ 255	See the Control Chart