

DMX CHART

Maverick Storm 1 Flex
V1.250331



DMX Channel Assignments and Values

33 CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Fine pan	000 ⇔ 255	0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Fine tilt	000 ⇔ 255	0–100%
5	Pan/tilt speed	000 ⇔ 255	0–100%
6	Dimmer	000 ⇔ 255	0–100%
7	Fine dimmer	000 ⇔ 255	0–100%
8	Strobe	000 ⇔ 003	Off
		004 ⇔ 007	On
		008 ⇔ 076	Synchronized strobe, slow to fast
		077 ⇔ 145	Pulse strobe, slow to fast
		146 ⇔ 215	Random strobe, slow to fast
		216 ⇔ 255	On
9	Virtual strobe	000 ⇔ 001	No function
		002 ⇔ 128	Shaking, slow to fast
		129 ⇔ 255	Fade, slow to fast
10	Cyan	000 ⇔ 255	0–100%
11	Magenta	000 ⇔ 255	0–100%
12	Yellow	000 ⇔ 255	0–100%
13	CTO	000 ⇔ 255	0–100%
14	Color wheel	000 ⇔ 006	White
		007 ⇔ 013	Dark red
		014 ⇔ 020	Orange
		021 ⇔ 027	Green
		028 ⇔ 034	Rose red
		035 ⇔ 041	UV
		042 ⇔ 048	CRI
		049 ⇔ 055	CTB
		056 ⇔ 060	White
		061 ⇔ 187	Split color
		188 ⇔ 219	Color scroll, fast to slow
		220 ⇔ 223	Stop
		224 ⇔ 255	Reverse color scroll, clockwise, slow to fast

Channel	Function	Value	Percent/Setting
15	Rotating gobo wheel (See Sky Tracker Mode)	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, slow to fast
		072 ⇄ 079	Gobo 6 shaking, slow to fast
		080 ⇄ 087	Gobo 5 shaking, slow to fast
		088 ⇄ 095	Gobo 4 shaking, slow to fast
		096 ⇄ 103	Gobo 3 shaking, slow to fast
		104 ⇄ 111	Gobo 2 shaking, slow to fast
		112 ⇄ 119	Gobo 1 shaking, slow to fast
		120 ⇄ 127	Open
		128 ⇄ 191	Gobo scroll, slow to fast
		192 ⇄ 255	Reverse gobo scroll, slow to fast
16	Gobo rotation	000 ⇄ 063	Gobo index
		064 ⇄ 145	Gobo rotation, fast to slow
		146 ⇄ 149	Stop
		150 ⇄ 231	Reverse gobo rotation, slow to fast
		232 ⇄ 255	Gobo bounce, short to long
17	Fine gobo rotation	000 ⇄ 255	0–100%
18	Static gobo wheel (See Sky Tracker Mode)	000 ⇄ 004	Open
		005 ⇄ 009	Gobo 1
		010 ⇄ 014	Gobo 2
		015 ⇄ 019	Gobo 3
		020 ⇄ 024	Gobo 4
		025 ⇄ 029	Gobo 5
		030 ⇄ 034	Gobo 6
		035 ⇄ 039	Gobo 7
		040 ⇄ 044	Gobo 8
		045 ⇄ 049	Gobo 9
		050 ⇄ 063	Gobo 10
		064 ⇄ 068	Gobo 10 shaking, slow to fast
		069 ⇄ 073	Gobo 9 shaking, slow to fast
		074 ⇄ 078	Gobo 8 shaking, slow to fast
		079 ⇄ 083	Gobo 7 shaking, slow to fast
		084 ⇄ 088	Gobo 6 shaking, slow to fast
		089 ⇄ 093	Gobo 5 shaking, slow to fast
		094 ⇄ 098	Gobo 4 shaking, slow to fast
		099 ⇄ 103	Gobo 3 shaking, slow to fast
		104 ⇄ 108	Gobo 2 shaking, slow to fast
		109 ⇄ 113	Gobo 1 shaking, slow to fast
		114 ⇄ 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 rotation	000 ⇄ 124	Animation rotation, fast to slow
		125 ⇄ 130	Stop
		131 ⇄ 255	Reverse animation rotation, slow to fast

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Channel	Function	Value	Percent/Setting
21	Focus	000 ⇔ 255	0–100%
22	Fine focus	000 ⇔ 255	0–100%
23	Auto focus	000 ⇔ 010 011 ⇔ 030 031 ⇔ 050 051 ⇔ 070 071 ⇔ 090 091 ⇔ 110 111 ⇔ 130 131 ⇔ 150 151 ⇔ 170 171 ⇔ 190 191 ⇔ 210 211 ⇔ 255	No function 0–5 meters 6 meters 7 meters 8 meters 9 meters 10 meters 12.5 meters 15 meters 17.5 meters 20–60 meters auto detect distance
24	Zoom	000 ⇔ 255	0–100%
25	Fine zoom	000 ⇔ 255	0–100%
26	Prism 1	000 ⇔ 004 005 ⇔ 255	No function Prism effect
27	Prism 1 rotation	000 ⇔ 127 128 ⇔ 189 190 ⇔ 193 194 ⇔ 255	Prism index Prism rotation, fast to slow Stop Reverse prism rotation, slow to fast
28	Prism 2	000 ⇔ 004 005 ⇔ 255	No function Prism effect
29	Prism 2 rotation	000 ⇔ 127 128 ⇔ 189 190 ⇔ 193 194 ⇔ 255	Prism index Prism rotation, fast to slow Stop Reverse prism rotation, slow to fast
30	Frost	000 ⇔ 255	Frost effect
31	CMY macro	000 ⇔ 009 010 ⇔ 255	No function CMY macro
32	CMY macro speed	000 ⇔ 255	CMY macro speed, fast to slow

Channel	Function	Value	Percent/Setting
33	Control (3 second hold)	000 ⇄ 007	No function
		008 ⇄ 015	Blackout on pan/tilt
		016 ⇄ 023	Blackout on color
		024 ⇄ 031	Blackout on gobo
		032 ⇄ 039	Blackout on pan/tilt/color
		040 ⇄ 047	Blackout on pan/tilt/gobo
		048 ⇄ 055	Blackout on pan/tilt/color/gobo
		056 ⇄ 056	No function
		057 ⇄ 057	600 Hz PWM frequency
		058 ⇄ 058	1200 Hz PWM frequency
		059 ⇄ 059	2000 Hz PWM frequency
		060 ⇄ 060	4000 H PWM frequency
		061 ⇄ 061	6000 Hz PWM frequency
		062 ⇄ 062	15000 Hz PWM frequency
		063 ⇄ 063	No function
		064 ⇄ 064	Linear dimmer curve
		065 ⇄ 065	Square dimmer curve
		066 ⇄ 066	I-Square dimmer curve
		067 ⇄ 067	S-Curve dimmer curve
		068 ⇄ 068	Lamp curve dimmer curve
		069 ⇄ 075	No function
		076 ⇄ 079	Sun shield on
		080 ⇄ 084	Sun shield off
		085 ⇄ 095	No function
		096 ⇄ 103	Reset pan
		104 ⇄ 111	Reset tilt
		112 ⇄ 119	Reset color
		120 ⇄ 127	Reset gobo and gobo rotation
		128 ⇄ 131	Auto CTB for gobo on
		132 ⇄ 135	Auto CTB for gobo off
		136 ⇄ 143	Reset prism
		144 ⇄ 151	No function
		152 ⇄ 159	Reset all
		160 ⇄ 167	No function
		168 ⇄ 175	Reset frost
		176 ⇄ 183	Reset zoom
		184 ⇄ 191	Reset CMY+CTO
		192 ⇄ 199	Fan mode ECO
		200 ⇄ 207	Fan mode Full
		208 ⇄ 215	Fan mode Auto
		216 ⇄ 220	Fan mode TV25
		221 ⇄ 225	Fan mode TV35
		226 ⇄ 230	No function
		231 ⇄ 235	Pan/tilt swap on
		236 ⇄ 240	Pan/tilt swap off
		241 ⇄ 245	Minimum Zoom Focus off
		246 ⇄ 250	Minimum Zoom Focus on
		251 ⇄ 255	No function

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Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Fine pan	000 ⇔ 255	0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Fine tilt	000 ⇔ 255	0–100%
5	Pan/tilt speed	000 ⇔ 255	0–100%
6	Dimmer	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 003	Off
		004 ⇔ 007	On
		008 ⇔ 076	Synchronized strobe, slow to fast
		077 ⇔ 145	Pulse strobe, slow to fast
		146 ⇔ 215	Random strobe, slow to fast
		216 ⇔ 255	On
8	Virtual strobe	000 ⇔ 001	No function
		002 ⇔ 128	Shaking, slow to fast
		129 ⇔ 255	Fade, slow to fast
9	Cyan	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 ⇔ 006	White
		007 ⇔ 013	Dark red
		014 ⇔ 020	Orange
		021 ⇔ 027	Green
		028 ⇔ 034	Rose red
		035 ⇔ 041	UV
		042 ⇔ 048	CRI
		049 ⇔ 055	CTB
		056 ⇔ 060	White
		061 ⇔ 187	Split color
		188 ⇔ 219	Color scroll, fast to slow
		220 ⇔ 223	Stop
		224 ⇔ 255	Reverse color scroll, clockwise, slow to fast
14	Rotating gobo wheel (See Sky Tracker Mode)	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, slow to fast
		072 ⇔ 079	Gobo 6 shaking, slow to fast
		080 ⇔ 087	Gobo 5 shaking, slow to fast
		088 ⇔ 095	Gobo 4 shaking, slow to fast
		096 ⇔ 103	Gobo 3 shaking, slow to fast
		104 ⇔ 111	Gobo 2 shaking, slow to fast
		112 ⇔ 119	Gobo 1 shaking, slow to fast
		120 ⇔ 127	Open
		128 ⇔ 191	Gobo scroll, slow to fast
		192 ⇔ 255	Reverse gobo scroll, slow to fast

Channel	Function	Value	Percent/Setting
15	Gobo rotation	000 ⇄ 063	Gobo index
		064 ⇄ 145	Gobo rotation, fast to slow
		146 ⇄ 149	Stop
		150 ⇄ 231	Reverse gobo rotation, slow to fast
		232 ⇄ 255	Gobo bounce, short to long
16	Static gobo wheel (See Sky Tracker Mode)	000 ⇄ 004	Open
		005 ⇄ 009	Gobo 1
		010 ⇄ 014	Gobo 2
		015 ⇄ 019	Gobo 3
		020 ⇄ 024	Gobo 4
		025 ⇄ 029	Gobo 5
		030 ⇄ 034	Gobo 6
		035 ⇄ 039	Gobo 7
		040 ⇄ 044	Gobo 8
		045 ⇄ 049	Gobo 9
		050 ⇄ 063	Gobo 10
		064 ⇄ 068	Gobo 10 shaking, slow to fast
		069 ⇄ 073	Gobo 9 shaking, slow to fast
		074 ⇄ 078	Gobo 8 shaking, slow to fast
		079 ⇄ 083	Gobo 7 shaking, slow to fast
		084 ⇄ 088	Gobo 6 shaking, slow to fast
		089 ⇄ 093	Gobo 5 shaking, slow to fast
		094 ⇄ 098	Gobo 4 shaking, slow to fast
		099 ⇄ 103	Gobo 3 shaking, slow to fast
		104 ⇄ 108	Gobo 2 shaking, slow to fast
		109 ⇄ 113	Gobo 1 shaking, slow to fast
		114 ⇄ 127	Open
		128 ⇄ 191	Gobo scroll, slow to fast
		192 ⇄ 255	Reverse gobo scroll, slow to fast
17	Animation	000 ⇄ 255	Animation effect
18	Animation rotation	000 ⇄ 124	Animation rotation, fast to slow
		125 ⇄ 130	Stop
		131 ⇄ 255	Reverse animation rotation, slow to fast
19	Focus	000 ⇄ 255	0–100%
20	Zoom	000 ⇄ 255	0–100%
21	Prism 1	000 ⇄ 004	No function
		005 ⇄ 255	Prism effect
22	Prism 1 rotation	000 ⇄ 127	Prism index
		128 ⇄ 189	Prism rotation, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Reverse prism rotation, slow to fast
23	Prism 2	000 ⇄ 004	No function
		005 ⇄ 255	Prism effect
24	Prism 2 rotation	000 ⇄ 127	Prism index
		128 ⇄ 189	Prism rotation, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Reverse prism rotation, slow to fast
25	Frost	000 ⇄ 255	Frost effect

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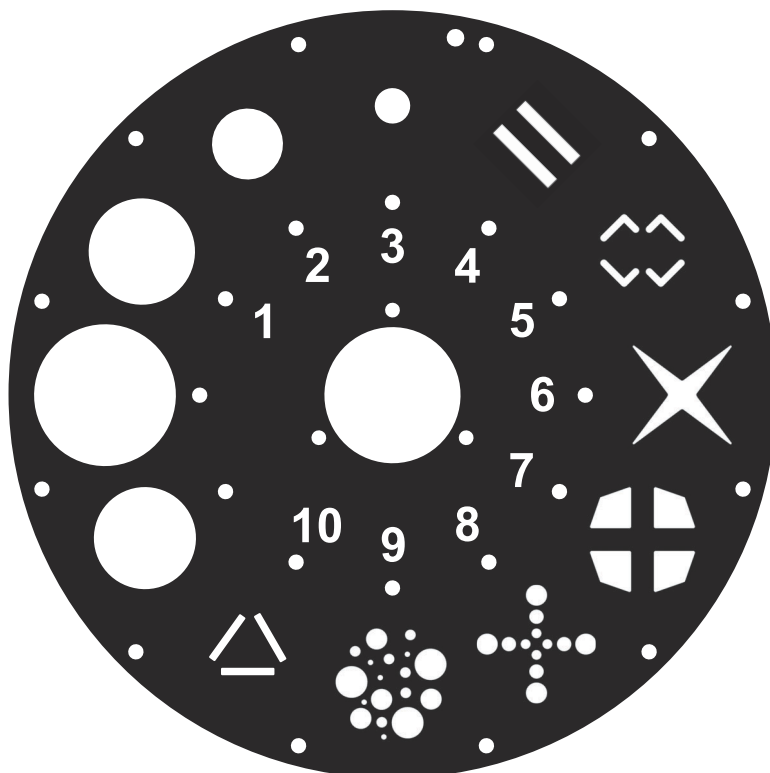


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		008 ⇔ 015	Blackout on pan/tilt
		016 ⇔ 023	Blackout on color
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		040 ⇔ 047	Blackout on pan/tilt/gobo
		048 ⇔ 055	Blackout on pan/tilt/color/gobo
		056 ⇔ 056	No function
		057 ⇔ 057	600 Hz PWM frequency
		058 ⇔ 058	1200 Hz PWM frequency
		059 ⇔ 059	2000 Hz PWM frequency
		060 ⇔ 060	4000 H PWM frequency
		061 ⇔ 061	6000 Hz PWM frequency
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		063 ⇔ 063	No function
		064 ⇔ 064	Linear dimmer curve
		065 ⇔ 065	Square dimmer curve
		066 ⇔ 066	I-Square dimmer curve
		067 ⇔ 067	S-Curve dimmer curve
		068 ⇔ 068	Lamp curve dimmer curve
		069 ⇔ 075	No function
		076 ⇔ 079	Sun shield on
		080 ⇔ 084	Sun shield off
		085 ⇔ 095	No function
		096 ⇔ 103	Reset pan
		104 ⇔ 111	Reset tilt
		112 ⇔ 119	Reset color
		120 ⇔ 127	Reset gobo and gobo rotation
		128 ⇔ 131	Auto CTB for gobo on
		132 ⇔ 135	Auto CTB for gobo off
		136 ⇔ 143	Reset prism
		144 ⇔ 151	No function
		152 ⇔ 159	Reset all
		160 ⇔ 167	No function
		168 ⇔ 175	Reset frost
		176 ⇔ 183	Reset zoom
		184 ⇔ 191	Reset CMY+CTO
		192 ⇔ 199	Fan mode ECO
		200 ⇔ 207	Fan mode Full
		208 ⇔ 215	Fan mode Auto
		216 ⇔ 220	Fan mode TV25
		221 ⇔ 225	Fan mode TV35
		226 ⇔ 230	No function
		231 ⇔ 235	Pan/tilt swap on
		236 ⇔ 240	Pan/tilt swap off
		241 ⇔ 245	Minimum Zoom Focus off
		246 ⇔ 250	Minimum Zoom Focus on
		251 ⇔ 255	No function

Gobo Wheels



**Gobo 1
(Rotating)**



**Gobo 2
(Static)**