

# DMX CHART



## Maverick MK3 Spot

### DMX Values

#### Dmx Mode 39 CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Fine Pan	000 ⇔ 255	Fine control (16-bit)
3	Tilt	000 ⇔ 255	0–100%
4	Fine Tilt	000 ⇔ 255	Fine control (16-bit)
5	Pan/Tilt Speed	000 ⇔ 255	0–100%
6	Dimmer	000 ⇔ 255	0–100%
7	Fine Dimmer	000 ⇔ 255	Fine control (16-bit)
8	Strobe	000 ⇔ 003	Closed
		004 ⇔ 007	Open
		008 ⇔ 076	Slow to fast
		077 ⇔ 145	Pulse effect from slow to fast
		146 ⇔ 215	Random effect from slow to fast
		216 ⇔ 255	Closed
9	Virtual Strobe	000 ⇔ 001	No function
		002 ⇔ 128	Shaking strobe, slow to fast
		129 ⇔ 255	Fade in/out, 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 ⇔ 007	Open
		008 ⇔ 015	Red
		016 ⇔ 023	Orange
		024 ⇔ 031	Green
		032 ⇔ 039	Yellow
		040 ⇔ 047	Blue
		048 ⇔ 059	CTB 8000K
		060 ⇔ 187	Split colors
		188 ⇔ 219	Clockwise color scroll, fast to slow
		220 ⇔ 223	Stop
224 ⇔ 255	Counter-clockwise color scroll, slow to fast		
15	Rotating Gobo Wheel 1	000 ⇔ 007	Open
		008 ⇔ 015	Gobo 1 (Sailboats)
		016 ⇔ 023	Gobo 2 (Radial Dot)
		024 ⇔ 031	Gobo 3 (Mower Blade)
		032 ⇔ 039	Gobo 4 (Bolts)
		040 ⇔ 047	Gobo 5 (Shower Glass)
		048 ⇔ 055	Gobo 6 (Ballistic Clouds)
		056 ⇔ 063	Gobo 7 (4 Eyes)
		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 ⇔ 127	Open
		128 ⇔ 191	Clockwise gobo scroll, slow to fast
192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast		
16	Gobo 1 Rotating	000 ⇔ 063	Rotating gobo index
		064 ⇔ 145	Clockwise rotating, fast to slow
		146 ⇔ 151	Stop
		152 ⇔ 231	Counter-clockwise rotating, slow to fast
		232 ⇔ 255	Bounce effect
17	Fine Gobo Wheel 1 Index	000 ⇔ 255	Fine control (16-bit)

Channel	Function	Value	Percent/Setting
18	Static Gobo Wheel 2	000 ⇔ 005	Open
		006 ⇔ 011	Gobo 1 (Beam)
		012 ⇔ 017	Gobo 2 (Bars)
		018 ⇔ 023	Gobo 3 (Circles)
		024 ⇔ 029	Gobo 4 (Breakup)
		030 ⇔ 035	Gobo 5 (Dots)
		036 ⇔ 041	Gobo 6 (Circuits)
		042 ⇔ 047	Gobo 7 (Triangles)
		048 ⇔ 053	Gobo 8 (Forest)
		054 ⇔ 063	Gobo 9 (Rainbows)
		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	Clockwise gobo scroll, slow to fast		
192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast		
19	Rotating Gobo Wheel 3	000 ⇔ 007	Open
		008 ⇔ 015	Gobo 1 (Spiral)
		016 ⇔ 023	Gobo 2 (Abstracts)
		024 ⇔ 031	Gobo 3 (Brick Wall)
		032 ⇔ 039	Gobo 4 (Chess)
		040 ⇔ 047	Gobo 5 (Granny Sue)
		048 ⇔ 055	Gobo 6 (Color Weave)
		056 ⇔ 063	Gobo 7 (Indigo Square Breakup)
		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 ⇔ 127	Open
		128 ⇔ 191	Clockwise gobo scroll, slow to fast
192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast		
20	Gobo 3 Rotating	000 ⇔ 063	Rotating gobo index
		064 ⇔ 145	Clockwise rotating, fast to slow
		146 ⇔ 151	Stop
		152 ⇔ 231	Counter-clockwise rotating, slow to fast
		232 ⇔ 255	Bounce effect
21	Fine Gobo Wheel 3 Index	000 ⇔ 255	Fine control (16-bit)
22	Animation Wheel	000 ⇔ 255	Animation effect
23	Animation Wheel Rotating	000 ⇔ 124	Clockwise rotating, fast to slow
		125 ⇔ 130	Stop
		131 ⇔ 255	Counter-clockwise rotating, slow to fast
24	Focus	000 ⇔ 255	0–100%
25	Fine Focus	000 ⇔ 255	Fine control (16-bit)
26	Auto Focus	000 ⇔ 010	No function
		011 ⇔ 030	0–5 m
		031 ⇔ 050	6 m
		051 ⇔ 070	7 m
		071 ⇔ 090	8 m
		091 ⇔ 110	9 m
		111 ⇔ 130	10 m
		131 ⇔ 150	12.5 m
		151 ⇔ 170	15 m
		171 ⇔ 190	17.5 m
		191 ⇔ 210	20–60 m
211 ⇔ 255	Auto-detect distance		

## DMX CHART



### Maverick MK3 Spot

Channel	Function	Value	Percent/Setting
27	Zoom	000 ⇄ 255	0–100%
28	Fine Zoom	000 ⇄ 255	Fine control (16-bit)
29	Prism	000 ⇄ 004	No function
		005 ⇄ 255	Prism Effect
30	Prism Rotating	000 ⇄ 127	Rotating position
		128 ⇄ 189	Clockwise rotating, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Counter-clockwise rotating, slow to fast
31	Prism 2	000 ⇄ 004	No function
		005 ⇄ 255	Prism Effect
32	Prism Rotating 2	000 ⇄ 127	Rotating position
		128 ⇄ 189	Clockwise rotating, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Counter-clockwise rotating, slow to fast
33	Iris	000 ⇄ 063	0–100%
		064 ⇄ 127	Auto change, slow to fast
		128 ⇄ 191	Slow zoom out, fast zoom in (slow to fast)
		192 ⇄ 255	Slow zoom in, fast zoom out (slow to fast)
34	Frost 1	000 ⇄ 255	0–100%
35	Frost 2	000 ⇄ 255	0–100%
36	CRI Filter	000 ⇄ 004	No function
		005 ⇄ 255	CRI filter
37	CMY Macro	000 ⇄ 009	No function
		010 ⇄ 255	CMY macro
38	CMY Macro Speed	000 ⇄ 255	100%–0
39	Control	000 ⇄ 007	No function
		008 ⇄ 015	Pan/tilt blackout
		016 ⇄ 023	Color blackout
		024 ⇄ 031	Gobo blackout
		032 ⇄ 039	Pan/tilt/color blackout
		040 ⇄ 047	Pan/tilt/gobo blackout
		048 ⇄ 055	Pan/tilt/color/gobo blackout
		056 ⇄ 095	No function
		096 ⇄ 103	Pan reset
		104 ⇄ 111	Tilt reset
		112 ⇄ 119	Color reset
		120 ⇄ 127	Gobo reset
		128 ⇄ 135	No function
		136 ⇄ 143	Prism reset
		144 ⇄ 151	No function
		152 ⇄ 159	All reset
		160 ⇄ 167	Iris reset
		168 ⇄ 175	Frost reset
		176 ⇄ 183	Zoom reset
		184 ⇄ 191	CMY reset
		192 ⇄ 199	Fan low speed (eco)
		200 ⇄ 207	Fan full speed
		208 ⇄ 215	Fan auto
		216 ⇄ 220	No function
		221 ⇄ 225	Iris fast mode
		226 ⇄ 230	Iris smooth mode
		231 ⇄ 235	Pan/tilt swap on
		236 ⇄ 240	Pan/tilt swap off
241 ⇄ 245	No function		
246 ⇄ 250	Pan/tilt smooth mode		
251 ⇄ 255	Pan/tilt fast mode		

### Dmx Mode 31 CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Fine Pan	000 ⇔ 255	Fine control (16-bit)
3	Tilt	000 ⇔ 255	0–100%
4	Fine Tilt	000 ⇔ 255	Fine control (16-bit)
5	Pan/Tilt Speed	000 ⇔ 255	0–100%
6	Dimmer	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 003	Closed
		004 ⇔ 007	Open
		008 ⇔ 076	Slow to fast
		077 ⇔ 145	Pulse effect from slow to fast
		146 ⇔ 215	Random effect from slow to fast
		216 ⇔ 255	Closed
8	Virtual Strobe	000 ⇔ 001	No function
		002 ⇔ 128	Shaking strobe, slow to fast
		129 ⇔ 255	Fade in/out, 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 ⇔ 007	Open
		008 ⇔ 015	Red
		016 ⇔ 023	Orange
		024 ⇔ 031	Green
		032 ⇔ 039	Yellow
		040 ⇔ 047	Blue
		048 ⇔ 059	CTB 8000K
		060 ⇔ 187	Split colors
		188 ⇔ 219	Clockwise color scroll, fast to slow
		220 ⇔ 223	Stop
224 ⇔ 255	Counter-clockwise color scroll, slow to fast		
14	Rotating Gobo Wheel 1	000 ⇔ 007	Open
		008 ⇔ 015	Gobo 1 (Sailboats)
		016 ⇔ 023	Gobo 2 (Radial Dot)
		024 ⇔ 031	Gobo 3 (Mower Blade)
		032 ⇔ 039	Gobo 4 (Bolts)
		040 ⇔ 047	Gobo 5 (Shower Glass)
		048 ⇔ 055	Gobo 6 (Ballistic Clouds)
		056 ⇔ 063	Gobo 7 (4 Eyes)
		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 ⇔ 127	Open
128 ⇔ 191	Clockwise gobo scroll, slow to fast		
192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast		
15	Gobo 1 Rotating	000 ⇔ 063	Rotating gobo index
		064 ⇔ 145	Clockwise rotating, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Counter-clockwise rotating, slow to fast
		232 ⇔ 255	Bounce effect

# DMX CHART



## Maverick MK3 Spot

Channel	Function	Value	Percent/Setting
16	Static Gobo Wheel 2	000 ⇄ 005	Open
		006 ⇄ 011	Gobo 1 (Beam)
		012 ⇄ 017	Gobo 2 (Bars)
		018 ⇄ 023	Gobo 3 (Circles)
		024 ⇄ 029	Gobo 4 (Breakup)
		030 ⇄ 035	Gobo 5 (Dots)
		036 ⇄ 041	Gobo 6 (Circuits)
		042 ⇄ 047	Gobo 7 (Triangles)
		048 ⇄ 053	Gobo 8 (Forest)
		054 ⇄ 063	Gobo 9 (Rainbows)
		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	Clockwise gobo scroll, slow to fast		
192 ⇄ 255	Counter-clockwise gobo scroll, slow to fast		
17	Rotating Gobo Wheel 3	000 ⇄ 007	Open
		008 ⇄ 015	Gobo 1 (Spiral)
		016 ⇄ 023	Gobo 2 (Abstracts)
		024 ⇄ 031	Gobo 3 (Brick Wall)
		032 ⇄ 039	Gobo 4 (Chess)
		040 ⇄ 047	Gobo 5 (Granny Sue)
		048 ⇄ 055	Gobo 6 (Color Weave)
		056 ⇄ 063	Gobo 7 (Indigo Square Breakup)
		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 ⇄ 127	Open
		128 ⇄ 191	Clockwise gobo scroll, slow to fast
192 ⇄ 255	Counter-clockwise gobo scroll, slow to fast		
18	Gobo 3 Rotating	000 ⇄ 063	Rotating gobo index
		064 ⇄ 145	Clockwise rotating, fast to slow
		146 ⇄ 149	Stop
		150 ⇄ 231	Counter-clockwise rotating, slow to fast
		232 ⇄ 255	Bounce effect
19	Animation Wheel	000 ⇄ 255	Animation effect
20	Animation Wheel Rotating	000 ⇄ 124	Clockwise rotating, fast to slow
		125 ⇄ 130	Stop
		131 ⇄ 255	Counter-clockwise rotating, slow to fast
21	Focus	000 ⇄ 255	0–100%
22	Zoom	000 ⇄ 255	0–100%
23	Prism	000 ⇄ 004	No function
		005 ⇄ 255	Prism Effect
24	Prism Rotating	000 ⇄ 127	Rotating position
		128 ⇄ 189	Clockwise rotating, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Counter-clockwise rotating, slow to fast
25	Prism 2	000 ⇄ 004	No function
		005 ⇄ 255	Prism Effect
26	Prism Rotating 2	000 ⇄ 127	Rotating position
		128 ⇄ 189	Clockwise rotating, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Counter-clockwise rotating, slow to fast

Channel	Function	Value	Percent/Setting
27	Iris	000 ⇔ 063	0–100%
		064 ⇔ 127	Auto change, slow to fast
		128 ⇔ 191	Slow zoom out, fast zoom in (slow to fast)
		192 ⇔ 255	Slow zoom in, fast zoom out (slow to fast)
28	Frost 1	000 ⇔ 255	0–100%
29	Frost 2	000 ⇔ 255	0–100%
30	CRI Filter	000 ⇔ 004	No function
		005 ⇔ 255	CRI filter
31	Control	000 ⇔ 007	No function
		008 ⇔ 015	Pan/tilt blackout
		016 ⇔ 023	Color blackout
		024 ⇔ 031	Gobo blackout
		032 ⇔ 039	Pan/tilt/color blackout
		040 ⇔ 047	Pan/tilt/gobo blackout
		048 ⇔ 055	Pan/tilt/color/gobo blackout
		056 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 119	Color reset
		120 ⇔ 127	Gobo reset
		128 ⇔ 135	No function
		136 ⇔ 143	Prism reset
		144 ⇔ 151	No function
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 175	Frost reset
		176 ⇔ 183	Zoom reset
		184 ⇔ 191	CMY reset
		192 ⇔ 199	Fan low speed (eco)
		200 ⇔ 207	Fan full speed
		208 ⇔ 215	Fan auto
		216 ⇔ 220	No function
		221 ⇔ 225	Iris fast mode
		226 ⇔ 230	Iris smooth mode
		231 ⇔ 235	Pan/tilt swap on
		236 ⇔ 240	Pan/tilt swap off
241 ⇔ 245	No function		
246 ⇔ 250	Pan/tilt smooth mode		
251 ⇔ 255	Pan/tilt fast mode		