

# DMX CHART



## Maverick Force 3 Profile

### DMX Values

#### Dmx Mode 53 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	Fast to slow
6	Dimmer	000 ⇔ 255	0–100%
7	Fine dimmer	000 ⇔ 255	Fine control (16-bit)
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
9	Virtual strobe	216 ⇔ 255	On
		000 ⇔ 001	No function
		002 ⇔ 128	Shaking strobe, slow to fast
		129 ⇔ 255	Fading shake, slow to fast
0	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	Color 1 (red)
		016 ⇔ 023	Color 2 (yellow)
		024 ⇔ 031	Color 3 (green)
		032 ⇔ 039	Color 4 (blue)
		040 ⇔ 047	Color 5 (CTO)
		048 ⇔ 059	Color 6 (CTB)
		060 ⇔ 187	Color wheel indexing
		188 ⇔ 219	Color scroll, fast to slow
		220 ⇔ 223	Stop
		224 ⇔ 255	Reverse color scroll, slow to fast

Channel	Function	Value	Percent/Setting
15	Gobo wheel 1 (see <a href="#">Gobo Wheels</a> )	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, fast to slow		
192 ⇔ 255	Reverse gobo scroll, slow to fast		
16	Gobo 1 rotation	000 ⇔ 063	Gobo indexing
		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	Gobo 1 fine indexing	000 ⇔ 255	Gobo fine indexing
18	Gobo wheel 2 (see <a href="#">Gobo Wheels</a> )	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, slow to fast
		070 ⇔ 075	Gobo 8 shaking, slow to fast
		076 ⇔ 081	Gobo 7 shaking, slow to fast
		082 ⇔ 087	Gobo 6 shaking, slow to fast
		088 ⇔ 093	Gobo 5 shaking, slow to fast
		094 ⇔ 099	Gobo 4 shaking, slow to fast
		100 ⇔ 105	Gobo 3 shaking, slow to fast
		106 ⇔ 111	Gobo 2 shaking, slow to fast
		112 ⇔ 117	Gobo 1 shaking, slow to fast
118 ⇔ 127	Open		
128 ⇔ 191	Gobo scroll, fast to slow		
192 ⇔ 255	Reverse gobo scroll, slow to fast		
19	Animation wheel	000 ⇔ 255	0–100%
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	Blade 1-1	000 ⇔ 255	0–100%
22	Blade 1-1 fine	000 ⇔ 255	Fine control (16-bit)
23	Blade 1-2	000 ⇔ 255	0–100%
24	Blade 1-2 fine	000 ⇔ 255	Fine control (16-bit)
25	Blade 2-1	000 ⇔ 255	0–100%
26	Blade 2-1 fine	000 ⇔ 255	Fine control (16-bit)
27	Blade 2-2	000 ⇔ 255	0–100%
28	Blade 2-2 fine	000 ⇔ 255	Fine control (16-bit)
29	Blade 3-1	000 ⇔ 255	0–100%
30	Blade 3-1 fine	000 ⇔ 255	Fine control (16-bit)
31	Blade 3-2	000 ⇔ 255	0–100%
32	Blade 3-2 fine	000 ⇔ 255	Fine control (16-bit)
33	Blade 4-1	000 ⇔ 255	0–100%
34	Blade 4-1 fine	000 ⇔ 255	Fine control (16-bit)
35	Blade 4-2	000 ⇔ 255	0–100%
36	Blade 4-2 fine	000 ⇔ 255	Fine control (16-bit)
37	Frame rotation	000 ⇔ 255	0–100%
38	Fine frame rotation	000 ⇔ 255	Fine control (16-bit)
39	Focus	000 ⇔ 255	0–100%
40	Fine focus	000 ⇔ 255	Fine control (16-bit)
41	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		
42	Zoom	000 ⇔ 255	0–100%
43	Fine Zoom	000 ⇔ 255	Fine control (16-bit)
44	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism insert
45	Prism rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Reverse prism rotation, slow to fast
46	Prism 2	000 ⇔ 004	No function
		005 ⇔ 255	Prism insert
47	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
48	Iris	000 ⇔ 063	Big to small
		064 ⇔ 127	Auto change, slow to fast
		128 ⇔ 191	Slow open, fast close (slow to fast)
		192 ⇔ 255	Slow close, fast open (slow to fast)

Channel	Function	Value	Percent/Setting
49	Frost	000 ⇄ 255	0–100%
50	Frost 2	000 ⇄ 255	0–100%
51	CMY Macro	000 ⇄ 009 010 ⇄ 255	No function CMY macro
52	CMY Macro Speed	000 ⇄ 255	CMY macro speed, fast to slow
53	Control (3 second hold)	000 ⇄ 007	No function
		008 ⇄ 015	Blackout on pan/tilt
		016 ⇄ 023	Blackout on color wheel movement
		024 ⇄ 031	Blackout on gobo wheel movement
		032 ⇄ 039	Blackout on pan/tilt/color wheel
		040 ⇄ 047	Blackout on pan/tilt/gobo wheel
		048 ⇄ 055	Blackout on pan/tilt/color/gobo wheel
		056 ⇄ 059	Pulse width modulation 600 Hz
		060 ⇄ 063	Pulse width modulation 1200 Hz
		064 ⇄ 067	Pulse width modulation 2000 Hz
		068 ⇄ 071	Pulse width modulation 4000 Hz
		072 ⇄ 075	Pulse width modulation 6000 Hz
		076 ⇄ 079	Pulse width modulation 15000 Hz
		080 ⇄ 095	No function
		096 ⇄ 103	Reset pan
		104 ⇄ 111	Reset tilt
		112 ⇄ 119	Reset color wheel
		120 ⇄ 127	Reset gobo wheels
		128 ⇄ 131	Gobo wheel CTB on
		132 ⇄ 135	Gobo wheel CTB off
		136 ⇄ 143	Reset prism
		144 ⇄ 151	Reset framing blades
		152 ⇄ 159	Reset all
		160 ⇄ 167	Reset iris
		168 ⇄ 175	Reset frost and animation
		176 ⇄ 183	Reset zoom
		184 ⇄ 191	Reset CMY and 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	Swap XY on		
236 ⇄ 240	Swap XY off		
241 ⇄ 255	No function		

# DMX CHART



## Maverick Force 3 Profile

### Dmx Mode 37 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	Fast to slow
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 strobe, slow to fast
		129 ⇔ 255	Fading shake, 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	Color 1 (red)
		016 ⇔ 023	Color 2 (yellow)
		024 ⇔ 031	Color 3 (green)
		032 ⇔ 039	Color 4 (blue)
		040 ⇔ 047	Color 5 (CTO)
		048 ⇔ 059	Color 6 (CTB)
		060 ⇔ 187	Color wheel indexing
		188 ⇔ 219	Color scroll, fast to slow
		220 ⇔ 223	Stop
224 ⇔ 255	Reverse color scroll, slow to fast		
14	Gobo wheel 1 (see <a href="#">Gobo Wheels</a> )	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, fast to slow
192 ⇔ 255	Reverse gobo scroll, slow to fast		

Channel	Function	Value	Percent/Setting
15	Gobo 1 rotation	000 ⇔ 063	Gobo indexing
		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	Gobo wheel 2 (see <a href="#">Gobo Wheels</a> )	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, slow to fast
		070 ⇔ 075	Gobo 8 shaking, slow to fast
		076 ⇔ 081	Gobo 7 shaking, slow to fast
		082 ⇔ 087	Gobo 6 shaking, slow to fast
		088 ⇔ 093	Gobo 5 shaking, slow to fast
		094 ⇔ 099	Gobo 4 shaking, slow to fast
		100 ⇔ 105	Gobo 3 shaking, slow to fast
		106 ⇔ 111	Gobo 2 shaking, slow to fast
		112 ⇔ 117	Gobo 1 shaking, slow to fast
118 ⇔ 127	Open		
128 ⇔ 191	Gobo scroll, fast to slow		
192 ⇔ 255	Reverse gobo scroll, slow to fast		
17	Animation wheel	000 ⇔ 255	0–100%
18	Animation rotation	000 ⇔ 124	Animation rotation, fast to slow
		125 ⇔ 130	Stop
		131 ⇔ 255	Reverse animation rotation, slow to fast
19	Blade 1-1	000 ⇔ 255	0–100%
20	Blade 1-2	000 ⇔ 255	0–100%
21	Blade 2-1	000 ⇔ 255	0–100%
22	Blade 2-2	000 ⇔ 255	0–100%
23	Blade 3-1	000 ⇔ 255	0–100%
24	Blade 3-2	000 ⇔ 255	0–100%
25	Blade 4-1	000 ⇔ 255	0–100%
26	Blade 4-2	000 ⇔ 255	0–100%
27	Frame rotation	000 ⇔ 255	0–100%
28	Focus	000 ⇔ 255	0–100%
29	Zoom	000 ⇔ 255	0–100%
30	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism insert
31	Prism rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Reverse prism rotation, slow to fast
32	Prism 2	000 ⇔ 004	No function
		005 ⇔ 255	Prism insert

## DMX CHART

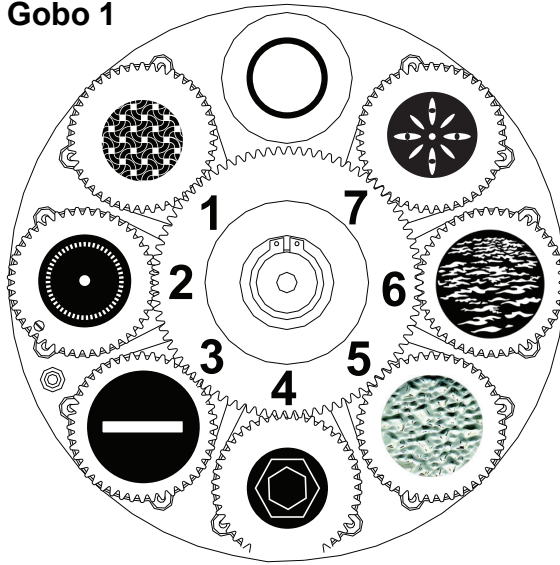


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Channel	Function	Value	Percent/Setting
33	Prism 2 rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Reverse prism rotation, slow to fast
34	Iris	000 ⇔ 063	Big to small
		064 ⇔ 127	Auto change, slow to fast
		128 ⇔ 191	Slow open, fast close (slow to fast)
		192 ⇔ 255	Slow close, fast open (slow to fast)
35	Frost	000 ⇔ 255	0–100%
36	Frost 2	000 ⇔ 255	0–100%
37	Control (3 second hold)	000 ⇔ 007	No function
		008 ⇔ 015	Blackout on pan/tilt
		016 ⇔ 023	Blackout on color wheel movement
		024 ⇔ 031	Blackout on gobo wheel movement
		032 ⇔ 039	Blackout on pan/tilt/color wheel
		040 ⇔ 047	Blackout on pan/tilt/gobo wheel
		048 ⇔ 055	Blackout on pan/tilt/color/gobo wheel
		056 ⇔ 059	Pulse width modulation 600 Hz
		060 ⇔ 063	Pulse width modulation 1200 Hz
		064 ⇔ 067	Pulse width modulation 2000 Hz
		068 ⇔ 071	Pulse width modulation 4000 Hz
		072 ⇔ 075	Pulse width modulation 6000 Hz
		076 ⇔ 079	Pulse width modulation 15000 Hz
		080 ⇔ 095	No function
		096 ⇔ 103	Reset pan
		104 ⇔ 111	Reset tilt
		112 ⇔ 119	Reset color wheel
		120 ⇔ 127	Reset gobo wheels
		128 ⇔ 131	Gobo wheel CTB on
		132 ⇔ 135	Gobo wheel CTB off
		136 ⇔ 143	Reset prism
		144 ⇔ 151	Reset framing blades
		152 ⇔ 159	Reset all
		160 ⇔ 167	Reset iris
		168 ⇔ 175	Reset frost and animation
		176 ⇔ 183	Reset zoom
		184 ⇔ 191	Reset CMY and 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	Swap XY on		
236 ⇔ 240	Swap XY off		
241 ⇔ 255	No function		

Gobo Wheels

Gobo 1



Gobo 2

