

QUICK REFERENCE GUIDE



Maverick Storm 4 Profile

DMX Values

55CH

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 shaking	216 ⇔ 255	On
		000 ⇔ 001	No function
		002 ⇔ 128	Shaking effect, slow to fast
		129 ⇔ 255	Fade effect, 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	Color 1
		016 ⇔ 023	Color 2
		024 ⇔ 031	Color 3
		032 ⇔ 039	Color 4
		040 ⇔ 047	Color 5
		048 ⇔ 059	Color 6
		060 ⇔ 187	Color wheel indexing
		188 ⇔ 219	Color scroll, fast to slow
		220 ⇔ 223	Stop
224 ⇔ 255	Reverse color scroll, slow to fast		
15	Gobo wheel 1 (see Gobo Wheels)	001 ⇔ 007	Open
		008 ⇔ 015	Gobo 1 (Dots)
		016 ⇔ 023	Gobo 2 (Paperclip Party)
		024 ⇔ 031	Gobo 3 (Orbital)
		032 ⇔ 039	Gobo 4 (Dirty Dirt)
		040 ⇔ 047	Gobo 5 (Box Cutter)
		048 ⇔ 063	Gobo 6 (Crazy Turns)
		064 ⇔ 071	Gobo 6 shaking, slow to fast
		072 ⇔ 079	Gobo 5 shaking, slow to fast
		080 ⇔ 087	Gobo 4 shaking, slow to fast
		088 ⇔ 095	Gobo 3 shaking, slow to fast
		096 ⇔ 103	Gobo 2 shaking, slow to fast
		104 ⇔ 111	Gobo 1 shaking, slow to fast
		112 ⇔ 127	Open
		128 ⇔ 191	Gobo scroll, slow to fast
		192 ⇔ 255	Reverse gobo scroll, slow to fast

Channel	Function	Value	Percent/Setting
16	Gobo wheel 1 rotate	000 ⇔ 063	Gobo index
		064 ⇔ 145	Rotation, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Reverse rotation, slow to fast
		232 ⇔ 255	Alternating clockwise/counterclockwise rotation, short to long
17	Gobo 1 fine rotate	000 ⇔ 255	Fine control (16-bit)
18	Gobo wheel 2 (see Gobo Wheels)	001 ⇔ 007	Open
		008 ⇔ 015	Gobo 1 (Pipes & Poles)
		016 ⇔ 023	Gobo 2 (Cookie Cutter)
		024 ⇔ 031	Gobo 3 (This Way)
		032 ⇔ 039	Gobo 4 (Fast Moves)
		040 ⇔ 047	Gobo 5 (Laser Rays)
		048 ⇔ 063	Gobo 6 (Limbo)
		064 ⇔ 071	Gobo 6 shaking, slow to fast
		072 ⇔ 079	Gobo 5 shaking, slow to fast
		080 ⇔ 087	Gobo 4 shaking, slow to fast
		088 ⇔ 095	Gobo 3 shaking, slow to fast
		096 ⇔ 103	Gobo 2 shaking, slow to fast
		104 ⇔ 111	Gobo 1 shaking, slow to fast
		112 ⇔ 127	Open
		128 ⇔ 191	Gobo scroll, slow to fast
192 ⇔ 255	Reverse gobo scroll, slow to fast		
19	Gobo wheel 2 rotate	000 ⇔ 063	Gobo index
		064 ⇔ 145	Rotation, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Reverse rotation, slow to fast
		232 ⇔ 255	Alternating clockwise/counterclockwise rotation, short to long
20	Gobo 2 fine rotate	000 ⇔ 255	Fine control (16-bit)
21	Animation wheel	000 ⇔ 255	0–100%
22	Animation wheel rotate	000 ⇔ 124	Rotation, fast to slow
		125 ⇔ 130	Stop
		131 ⇔ 255	Reverse rotation, slow to fast
23	Blade 1-1	000 ⇔ 255	0–100%
24	Fine blade 1-1	000 ⇔ 255	Fine control (16-bit)
25	Blade 1-2	000 ⇔ 255	0–100%
26	Fine blade 1-2	000 ⇔ 255	Fine control (16-bit)
27	Blade 2-1	000 ⇔ 255	0–100%
28	Fine blade 2-1	000 ⇔ 255	Fine control (16-bit)
29	Blade 2-2	000 ⇔ 255	0–100%
30	Fine blade 2-2	000 ⇔ 255	Fine control (16-bit)
31	Blade 3-1	000 ⇔ 255	0–100%
32	Fine blade 3-1	000 ⇔ 255	Fine control (16-bit)
33	Blade 3-2	000 ⇔ 255	0–100%
34	Fine blade 3-2	000 ⇔ 255	Fine control (16-bit)
35	Blade 4-1	000 ⇔ 255	0–100%
36	Fine blade 4-1	000 ⇔ 255	Fine control (16-bit)
37	Blade 4-2	000 ⇔ 255	0–100%
38	Fine blade 4-2	000 ⇔ 255	Fine control (16-bit)
39	Blade rotation	000 ⇔ 255	0–100%
40	Fine blade rotation	000 ⇔ 255	Fine control (16-bit)
41	Focus	000 ⇔ 255	0–100%
42	Fine focus	000 ⇔ 255	Fine control (16-bit)

QUICK REFERENCE GUIDE



Maverick Storm 4 Profile

Channel	Function	Value	Percent/Setting
43	Auto focus	000 ⇔ 010	No function
		011 ⇔ 030	0-5 meters
		031 ⇔ 050	6 meters
		051 ⇔ 070	7 meters
		071 ⇔ 090	8 meters
		091 ⇔ 110	9 meters
		111 ⇔ 130	10 meters
		131 ⇔ 150	12.5 meters
		151 ⇔ 170	15 meters
		171 ⇔ 190	17.5 meters
		191 ⇔ 210	20-60 meters
		211 ⇔ 255	Auto detect distance
44	Zoom	000 ⇔ 255	0–100%
45	Fine zoom	000 ⇔ 255	Fine control (16-bit)
46	Prism 1	000 ⇔ 004	No function
		005 ⇔ 255	Prism insert
47	Prism 1 rotate	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise rotation, slow to fast
48	Prism 2	000 ⇔ 004	No function
		005 ⇔ 255	Prism insert
49	Prism 2 rotate	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise rotation, slow to fast
50	Iris	000 ⇔ 063	Big to small
		064 ⇔ 127	Auto change, slow to fast
		128 ⇔ 191	Slow open, fast close, slow to fast
		192 ⇔ 255	Fast open, slow close, slow to fast
51	Frost 1	000 ⇔ 255	0–100%
52	Frost 2	000 ⇔ 255	0–100%
53	CMY macro	000 ⇔ 009	No function
		010 ⇔ 255	CMY macro
54	CMY macro speed	000 ⇔ 255	Fast to slow

Channel	Function	Value	Percent/Setting
55	Control (3 second hold)	000 ⇔ 007	No function
		008 ⇔ 015	Blackout during pan/tilt
		016 ⇔ 023	Blackout while color wheel is moving
		024 ⇔ 031	Blackout while gobo wheels are moving
		032 ⇔ 039	Blackout during pan/tilt/color wheel
		040 ⇔ 047	Blackout during pan/tilt/gobo wheels
		048 ⇔ 055	Blackout during pan/tilt/color wheel/gobo wheels
		056	No function
		057	600 Hz PWM
		058	1200 Hz PWM
		059	2000 Hz PWM
		060	4000 Hz PWM
		061	6000 Hz PWM
		062	15000 Hz PWM
		063	No function
		064	Linear dimmer curve
		065	Square dimmer curve
		066	Inverse square dimmer curve
		067	S-curve dimmer curve
		068	Linear 2 dimmer curve
		069 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 119	Color wheel reset
		120 ⇔ 127	Gobo wheels reset
		128 ⇔ 135	No function
		136 ⇔ 143	Prism reset
		144 ⇔ 151	Blades reset
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 175	Frost/animation wheel reset
		176 ⇔ 183	Zoom reset
		184 ⇔ 191	CMY/CTO reset
		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	Min Zoom Focus off		
246 ⇔ 250	Min Zoom Focus on		
251 ⇔ 255	No function		

QUICK REFERENCE GUIDE



Maverick Storm 4 Profile

38CH

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
8	Virtual shaking	216 ⇔ 255	On
		000 ⇔ 001	No function
		002 ⇔ 128	Shaking effect, slow to fast
		129 ⇔ 255	Fade effect, 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
		016 ⇔ 023	Color 2
		024 ⇔ 031	Color 3
		032 ⇔ 039	Color 4
		040 ⇔ 047	Color 5
		048 ⇔ 059	Color 6
		060 ⇔ 187	Color wheel indexing
		188 ⇔ 219	Color scroll, fast to slow
14	Gobo wheel 1 (see Gobo Wheels)	220 ⇔ 223	Stop
		224 ⇔ 255	Reverse color scroll, slow to fast
		001 ⇔ 007	Open
		008 ⇔ 015	Gobo 1 (Dots)
		016 ⇔ 023	Gobo 2 (Paperclip Party)
		024 ⇔ 031	Gobo 3 (Orbital)
		032 ⇔ 039	Gobo 4 (Dirty Dirt)
		040 ⇔ 047	Gobo 5 (Box Cutter)
		048 ⇔ 063	Gobo 6 (Crazy Turns)
		064 ⇔ 071	Gobo 6 shaking, slow to fast
		072 ⇔ 079	Gobo 5 shaking, slow to fast
		080 ⇔ 087	Gobo 4 shaking, slow to fast
		088 ⇔ 095	Gobo 3 shaking, slow to fast
		096 ⇔ 103	Gobo 2 shaking, slow to fast
		104 ⇔ 111	Gobo 1 shaking, slow to fast
		112 ⇔ 127	Open
		128 ⇔ 191	Gobo scroll, slow to fast
		192 ⇔ 255	Reverse gobo scroll, slow to fast
15	Gobo wheel 1 rotate	000 ⇔ 063	Gobo index
		064 ⇔ 145	Rotation, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Reverse rotation, slow to fast
		232 ⇔ 255	Alternating clockwise/counterclockwise rotation, short to long

Channel	Function	Value	Percent/Setting
16	Gobo wheel 2 (see Gobo Wheels)	001 ⇄ 007	Open
		008 ⇄ 015	Gobo 1 (Pipes & Poles)
		016 ⇄ 023	Gobo 2 (Cookie Cutter)
		024 ⇄ 031	Gobo 3 (This Way)
		032 ⇄ 039	Gobo 4 (Fast Moves)
		040 ⇄ 047	Gobo 5 (Laser Rays)
		048 ⇄ 063	Gobo 6 (Limbo)
		064 ⇄ 071	Gobo 6 shaking, slow to fast
		072 ⇄ 079	Gobo 5 shaking, slow to fast
		080 ⇄ 087	Gobo 4 shaking, slow to fast
		088 ⇄ 095	Gobo 3 shaking, slow to fast
		096 ⇄ 103	Gobo 2 shaking, slow to fast
		104 ⇄ 111	Gobo 1 shaking, slow to fast
		112 ⇄ 127	Open
		128 ⇄ 191	Gobo scroll, slow to fast
192 ⇄ 255	Reverse gobo scroll, slow to fast		
17	Gobo wheel 2 rotate	000 ⇄ 063	Gobo index
		064 ⇄ 145	Rotation, fast to slow
		146 ⇄ 149	Stop
		150 ⇄ 231	Reverse rotation, slow to fast
		232 ⇄ 255	Alternating clockwise/counterclockwise rotation, short to long
18	Animation wheel	000 ⇄ 255	0–100%
19	Animation wheel rotate	000 ⇄ 124	Rotation, fast to slow
		125 ⇄ 130	Stop
		131 ⇄ 255	Reverse rotation, slow to fast
20	Blade 1-1	000 ⇄ 255	0–100%
21	Blade 1-2	000 ⇄ 255	0–100%
22	Blade 2-1	000 ⇄ 255	0–100%
23	Blade 2-2	000 ⇄ 255	0–100%
24	Blade 3-1	000 ⇄ 255	0–100%
25	Blade 3-2	000 ⇄ 255	0–100%
26	Blade 4-1	000 ⇄ 255	0–100%
27	Blade 4-2	000 ⇄ 255	0–100%
28	Blade rotation	000 ⇄ 255	0–100%
29	Focus	000 ⇄ 255	0–100%
30	Zoom	000 ⇄ 255	0–100%
31	Prism 1	000 ⇄ 004	No function
		005 ⇄ 255	Prism insert
32	Prism 1 rotate	000 ⇄ 127	Prism index
		128 ⇄ 189	Clockwise rotation, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Counterclockwise rotation, slow to fast
33	Prism 2	000 ⇄ 004	No function
		005 ⇄ 255	Prism insert
34	Prism 2 rotate	000 ⇄ 127	Prism index
		128 ⇄ 189	Clockwise rotation, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Counterclockwise rotation, slow to fast
35	Iris	000 ⇄ 063	Big to small
		064 ⇄ 127	Auto change, slow to fast
		128 ⇄ 191	Slow open, fast close, slow to fast
		192 ⇄ 255	Fast open, slow close, slow to fast

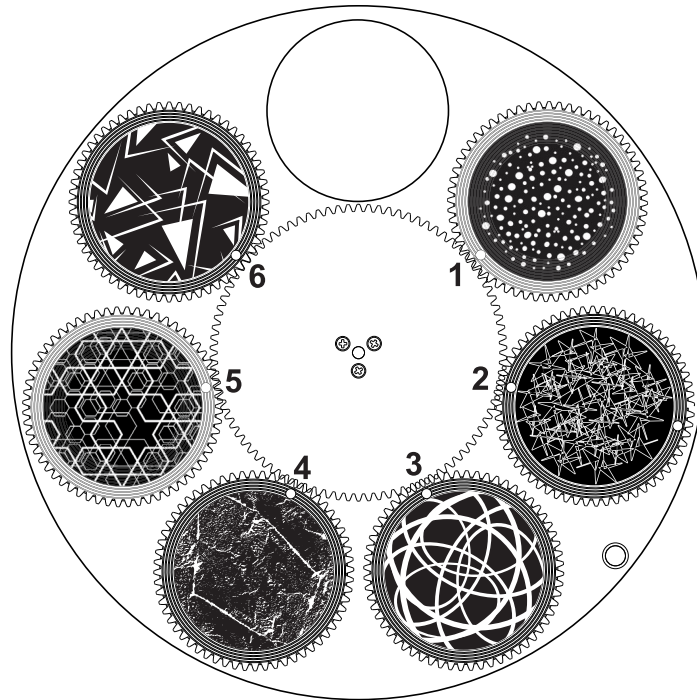
QUICK REFERENCE GUIDE



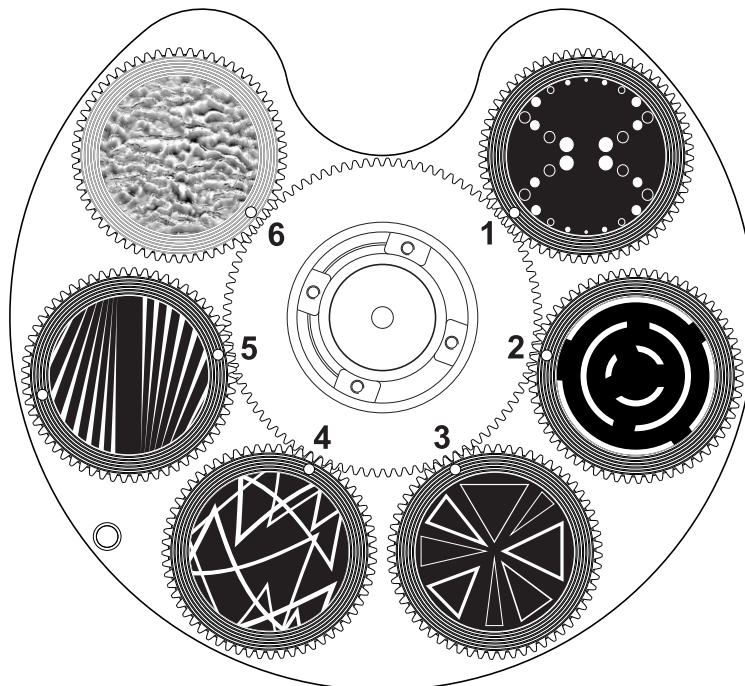
Maverick Storm 4 Profile

Channel	Function	Value	Percent/Setting
36	Frost 1	000 ⇔ 255	0–100%
37	Frost 2	000 ⇔ 255	0–100%
38	Control (3 second hold)	000 ⇔ 007	No function
		008 ⇔ 015	Blackout during pan/tilt
		016 ⇔ 023	Blackout while color wheel is moving
		024 ⇔ 031	Blackout while gobo wheels are moving
		032 ⇔ 039	Blackout during pan/tilt/color wheel
		040 ⇔ 047	Blackout during pan/tilt/gobo wheels
		048 ⇔ 055	Blackout during pan/tilt/color wheel/gobo wheels
		056	No function
		057	600 Hz PWM
		058	1200 Hz PWM
		059	2000 Hz PWM
		060	4000 Hz PWM
		061	6000 Hz PWM
		062	15000 Hz PWM
		063	No function
		064	Linear dimmer curve
		065	Square dimmer curve
		066	Inverse square dimmer curve
		067	S-curve dimmer curve
		068	Linear 2 dimmer curve
		069 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 119	Color wheel reset
		120 ⇔ 127	Gobo wheels reset
		128 ⇔ 135	No function
		136 ⇔ 143	Prism reset
		144 ⇔ 151	Blades reset
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 175	Frost/animation wheel reset
		176 ⇔ 183	Zoom reset
		184 ⇔ 191	CMY/CTO reset
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	Min Zoom Focus off		
246 ⇔ 250	Min Zoom Focus on		
251 ⇔ 255	No function		

Gobo Wheels



Gobo wheel 1



Gobo wheel 2