

QUICK REFERENCE GUIDE



Maverick Storm 2 Profile

DMX Values

48CH

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 ⇔ 006	Open
		007 ⇔ 013	Color 1
		014 ⇔ 020	Color 2
		021 ⇔ 027	Color 3
		028 ⇔ 034	Color 4
		035 ⇔ 041	Color 5
		042 ⇔ 048	Color 6
		049 ⇔ 059	Color 7
		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 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 ⇔ 055	Gobo 6 (Limbo)
		056 ⇔ 063	Gobo 7 (Fractured Mycelium)
		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 wheel 1 rotate	000 ⇔ 063	Gobo index
		064 ⇔ 145	Clockwise rotation, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Counterclockwise 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 ⇔ 005	Open
		006 ⇔ 011	Gobo 1 (Existing Dots)
		012 ⇔ 017	Gobo 2 (Paperclip Party)
		018 ⇔ 023	Gobo 3 (Orbital)
		024 ⇔ 029	Gobo 4 (Dirty Dirt)
		030 ⇔ 035	Gobo 5 (Box Cutter)
		036 ⇔ 041	Gobo 6 (Crazy Turns)
		042 ⇔ 047	Gobo 7 (Hex Chem)
		048 ⇔ 053	Gobo 8 (Scribble)
		054 ⇔ 063	Gobo 9 (Aperture)
		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, slow to fast		
192 ⇔ 255	Reverse gobo scroll, slow to fast		
19	Blade 1-1	000 ⇔ 255	0–100%
20	Fine blade 1-1	000 ⇔ 255	Fine control (16-bit)
21	Blade 1-2	000 ⇔ 255	0–100%

QUICK REFERENCE GUIDE



Maverick Storm 2 Profile

Channel	Function	Value	Percent/Setting
22	Fine blade 1-2	000 ⇔ 255	Fine control (16-bit)
23	Blade 2-1	000 ⇔ 255	0–100%
24	Fine blade 2-1	000 ⇔ 255	Fine control (16-bit)
25	Blade 2-2	000 ⇔ 255	0–100%
26	Fine blade 2-2	000 ⇔ 255	Fine control (16-bit)
27	Blade 3-1	000 ⇔ 255	0–100%
28	Fine blade 3-1	000 ⇔ 255	Fine control (16-bit)
29	Blade 3-2	000 ⇔ 255	0–100%
30	Fine blade 3-2	000 ⇔ 255	Fine control (16-bit)
31	Blade 4-1	000 ⇔ 255	0–100%
32	Fine blade 4-1	000 ⇔ 255	Fine control (16-bit)
33	Blade 4-2	000 ⇔ 255	0–100%
34	Fine blade 4-2	000 ⇔ 255	Fine control (16-bit)
35	Blade rotation	000 ⇔ 255	0–100%
36	Fine blade rotation	000 ⇔ 255	Fine control (16-bit)
37	Focus	000 ⇔ 255	0–100%
38	Fine focus	000 ⇔ 255	Fine control (16-bit)
39	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		
40	Zoom	000 ⇔ 255	0–100%
41	Zoom fine	000 ⇔ 255	Fine control (16-bit)
42	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism insert
43	Prism rotate	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise rotation, slow to fast
44	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
45	Frost	000 ⇔ 255	0–100%
46	CMY macro	000 ⇔ 009	No function
		010 ⇔ 255	CMY macro
47	CMY macro speed	000 ⇔ 255	Fast to slow

Channel	Function	Value	Percent/Setting
48	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 ⇔ 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 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		

32CH

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 shaking	000 ⇔ 001	No function
		002 ⇔ 128	Shaking effect, slow to fast
		129 ⇔ 255	Fade effect, slow to fast

QUICK REFERENCE GUIDE



Maverick Storm 2 Profile

Channel	Function	Value	Percent/Setting
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	Open
		007 ⇔ 013	Color 1
		014 ⇔ 020	Color 2
		021 ⇔ 027	Color 3
		028 ⇔ 034	Color 4
		035 ⇔ 041	Color 5
		042 ⇔ 048	Color 6
		049 ⇔ 059	Color 7
		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 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 ⇔ 055	Gobo 6 (Limbo)
		056 ⇔ 063	Gobo 7 (Fractured Mycelium)
		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		
15	Gobo wheel 1 rotate	000 ⇔ 063	Gobo index
		064 ⇔ 145	Clockwise rotation, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Counterclockwise rotation, slow to fast
		232 ⇔ 255	Alternating clockwise/counterclockwise rotation, short to long

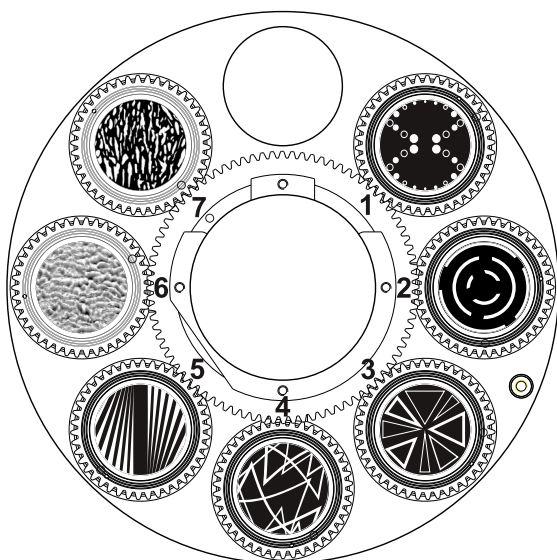
Channel	Function	Value	Percent/Setting
16	Gobo wheel 2 (see Gobo Wheels)	001 ⇔ 005	Open
		006 ⇔ 011	Gobo 1 (Existing Dots)
		012 ⇔ 017	Gobo 2 (Paperclip Party)
		018 ⇔ 023	Gobo 3 (Orbital)
		024 ⇔ 029	Gobo 4 (Dirty Dirt)
		030 ⇔ 035	Gobo 5 (Box Cutter)
		036 ⇔ 041	Gobo 6 (Crazy Turns)
		042 ⇔ 047	Gobo 7 (Hex Chem)
		048 ⇔ 053	Gobo 8 (Scribble)
		054 ⇔ 063	Gobo 9 (Aperture)
		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, slow to fast		
192 ⇔ 255	Reverse gobo scroll, slow to fast		
17	Blade 1-1	000 ⇔ 255	0–100%
18	Blade 1-2	000 ⇔ 255	0–100%
19	Blade 2-1	000 ⇔ 255	0–100%
20	Blade 2-2	000 ⇔ 255	0–100%
21	Blade 3-1	000 ⇔ 255	0–100%
22	Blade 3-2	000 ⇔ 255	0–100%
23	Blade 4-1	000 ⇔ 255	0–100%
24	Blade 4-2	000 ⇔ 255	0–100%
25	Blade rotation	000 ⇔ 255	0–100%
26	Focus	000 ⇔ 255	0–100%
27	Zoom	000 ⇔ 255	0–100%
28	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism insert
29	Prism rotate	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise rotation, slow to fast
30	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
31	Frost	000 ⇔ 255	0–100%

QUICK REFERENCE GUIDE

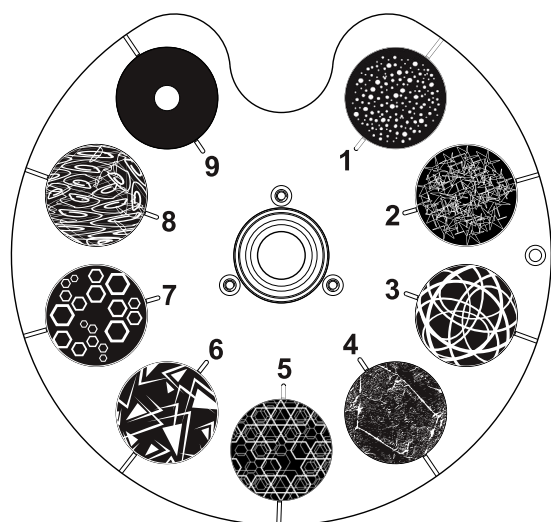
Maverick Storm 2 Profile

Channel	Function	Value	Percent/Setting
32	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 ⇔ 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 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