

## Control Channel Assignments and Values

### Dmx Mode 2 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	Fast to slow
6	Dimmer	000 ⇄ 255	0–100%
7	Fine dimmer	000 ⇄ 255	Fine control (16-bit)
8	Strobe	000 ⇄ 010	No function (LED on)
		011 ⇄ 082	Strobe, slow to fast
		083 ⇄ 093	No function (LED on)
		094 ⇄ 163	Pulse effect, slow to fast
		164 ⇄ 174	No function (LED on)
		175 ⇄ 243	Random strobe, slow to fast
		244 ⇄ 255	No function (LED on)
9	Virtual strobe	000 ⇄ 004	No function
		005 ⇄ 010	Section 1
		011 ⇄ 015	Section 2
		016 ⇄ 020	Section 3
		021 ⇄ 060	Snap clockwise, fast to slow
		061 ⇄ 065	Stop
		066 ⇄ 106	Snap counter-clockwise, slow to fast
		107 ⇄ 111	Stop
		112 ⇄ 152	Fade clockwise, fast to slow
		153 ⇄ 157	Stop
		158 ⇄ 198	Fade counter-clockwise, slow to fast
199 ⇄ 255	No function		
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 (see <a href="#">Color Wheel</a> )	000 ⇄ 004	Open
		005 ⇄ 009	Red
		010 ⇄ 013	Orange
		014 ⇄ 018	Green
		019 ⇄ 022	Cyan
		023 ⇄ 027	Congo blue
		028 ⇄ 031	UV
		032 ⇄ 187	Color wheel indexing
		188 ⇄ 219	Color scroll, fast to slow
		220 ⇄ 223	Stop
		224 ⇄ 255	Reverse color scroll, slow to fast
15	Hue Adjustment	000 ⇄ 127	-25 to 0 green
		128 ⇄ 255	0 to +25 green
16	Red Shift	000 ⇄ 127	Red shift off
		128 ⇄ 255	Red shift on

Channel	Function	Value	Percent/Setting
17	Gobo wheel (see <a href="#">Gobo Designs</a> )	000 ⇔ 005	Open
		006 ⇔ 010	Gobo 1 (Barking Up a Flaming River)
		011 ⇔ 015	Gobo 2 (Floyd)
		016 ⇔ 020	Gobo 3 (Sparse Branches)
		021 ⇔ 025	Gobo 4 (Something Linear)
		026 ⇔ 030	Gobo 5 (Super Max)
		031 ⇔ 035	Gobo 6 (Window Pane)
		036 ⇔ 040	Gobo 7 (Shower Glass)
		041 ⇔ 055	Gobo 1 shaking, slow to fast
		056 ⇔ 070	Gobo 2 shaking, slow to fast
		071 ⇔ 085	Gobo 3 shaking, slow to fast
		086 ⇔ 100	Gobo 4 shaking, slow to fast
		101 ⇔ 115	Gobo 5 shaking, slow to fast
		116 ⇔ 130	Gobo 6 shaking, slow to fast
		131 ⇔ 145	Gobo 7 shaking, slow to fast
146 ⇔ 200	Gobo scroll, slow to fast		
201 ⇔ 255	Reverse gobo scroll, slow to fast		
18	Gobo rotation	000 ⇔ 191	Gobo indexing
		192 ⇔ 221	Gobo rotation, fast to slow
		222 ⇔ 225	Stop
		226 ⇔ 255	Reverse gobo rotation, slow to fast
19	Gobo fine indexing	000 ⇔ 255	Gobo fine indexing
20	Animation	000 ⇔ 127	No function
		128 ⇔ 255	Animation insert
21	Animation rotation	000 ⇔ 003	No function
		004 ⇔ 127	Animation rotation, fast to slow
		128 ⇔ 131	Stop
		132 ⇔ 255	Reverse animation rotation, slow to fast
22	Shutter rotation	000 ⇔ 255	0–100%
23	Shutter 1-1	000 ⇔ 255	0–100%
24	Shutter 1-2	000 ⇔ 255	0–100%
25	Shutter 2-1	000 ⇔ 255	0–100%
26	Shutter 2-2	000 ⇔ 255	0–100%
27	Shutter 3-1	000 ⇔ 255	0–100%
28	Shutter 3-2	000 ⇔ 255	0–100%
29	Shutter 4-1	000 ⇔ 255	0–100%
30	Shutter 4-2	000 ⇔ 255	0–100%
31	Focus	000 ⇔ 255	0–100%
32	Fine focus	000 ⇔ 255	Fine control (16-bit)
33	Zoom	000 ⇔ 255	0–100%
34	Fine Zoom	000 ⇔ 255	Fine control (16-bit)
35	Prism	000 ⇔ 127	No function
		128 ⇔ 255	Prism insert
36	Prism rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Reverse prism rotation, slow to fast

## DMX CHART



### Maverick Silens 1X Profile

Channel	Function	Value	Percent/Setting
37	Iris	000 ⇔ 192	Big to small
		193 ⇔ 213	Auto change, slow to fast
		214 ⇔ 234	Slow open, fast close (slow to fast)
		235 ⇔ 255	Slow close, fast open (slow to fast)
38	Frost	000	No function
		001 ⇔ 255	0–100%
39	Control (3 second hold)	000 ⇔ 007	No function
		008 ⇔ 015	Reset all
		016 ⇔ 023	Reset pan and tilt
		024 ⇔ 031	Reset prism, iris, and frost
		032 ⇔ 039	Reset gobo wheel
		040 ⇔ 047	Reset framing shutters
		048 ⇔ 055	Reset zoom and focus
		056 ⇔ 063	Reset color wheel, CMY, and CTO
		064 ⇔ 071	Disable absolute silence
		072 ⇔ 079	Enable absolute silence
		080 ⇔ 087	Disable steady mode
		088 ⇔ 095	Steady mode 1
		096 ⇔ 103	Steady mode 2
104 ⇔ 255	Reserved for future use		

### Dmx Mode 1 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	Dimmer	000 ⇔ 255	0–100%		
6	Strobe	000 ⇔ 010	No function (LED on)		
		011 ⇔ 082	Strobe, slow to fast		
		083 ⇔ 093	No function (LED on)		
		094 ⇔ 163	Pulse effect, slow to fast		
		164 ⇔ 174	No function (LED on)		
		175 ⇔ 243	Random strobe, slow to fast		
		244 ⇔ 255	No function (LED on)		
7	Cyan	000 ⇔ 255	0–100%		
8	Magenta	000 ⇔ 255	0–100%		
9	Yellow	000 ⇔ 255	0–100%		
10	CTO	000 ⇔ 255	0–100%		
11	Color wheel (see <a href="#">Color Wheel</a> )	000 ⇔ 004	Open		
		005 ⇔ 009	Red		
		010 ⇔ 013	Orange		
		014 ⇔ 018	Green		
		019 ⇔ 022	Cyan		
		023 ⇔ 027	Congo blue		
		028 ⇔ 031	UV		
		032 ⇔ 187	Color wheel indexing		
		188 ⇔ 219	Color scroll, fast to slow		
		220 ⇔ 223	Stop		
224 ⇔ 255	Reverse color scroll, slow to fast				
12	Gobo wheel (see <a href="#">Gobo Designs</a> )	000 ⇔ 005	Open		
		006 ⇔ 010	Gobo 1 (Barking Up a Flaming River)		
		011 ⇔ 015	Gobo 2 (Floyd)		
		016 ⇔ 020	Gobo 3 (Sparse Branches)		
		021 ⇔ 025	Gobo 4 (Something Linear)		
		026 ⇔ 030	Gobo 5 (Super Max)		
		031 ⇔ 035	Gobo 6 (Window Pane)		
		036 ⇔ 040	Gobo 7 (Shower Glass)		
		041 ⇔ 055	Gobo 1 shaking, slow to fast		
		056 ⇔ 070	Gobo 2 shaking, slow to fast		
		071 ⇔ 085	Gobo 3 shaking, slow to fast		
		086 ⇔ 100	Gobo 4 shaking, slow to fast		
		101 ⇔ 115	Gobo 5 shaking, slow to fast		
		116 ⇔ 130	Gobo 6 shaking, slow to fast		
		131 ⇔ 145	Gobo 7 shaking, slow to fast		
		146 ⇔ 200	Gobo scroll, slow to fast		
		201 ⇔ 255	Reverse gobo scroll, slow to fast		
		13	Gobo rotation	000 ⇔ 191	Gobo indexing
				192 ⇔ 221	Gobo rotation, fast to slow
222 ⇔ 225	Stop				
226 ⇔ 255	Reverse gobo rotation, slow to fast				

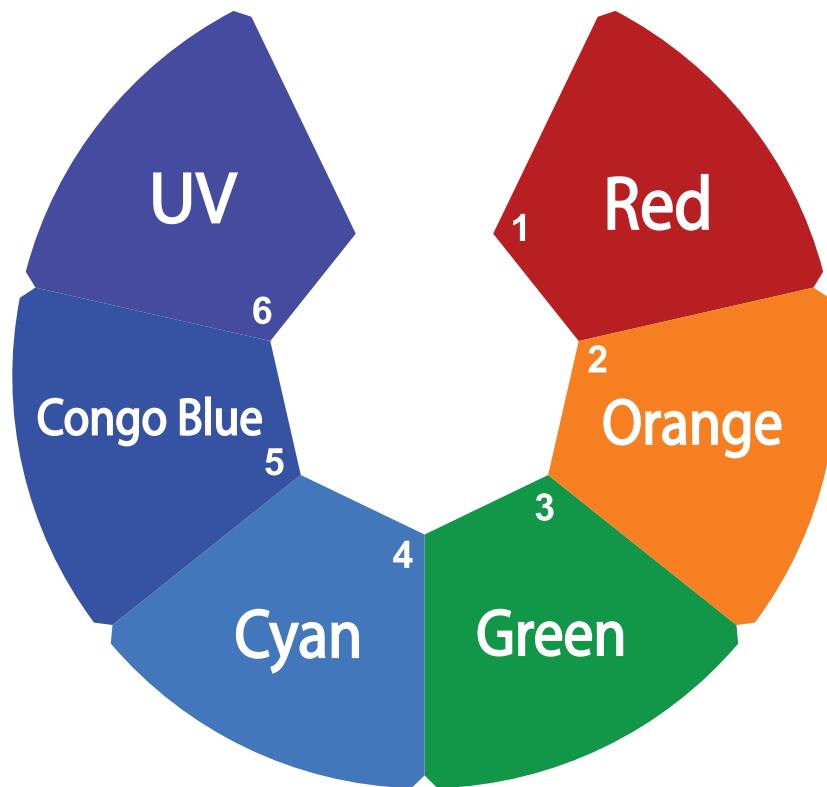
## DMX CHART



### Maverick Silens 1X Profile

Channel	Function	Value	Percent/Setting
14	Animation	000 ⇔ 127	No function
		128 ⇔ 255	Animation insert
15	Animation rotation	000 ⇔ 003	No function
		004 ⇔ 127	Animation rotation, fast to slow
		128 ⇔ 131	Stop
		132 ⇔ 255	Reverse animation rotation, slow to fast
16	Shutter rotation	000 ⇔ 255	0–100%
17	Shutter 1-1	000 ⇔ 255	0–100%
18	Shutter 1-2	000 ⇔ 255	0–100%
19	Shutter 2-1	000 ⇔ 255	0–100%
20	Shutter 2-2	000 ⇔ 255	0–100%
21	Shutter 3-1	000 ⇔ 255	0–100%
22	Shutter 3-2	000 ⇔ 255	0–100%
23	Shutter 4-1	000 ⇔ 255	0–100%
24	Shutter 4-2	000 ⇔ 255	0–100%
25	Focus	000 ⇔ 255	0–100%
26	Zoom	000 ⇔ 255	0–100%
27	Prism	000 ⇔ 127	No function
		128 ⇔ 255	Prism insert
28	Prism rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Reverse prism rotation, slow to fast
29	Iris	000 ⇔ 192	Big to small
		193 ⇔ 213	Auto change, slow to fast
		214 ⇔ 234	Slow open, fast close (slow to fast)
		235 ⇔ 255	Slow close, fast open (slow to fast)
30	Frost	000	No function
		001 ⇔ 255	0–100%
31	Control (3 second hold)	000 ⇔ 007	No function
		008 ⇔ 015	Reset all
		016 ⇔ 023	Reset pan and tilt
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Color Wheel



Gobo Designs

