

DMX CHART



Maverick Silens 1X Profile

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 Color Wheel)	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 Gobo Designs)	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	Framing shutter rotation	000 ⇔ 127	Rotation, left to center
		128	Center
		129 ⇔ 255	Rotation, center to right
23	Framing shutter 1 movement	000 ⇔ 255	0–100%
24	Framing shutter 1 swivel	000 ⇔ 127	Swiveling, from -25° to 0°
		128	0°
		129 ⇔ 255	Swiveling, from 0° to 25°
25	Framing shutter 2 movement	000 ⇔ 255	0–100%
26	Framing shutter 2 swivel	000 ⇔ 127	Swiveling, from -25° to 0°
		128	0°
		129 ⇔ 255	Swiveling, from 0° to 25°
27	Framing shutter 3 movement	000 ⇔ 255	0–100%
28	Framing shutter 3 swivel	000 ⇔ 127	Swiveling, from -25° to 0°
		128	0°
		129 ⇔ 255	Swiveling, from 0° to 25°
29	Framing shutter 4 movement	000 ⇔ 255	0–100%
30	Framing shutter 4 swivel	000 ⇔ 127	Swiveling, from -25° to 0°
		128	0°
		129 ⇔ 255	Swiveling, from 0° to 25°
31	Focus	000 ⇔ 255	0–100%
32	Fine focus	000 ⇔ 255	Fine control (16-bit)
33	Zoom	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
34	Fine Zoom	000 ⇔ 255	Fine control (16-bit)
35	Prism	000 ⇔ 127 128 ⇔ 255	No function Prism insert
36	Prism rotation	000 ⇔ 127 128 ⇔ 189 190 ⇔ 193 194 ⇔ 255	Prism index Prism rotation, fast to slow Stop Reverse prism rotation, slow to fast
37	Iris	000 ⇔ 192 193 ⇔ 213 214 ⇔ 234 235 ⇔ 255	Big to small Auto change, slow to fast Slow open, fast close (slow to fast) Slow close, fast open (slow to fast)
38	Frost	000 001 ⇔ 255	No function 0–100%
39	Control (3 second hold)	000 ⇔ 007 008 ⇔ 015 016 ⇔ 023 024 ⇔ 031 032 ⇔ 039 040 ⇔ 047 048 ⇔ 055 056 ⇔ 063 064 ⇔ 071 072 ⇔ 079 080 ⇔ 087 088 ⇔ 095 096 ⇔ 103 104 ⇔ 255	No function Reset all Reset pan and tilt Reset prism, iris, and frost Reset gobo wheel Reset framing shutters Reset zoom and focus Reset color wheel, CMY, and CTO Disable absolute silence Enable absolute silence Disable steady mode Steady mode 1 Steady mode 2 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 Color Wheel)	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 Gobo Designs)	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
192 ⇔ 221	Gobo rotation, fast to slow		
222 ⇔ 225	Stop		
226 ⇔ 255	Reverse gobo rotation, slow to fast		

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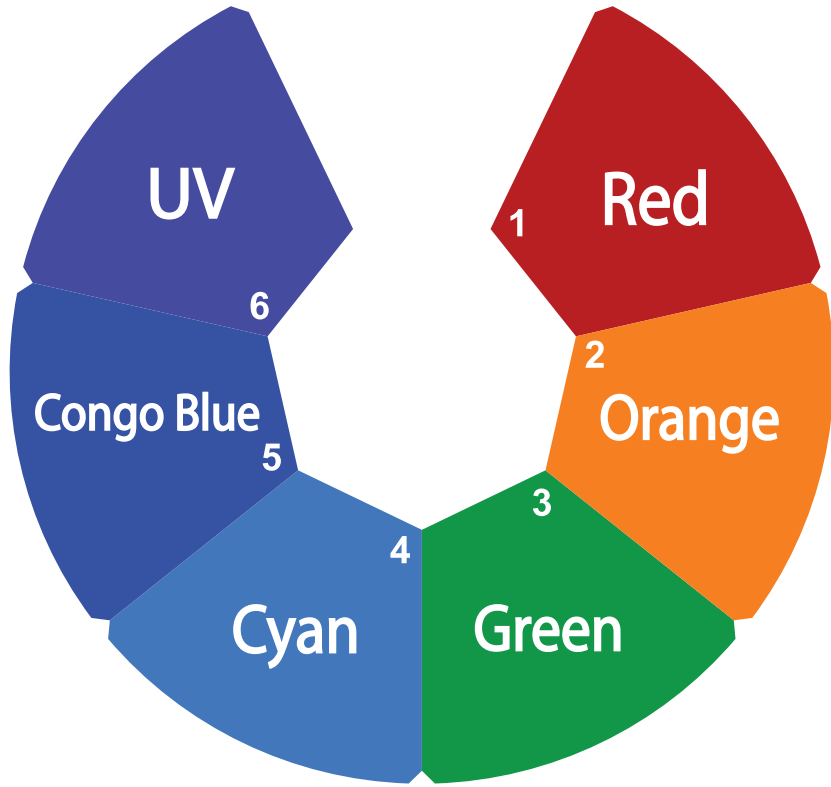


Maverick Silens 1X Profile

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	Framing shutter rotation	000 ⇔ 127	Rotation, left to center
		128	Center
		129 ⇔ 255	Rotation, center to right
17	Framing shutter 1 movement	000 ⇔ 255	0–100%
18	Framing shutter 1 swivel	000 ⇔ 127	Swiveling, from -25° to 0°
		128	0°
		129 ⇔ 255	Swiveling, from 0° to 25°
19	Framing shutter 2 movement	000 ⇔ 255	0–100%
20	Framing shutter 2 swivel	000 ⇔ 127	Swiveling, from -25° to 0°
		128	0°
		129 ⇔ 255	Swiveling, from 0° to 25°
21	Framing shutter 3 movement	000 ⇔ 255	0–100%
22	Framing shutter 3 swivel	000 ⇔ 127	Swiveling, from -25° to 0°
		128	0°
		129 ⇔ 255	Swiveling, from 0° to 25°
23	Framing shutter 4 movement	000 ⇔ 255	0–100%
24	Framing shutter 4 swivel	000 ⇔ 127	Swiveling, from -25° to 0°
		128	0°
		129 ⇔ 255	Swiveling, from 0° to 25°
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%

Channel	Function	Value	Percent/Setting
31	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

Color Wheel



Gobo Designs

