

DMX CHANNEL FUNCTIONS AND VALUES

FUZE SFX DMX Channel Values / Functions (31 DMX Channels)					
Supports Software Versions: \geq 1.06					
Features subject to change without any prior written notice.					
CHANNEL	VALUE	FUNCTION	DEFAULT	SNAP	HOLD
1	000 – 255	Pan Movement	127		
2	000 – 255	Pan Movement Fine	127		
3	000 – 255	Tilt Movement	127		
4	000 – 255	Tilt Movement Fine	127		
5	Cyan		0		
	<i>Full</i>				
	000 – 255	Cyan (0 – 100%)			
	<i>SFX</i>				
	000 – 170	Cyan (0 – 100%)			
	171 – 189	Cyan (100% - Open)			
	190 – 221	Scroll Clockwise Fast to Slow			
	222 – 223	Stop			
224 – 255	Scroll Counter-Clockwise Slow to Fast				
6	000 – 255	Cyan Fine Control	0		
7	Magenta		0		
	<i>Full</i>				
	000 – 255	Magenta (0 – 100%)			
	<i>SFX</i>				
	000 – 170	Magenta (0 – 100%)			
	171 – 189	Magenta (100% - Open)			
	190 – 221	Scroll Clockwise Fast to Slow			
	222 – 223	Stop			
224 – 255	Scroll Counter-Clockwise Slow to Fast				
8	000 – 255	Magenta Fine Control	0		
9	Yellow		0		
	<i>Full</i>				
	000 – 255	Yellow (0 – 100%)			
	<i>SFX</i>				
	000 – 170	Yellow (0 – 100%)			
	171 – 189	Yellow (100% - Open)			
	190 – 221	Scroll Clockwise Fast to Slow			
	222 – 223	Stop			
224 – 255	Scroll Counter-Clockwise Slow to Fast				
10	000 – 255	Yellow Fine Control	0		
11	CMY Mix Mode		0	X	
	000 – 127	Full			
	128 – 255	SFX			
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CHANNEL	VALUE	FUNCTION	DEFAULT	SNAP	HOLD
12	Color Wheel		0		
	000 – 005	Open			
	006 – 010	White/Red Split			
	011 – 015	Red			
	016 – 020	Red/Yellow Split			
	021 – 025	Yellow			
	026 – 030	Yellow/Green Split			
	031 – 035	Green			
	036 – 040	Green/Orange Split			
	041 – 045	Orange			
	046 – 050	Orange/Pink Split			
	051 – 055	Pink			
	056 – 060	Pink/CTO Split			
	061 – 065	CTO			
	066 – 070	High CRI			
	071 – 075	CTO/High CRI Split			
	076 – 080	CTO/Blue Split			
	081 – 085	Medium Blue			
	086 – 090	Blue/White Split			
	091 – 100	Open			
	Combinations (see Combination Sheet for reference)				
	101	Combo 1			
	102	Combo 2			
	103	Combo 3			
	104	Combo 4			
	105	Combo 5			
	106	Combo 6			
107	Combo 7				
108	Combo 8				
109	Combo 9				
110	Combo 10				
111 – 127	Reserved				
128 – 189	Scroll Clockwise Fast to Slow				
190 – 193	Stop				
194 – 255	Scroll Counter-Clockwise Slow to Fast				
13	Rotating Gobo		0	X	
	000 – 005	Open			
	006 – 012	Rotating Gobo 1			
	013 – 019	Rotating Gobo 2			
	020 – 026	Rotating Gobo 3			
	027 – 033	Rotating Gobo 4			
	034 – 040	Rotating Gobo 5			
	041 – 047	Rotating Gobo 6			
	048 – 054	Rotating Gobo 7			
	055 – 061	Rotating Gobo 8			
062 – 077	Rotating Gobo 1 Shake, Slow to Fast				

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CHANNEL	VALUE	FUNCTION	DEFAULT	SNAP	HOLD
13 <i>(continued from prev page)</i>	Rotating Gobo (continued)		0	X	
	078 – 093	Rotating Gobo 2 Shake, Slow to Fast			
	094 – 109	Rotating Gobo 3 Shake, Slow to Fast			
	110 – 125	Rotating Gobo 4 Shake, Slow to Fast			
	126 – 141	Rotating Gobo 5 Shake, Slow to Fast			
	142 – 157	Rotating Gobo 6 Shake, Slow to Fast			
	158 – 173	Rotating Gobo 7 Shake, Slow to Fast			
	174 – 189	Rotating Gobo 8 Shake, Slow to Fast			
	190 – 221	Scroll Clockwise, Fast to Slow			
	222 – 223	Stop			
	224 – 255	Scroll Counter-Clockwise, Slow to Fast			
14	Rotating Gobo Rotation Index		63		
	000 – 127	Gobo Indexing			
	128 – 189	Clockwise Gobo Scroll, Fast to Slow			
	190 – 193	No Rotation			
194 – 255	Counter-Clockwise Gobo Scroll, Slow to Fast				
15	000 – 255	Rotating Gobo Fine Indexing	0		
16	Fixed Gobo		0	X	
	000 - 005	Open			
	006 – 014	Fixed Gobo 1			
	015 – 023	Fixed Gobo 2			
	024 – 032	Fixed Gobo 3			
	033 – 041	Fixed Gobo 4			
	042 – 050	Fixed Gobo 5			
	051 – 059	Fixed Gobo 6			
	060 – 068	Fixed Gobo 7			
	069 – 077	Fixed Gobo 8			
	078 – 086	Fixed Gobo 9			
	087 – 095	Fixed Gobo 10			
	096 – 104	Fixed Gobo 1 Shake, Slow to Fast			
	105 – 113	Fixed Gobo 2 Shake, Slow to Fast			
	114 – 122	Fixed Gobo 3 Shake, Slow to Fast			
	123 – 131	Fixed Gobo 4 Shake, Slow to Fast			
	132 – 140	Fixed Gobo 5 Shake, Slow to Fast			
	141 – 149	Fixed Gobo 6 Shake, Slow to Fast			
	150 – 158	Fixed Gobo 7 Shake, Slow to Fast			
	159 – 167	Fixed Gobo 8 Shake, Slow to Fast			
	168 – 176	Fixed Gobo 9 Shake, Slow to Fast			
177 – 185	Fixed Gobo 10 Shake, Slow to Fast				
186 – 217	Scroll Clockwise, Fast to Slow				
218 – 223	Stop				
224 – 255	Scroll Counter-Clockwise, Slow to Fast				
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CHANNEL	VALUE	FUNCTION	DEFAULT	SNAP	HOLD
17	SFX		0	X	
	000 – 020	Open			
	021 – 040	Prism 1			
	041 – 060	Prism 2			
	061 – 080	Prism 1 + 2			
	081 – 100	Idle			
	101	SFX 1			
	102	SFX 2			
			
	200	SFX 100			
201 – 255	Idle				
18	Prism 1 Index / Rotation / SFX Speed		0		
	000 – 127	Prism Indexing			
	128 – 189	Clockwise Prism Rotation, Fast to Slow			
	190 – 193	No Rotation			
	194 – 255	Counter-Clockwise Prism Rotation, Slow to Fast			
19	Prism 2 Index / Rotation		0		
	000 – 127	Prism Indexing			
	128 – 189	Clockwise Prism Rotation, Fast to Slow			
	190 – 193	No Rotation			
	194 – 255	Counter-Clockwise Prism Rotation, Slow to Fast			
20	000 – 255	Continuous Focus Adjustment, Near to Far	127		
21	000 – 255	Continuous Fine Focus Adjustment	0		
22	000 – 255	Zoom Adjustment, Out to In	127		
23	000 – 255	Fine Zoom Adjustment	0		
24	Strobe		50	X	
	000 – 031	Off (Shutter Closed)			
	032 – 063	No Function (Shutter Open)			
	064 – 095	Strobe Effect, Slow to Fast			
	096 – 127	No Function (Shutter Open)			
	128 – 159	Pulse Effect in Sequences			
	160 – 191	No Function (Shutter Open)			
	192 – 223	Random Strobe Effect, Slow to Fast			
224 – 255	No Function (Shutter Open)				
25	000 – 255	Dimmer Intensity, 0 to 100%	0		
26	000 – 255	Dimmer Fine	0		
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CHANNEL	VALUE	FUNCTION	DEFAULT	SNAP	HOLD
27	Dimmer Configuration		0	X	
	<i>Dim Modes</i>				
	000 – 020	Standard			
	021 – 040	Stage			
	041 – 060	TV			
	061 – 080	Architectural			
	081 – 100	Theatre			
	101 – 120	Stage 2			
	<i>Dimmer Delay Time</i>				
	121	0.0s			
	122	0.1s			
	123	0.2s			
	124	0.3s			
	125	0.4s			
	126	0.5s			
	127	0.6s			
	128	0.7s			
	129	0.8s			
	130	0.9s			
	131	1.0s			
	132	1.5s			
	133	2.0s			
	134	3.0s			
	135	4.0s			
	136	5.0s			
137	6.0s				
138	7.0s				
139	8.0s				
140	9.0s				
141	10.0s				
142 – 255	Idle				
28	Iris		0		
	000 – 191	Iris Diameter, Maximum to Minimum			
	192 – 223	Pulse Opening, Fast to Slow			
	224 – 255	Pulse Closing, Slow to Fast			
29	000 – 255	Frost, Open to Full	0		
30	Pan / Tilt and Color Speed		0	X	
	000 – 225	Speed, Maximum to Minimum			
	226 – 235	Blackout by Movement			
	236 – 245	Blackout by All Wheel Changing			
	246 – 255	No Function			
31	Control		0	X	3 s
	000 – 009	Color Change Snap			
	010 – 019	Color Change to Any Position			
	020 – 029	Color & Gobo Change to Any Position			
	030 – 034	Color Correct Gobo Disabled			
	035 – 039	Color Correct Gobo Enabled			
	040 – 044	Low Noise – Mute			
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CHANNEL	VALUE	FUNCTION	DEFAULT	SNAP	HOLD
31 (continued from prev page)	Control		0	X	3 s
	045 – 049	Low Noise – Studio			
	050 – 059	Fan Control – Low			
	060 – 069	Fan Control – High			
	070 – 079	Fan Control – Auto (Default)			
	080 – 084	Reset All Motors			
	085 – 087	Pan / Tilt Reset			
	088 – 090	Color Reset			
	091 – 093	Gobo Reset			
	094 – 096	Focus and Zoom Reset			
	097 – 099	Reset Other Motors			
	<i>Refresh Rate</i>				
	100	900 Hz			
	101	910 Hz			
	102	920 Hz			
	103	930 Hz			
	104	940 Hz			
	105	950 Hz			
	106	960 Hz			
	107	970 Hz			
	108	980 Hz			
	109	990 Hz			
	110	1000 Hz			
	111	1010 Hz			
	112	1020 Hz			
	113	1030 Hz			
	114	1040 Hz			
	115	1050 Hz			
	116	1060 Hz			
	117	1070 Hz			
	118	1080 Hz			
	119	1090 Hz			
	120	1100 Hz			
	121	1110 Hz			
	122	1120 Hz			
123	1130 Hz				
124	1140 Hz				
125	1150 Hz				
126	1160 Hz				
127	1170 Hz				
128	1180 Hz				
129	1190 Hz				
130	1200 Hz				
131	1210 Hz				
132	1220 Hz				
133	1230 Hz				
134	1240 Hz				
135	1250 Hz				
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CHANNEL	VALUE	FUNCTION	DEFAULT	SNAP	HOLD
31 (continued from prev page)	<i>Refresh Rate (continued)</i>		0	X	1 s
	136	1260 Hz			
	137	1270 Hz			
	138	1280 Hz			
	139	1290 Hz			
	140	1300 Hz			
	141	1310 Hz			
	142	1320 Hz			
	143	1330 Hz			
	144	1340 Hz			
	145	1350 Hz			
	146	1360 Hz			
	147	1370 Hz			
	148	1380 Hz			
	149	1390 Hz			
	150	1400 Hz			
	151	1410 Hz			
	152	1420 Hz			
	153	1430 Hz			
	154	1440 Hz			
	155	1450 Hz			
	156	1460 Hz			
	157	1470 Hz			
	158	1480 Hz			
	159	1490 Hz			
	160	1500 Hz			
	161	2500 Hz			
	162	4000 Hz			
	163	5000 Hz			
	164	6000 Hz			
	165	10000 Hz			
	166	15000 Hz			
	167	20000 Hz			
168	25000 Hz				
169 – 190	Idle	3 s			
191 – 195	Hibernation OFF				
196 – 200	Hibernation ON				
<i>Dimmer Curve</i>					
201 – 210	Linear (Default)				
211 – 220	Square				
221 – 230	Inverse Square				
231 – 240	S-Curve				
241 – 255	Idle				