

RELATION FUZE TEATRO - DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
1	1	1	1	1	1	0 - 255	Pan Left → Right		127
2	2	2	2	2	2	0 - 255	Pan Fine Fine Position		127
3	3	3	3	3	3	0 - 255	Tilt Forward → Backward		127
4	4	4	4	4	4	0 - 255	Tilt Fine Fine Position		127
5	5	5	5			0 - 255	Red 0% → 100%		0
	6		6			0 - 255	Red Fine Fine Saturation		0
6	7	6	7			0 - 255	Green 0% → 100%		0
	8		8			0 - 255	Green Fine Fine Saturation		0
7	9	7	9			0 - 255	Blue 0% → 100%		0
	10		10			0 - 255	Blue Fine Fine Saturation		0
8	11					0 - 255	Mint 0% → 100%		0
	12					0 - 255	Mint Fine Fine Saturation		0
9	13					0 - 255	Amber 0% → 100%		0
	14					0 - 255	Amber Fine Fine Saturation		0
				5	5	0 - 255	Cyan 0% → 100%		0
					6	0 - 255	Cyan Fine Fine Saturation		0
				6	7	0 - 255	Magenta 0% → 100%		0
					8	0 - 255	Magenta Fine Fine Saturation		0
				7	9	0 - 255	Yellow 0% → 100%		0
					10	0 - 255	Yellow Fine Fine Saturation		0

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
10		8		8			CCT Presets		0
						0 - 23	Open (6000K)		
						24 - 85	2400K → 8500K (refer to Color Temperature Chart)		
						86 - 255	8500K		
	15				11		Variable CCT		0
						0 - 23	Open (6000K)		
						24 - 255	2400K → 8500K		
	16				12		Variable CCT Fine		0
						0 - 255	Fine Adjustment		
	17				13		Green Shift		0
						0	Idle		
						1 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
11	18	9	14	9	14		Color		0
						0	Open		
						1 - 179	Virtual Swatch Book (see Virtual Colors section of this manual)		
							Scroll		
						180 - 201	Clockwise Fast → Slow		
						202 - 207	Stop		
						208 - 229	Counter-clockwise Slow → Fast		
						230 - 234	Open		
							Random Slots		
						235 - 239	Fast		
						240 - 244	Medium		
						245 - 249	Slow		
250 - 255	Open								
12	19	10	15	10	15		Rotating Gobo Wheel 1		0
						0 - 9	Open		
						10 - 19	Rotating Gobo 1		
						20 - 29	Rotating Gobo 2		
						30 - 39	Rotating Gobo 3		
						40 - 49	Rotating Gobo 4		
						50 - 59	Rotating Gobo 5		
						60 - 69	Rotating Gobo 6		
						70 - 89	Gobo 1 Shake Slow → Fast		
						90 - 109	Gobo 2 Shake Slow → Fast		
						110 - 129	Gobo 3 Shake Slow → Fast		
						130 - 149	Gobo 4 Shake Slow → Fast		
						150 - 169	Gobo 5 Shake Slow → Fast		
						170 - 189	Gobo 6 Shake Slow → Fast		

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
12	19	10	15	10	15		Scroll		0
						190 - 221	Clockwise Fast → Slow		
						222 - 223	Stop		
						224 - 255	Counter-clockwise Slow → Fast		
13	20	11	16	11	16		Rotating Gobo Index / Rotation		0
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		
						190 - 193	Stop		
194 - 255	Counter-clockwise Slow → Fast								
14	21	12	17	12	17		Rotating Gobo Index / Rotation Fine		0
						0 - 255	Fine Adjustment		
15	22	13	18	13	18		Rotating Gobo Wheel 2		0
						0 - 9	Open		
						10 - 19	Rotating Gobo 1		
						20 - 29	Rotating Gobo 2		
						30 - 39	Rotating Gobo 3		
						40 - 49	Rotating Gobo 4		
						50 - 59	Rotating Gobo 5		
						60 - 69	Rotating Gobo 6		
						70 - 89	Gobo 1 Shake Slow → Fast		
						90 - 109	Gobo 2 Shake Slow → Fast		
						110 - 129	Gobo 3 Shake Slow → Fast		
						130 - 149	Gobo 4 Shake Slow → Fast		
						150 - 169	Gobo 5 Shake Slow → Fast		
						170 - 189	Gobo 6 Shake Slow → Fast		
							Scroll		
190 - 221	Clockwise Fast → Slow								
222 - 223	Stop								
224 - 255	Counter-clockwise Slow → Fast								
16	23	14	19	14	19		Rotating Gobo Wheel 2 Index/Rotation		0
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		
						190 - 193	Stop		
194 - 255	Counter-clockwise Slow → Fast								
17	24	15	20	15	20		Rotating Gobo Wheel 2 Index/Rotation Fine		0
						0 - 255	Fine Adjustment		

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
18	25	16	21	16	21		Prism	X	0
						0 - 5	Open		
						6 - 31	Prism 1		
						32 - 127	Prism 2		
						128 - 255	Idle		
19	26	17	22	17	22		Prism Index / Rotation		64
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		
						190 - 193	Stop		
194 - 255	Counter-clockwise Slow → Fast								
20	27	18	23	18	23	0 - 255	Prism Index / Rotation Fine		127
							Fine Adjustment		
21	28	19	24	19	24	0 - 255	Focus		127
							Infinity → Near		
	29		25		25	0 - 255	Focus Fine		127
							Fine Adjustment		
22	30	20	26	20	26	0 - 255	Zoom		127
							Narrow → Wide		
23	31	21	27	21	27	0 - 255	Zoom Fine		127
							Fine Adjustment		
24	32	22	28	22	28		Strobe		50
						0 - 31	Closed		
						32 - 63	Open		
						64 - 95	Strobe effect slow → fast		
						96 - 127	Open		
						128 - 159	Pulse effect		
						160 - 191	Open		
						192 - 223	Random Slow → Fast		
224 - 255	Open								
25	33	23	29	23	29	0 - 255	Dimmer		0
							0% → 100%		
26	34	24	30	24	30	0 - 255	Dimmer Fine		0
							Fine Adjustment		
27	35	25	31	25	31		Dimmer Modes	X	0
						0 - 20	Standard		
						21 - 40	Stage		
						41 - 60	TV		
						61 - 80	Architectural		
						81 - 100	Theatre		
101 - 120	Stage 2								

RELATION FUZE TEATRO - DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
27	35	25	31	25	31		Dimmer Time	X	0
						121	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	10s								
142 - 149	Idle								
	Dim to Warm								
150 - 154	DTW On								
155 - 159	DTW Off								
160 - 255	Idle								
28	36	26	32	26	32		Iris		0
						0 - 191	Max diameter to min diameter		
						192 - 223	Pulse opening fast to slow		
						224 - 255	Pulse closing slow to fast		
	37		33		33	0 - 255	Iris Fine Fine Adjustment		0
29	38	27	34	27	34	0 - 255	Frost (Light)		0
							Open → Closed		
30	39	28	35	28	35	0 - 255	Frost (Wash)		0
							Open → Closed		
31	40	29	36	29	36		Animation Wheel		0
						0 - 7	Open		
						8 - 255	Animation Min → Max		

ELATION FUZE TEATRO - DMX TRAITS

	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
32	41	30	37	30	37		Animation Index / Rotation		64
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		
						190 - 193	Stop		
	194 - 255	Counter-clockwise Slow → Fast							
33	42	31	38	31	38	0 - 255	Blade 1 A Open → Closed		0
							Blade 1 A Fine Fine Adjustment		
34	44	32	40	32	40	0 - 255	Blade 1 B Open → Closed		0
							Blade 1 B Fine Fine Adjustment		
35	46	33	42	33	42	0 - 255	Blade 2 A Open → Closed		0
							Blade 2 A Fine Fine Adjustment		
36	48	34	44	34	44	0 - 255	Blade 2 B Open → Closed		0
							Blade 2 B Fine Fine Adjustment		
37	50	35	46	35	46	0 - 255	Blade 3 A Open → Closed		0
							Blade 3 A Fine Fine Adjustment		
38	52	36	48	36	48	0 - 255	Blade 3 B Open → Closed		0
							Blade 3 B Fine Fine Adjustment		
39	54	37	50	37	50	0 - 255	Blade 4 A Open → Closed		0
							Blade 4 A Fine Fine Adjustment		
40	56	38	52	38	52	0 - 255	Blade 4 B Open → Closed		0
							Blade 4 B Fine Fine Adjustment		
41	58	39	54	39	54		Framing Rotation		127
						0 - 126	Min (-60°)		
						127 - 128	Parallel (0°)		
						129 - 255	Max (+60°)		

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
	59		55		55		Framing Rotation Fine		0
						0 - 255	Fine Adjustment		
	60		56		56		Pan / Tilt Speed	X	0
						0 - 225	Max → Min Speed		
						226 - 235	Blackout by movement		
						236 - 245	Blackout by wheel changes		
						246 - 255	No function		
42	61	40	57	40	57		Control	X	0
						0 - 19	Wheel Snap		
						20 - 39	Wheel Fade		
							Performance Mode*		
						40 - 44	Ultra Quiet (default)		
						45 - 49	Best Speed		
						50 - 79	Idle		
							Reset		
						80 - 84	All		
						85 - 87	Pan / Tilt		
						88 - 90	Gobo		
						91 - 93	Focus and Zoom		
						94 - 96	Others		
						97 - 99	Idle		
							Refresh Rate (Hz)		
						100	900		
						101	910		
						102	920		
						103	930		
						104	940		
						105	950		
						106	960		
						107	970		
						108	980		
109	990								
110	1000								
111	1010								
112	1020								
113	1030								
114	1040								
115	1050								
116	1060								
117	1070								
118	1080								
119	1090								
120	1100								

ELATION FUZE TEATRO - DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
42	61	40	57	40	57		Refresh Rate (Hz) (continued)	X	0
						121	1110		
						122	1120		
						123	1130		
						124	1140		
						125	1150		
						126	1160		
						127	1170		
						128	1180		
						129	1190		
						130	1200		
						131	1210		
						132	1220		
						133	1230		
						134	1240		
						135	1250		
						136	1260		
						137	1270		
						138	1280		
						139	1290		
						140	1300		
						141	1310		
						142	1320		
						143	1330		
						144	1340		
						145	1350		
						146	1360		
						147	1370		
						148	1380		
						149	1390		
						150	1400		
						151	1410		
152	1420								
153	1430								
154	1440								
155	1450								
156	1460								
157	1470								
158	1480								
159	1490								
160	1500								
161	2500								
162	4000								

ELATION FUZE TEATRO - DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
42	61	40	57	40	57		Refresh Rate (Hz) (continued)	X	0
						163	5000		
						164	6000		
						165	10000 (default)		
						166	15000		
						167	20000		
						168	25000		
						169 - 174	Idle		
							Color Tuning		
						175 - 176	Highest Fidelity		
						177 - 178	Balanced Output and Fidelity		
						179 - 180	Highest Output (Default)		
							Output Balance		
						181 - 182	Bright (Highest Output)		
						183 - 184	Uniform (Elation Full Spectrum Match)		
						185 - 200	Idle		
							Dimmer Curves		
						201 - 210	Linear		
						211 - 220	Square		
						221 - 230	Inverse Square		
231 - 240	S-Curve (default)								
241 - 255	Idle								

*NOTES:

- **Performance Mode, Ultra Quiet:** Most motors are slowed down in order to reduce noise and vibration, and motors that support functions that generate noise (such as pan, tilt, focus, and zoom) gradually ramp up and down as needed.
- **Performance Mode, Best Speed:** Motors move at optimized speed.