

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	15	8	11	8	11		Variable CCT		0
						0 - 26	Open (6000K)		
						27 - 85	2400K → 8500K (see Color Temperature Table section of this manual)		
						86 - 255	8500K		
11	16	9	12	9	12		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								
	17				13		Green Shift		0
						0	Idle		
						1 - 127	Full Minus Green to Neutral		
						128	Neutral White		
12	18	10	14	10	14		CCT Crossfade		0
						0	CCT		
						1 - 254	Blend CCT → Color Mix		
						255	Color Mix		
13	19	11	15	11	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
13	19	11	15	11	15		Scroll		0
						190 - 221	Clockwise Fast → Slow		
						222 - 223	Stop		
						224 - 255	Counter-clockwise Slow → Fast		
14	20	12	16	12	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								
15	21	13	17	13	17		Rotating Gobo Index / Rotation Fine		0
						0 - 255	Fine Adjustment		
16	22	14	18	14	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								
17	23	15	19	15	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								
18	24	16	20	16	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
19	25	17	21	17	21		Prism	X	0
						0 - 5	Open		
						6 - 31	Prism 2		
						32 - 127	Prism 2		
						128 - 255	Idle		
20	26	18	22	18	22		Prism Index / Rotation		64
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		
						190 - 193	Stop		
	194 - 255	Counter-clockwise Slow → Fast							
21	27	19	23	19	23	0 - 255	Prism Index / Rotation Fine		127
							Fine Adjustment		
22	28	20	24	20	24	0 - 255	Focus		127
							Infinity → Near		
	29		25		25	0 - 255	Focus Fine		127
							Fine Adjustment		
23	30	21	26	21	26	0 - 255	Zoom		127
							Narrow → Wide		
24	31	22	27	22	27	0 - 255	Zoom Fine		127
							Fine Adjustment		
25	32	23	28	23	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								
26	33	24	29	24	29	0 - 255	Dimmer		0
							0% → 100%		
27	34	25	30	25	30	0 - 255	Dimmer Fine		0
							Fine Adjustment		
	35		31		31		Dimmer Modes	X	0
						0 - 20	Standard		
						21 - 40	Stage		
						41 - 60	TV		
						61 - 80	Architectural		
						81 - 100	Theatre		
101 - 120	Stage 2								

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
							Dimmer Time		
						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		
	35		31		31	131	1.0s	X	0
						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 - 255	Idle		
28	36	26	32	26	32	0 - 255	Iris Open → Closed		0
	37		33		33	0 - 255	Iris Fine Fine Adjustment		0
29	38	27	34	27	34	0 - 255	Frost (Light) Open → Closed		0
30	39	28	35	28	35	0 - 255	Frost (Wash) Open → Closed		0
31	40	29	36	29	36		Animation Wheel		
						0 - 7	Open		0
						8 - 255	Animation Min → Max		
32	41	30	37	30	37		Animation Index / Rotation		
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		64
						190 - 193	Stop		
						194 - 255	Counter-clockwise Slow → Fast		
33	42	31	38	31	38	0 - 255	Blade 1 A Open → Closed		0

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
	43		39		39	0 - 255	Blade 1 A Fine Fine Adjustment		0
34	44	32	40	32	40	0 - 255	Blade 1 B Open → Closed		0
	45		41		41	0 - 255	Blade 1 B Fine Fine Adjustment		0
35	46	33	42	33	42	0 - 255	Blade 2 A Open → Closed		0
	47		43		43	0 - 255	Blade 2 A Fine Fine Adjustment		0
36	48	34	44	34	44	0 - 255	Blade 2 B Open → Closed		0
	49		45		45	0 - 255	Blade 2 B Fine Fine Adjustment		0
37	50	35	46	35	46	0 - 255	Blade 3 A Open → Closed		0
	51		47		47	0 - 255	Blade 3 A Fine Fine Adjustment		0
38	52	36	48	36	48	0 - 255	Blade 3 B Open → Closed		0
	53		49		49	0 - 255	Blade 3 B Fine Fine Adjustment		0
39	54	37	50	37	50	0 - 255	Blade 4 A Open → Closed		0
	55		51		51	0 - 255	Blade 4 A Fine Fine Adjustment		0
40	56	38	52	38	52	0 - 255	Blade 4 B Open → Closed		0
	57		53		53	0 - 255	Blade 4 B Fine Fine Adjustment		0
41	58	39	54	39	54		Framing Rotation 0 - 126 Min (-60°) 127 - 128 Parallel (0°) 129 - 255 Max (+60°)		127
	59		55		55		Pan / Tilt Speed 0 - 225 Max → Min Speed 226 - 235 Blackout by movement 236 - 245 Blackout by wheel changes 246 - 255 No function	X	0

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
42	60	40	56	40	56		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								
121	1110								
122	1120								
123	1130								
124	1140								
125	1150								
126	1160								
127	1170								

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
42	60	40	56	40	56		Refresh Rate (Hz) (continued)	X	0
						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								
163	5000								
164	6000								
165	10000 (default)								
166	15000								
167	20000								
168	25000								
169 - 200	Idle								

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Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
42	60	40	56	40	56		Dimmer Curves	X	0
						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.