

# ELATION PARAGON LT - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL					FUNCTION	SNAP	DEFAULT VALUE
Standard	Extended	RGB Standard	RGB Extended	VALUES			
1	1	1	1	0-255	<b>Pan</b> Left → Right		127
2	2	2	2	0-255	<b>Pan Fine</b> Fine position		127
3	3	3	3	0-255	<b>Tilt</b> Forward → Backward		127
4	4	4	4	0-255	<b>Tilt Fine</b> Fine position		127
5	5	5	5	0-255	<b>Cyan</b> 0 → 100		0
	6		6	0-255	<b>Cyan Fine</b> Fine saturation		0
6	7	6	7	0-255	<b>Magenta</b> 0 → 100		0
	8		8	0-255	<b>Magenta Fine</b> Fine saturation		0
7	9	7	9	0-255	<b>Yellow</b> 0 → 100		0
	10		10	0-255	<b>Yellow Fine</b> Fine saturation		0
8	11	8	11	0-255	<b>CTO</b> Cold → Warm		0
	12		12	0-255	<b>CTO Fine</b> Fine saturation		0
		9	13	0-255	<b>Red</b> 0 → 100		0
			14	0-255	<b>Red Fine</b> Fine saturation		0
		10	15	0-255	<b>Green</b> 0 → 100		0
			16	0-255	<b>Green Fine</b> Fine saturation		0
		11	17	0-255	<b>Blue</b> 0 → 100		0
			18	0-255	<b>Blue Fine</b> Fine saturation		0
9	13	12	19		<b>CRI</b>		127
				0-126	CRI 73 - 80		
				127	CRI 80 (Highest Output)		
				128-255	CRI 80 - 93		

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Standard	Extended	RGB Standard	RGB Extended	VALUES			
10	14	13	20		<b>Color</b>	X	0
				0-27	Open		
				28-47	Red		
				48-67	Blue		
				68-87	Green		
				88-107	Quad Color		
				108-127	CTB / Color Smoothing		
					<b>Scroll</b>		
				128-189	Clockwise, fast → slow		
				190-193	Stop		
194-255	Counter-clockwise, slow → fast						
	15		21		<b>Color Fine</b>	X	0
				0-255	Position		
11	16	14	22		<b>Rotating Gobo 1</b>	X	0
				0-9	Open		
				10-19	Gobo 1		
				20-29	Gobo 2		
				30-39	Gobo 3		
				40-49	Gobo 4		
				50-59	Gobo 5		
				60-69	Gobo 6		
				70-77	Gobo 7		
				78-93	Gobo 1 shake, slow to fast		
				94-109	Gobo 2 shake, slow to fast		
				110-125	Gobo 3 shake, slow to fast		
				126-141	Gobo 4 shake, slow to fast		
				142-157	Gobo 5 shake, slow to fast		
				158-173	Gobo 6 shake, slow to fast		
				174-189	Gobo 7 shake, slow to fast		
	<b>Scroll</b>						
190-221	Clockwise scroll, fast → slow						
222-223	Stop						
224-255	Counter-clockwise scroll, slow → fast						
12	17	15	23		<b>Rotating Gobo 1 Index/Rotation</b>		0
				0-127	Index Position		
					<b>Rotate</b>		
				129-189	Clockwise, fast → slow		
				190-193	Stop		
194-255	Counter-clockwise, slow → fast						
13	18	16	24		<b>Rotating Gobo 1 Index/Rotation Fine</b>		0
				0-255	Index position		

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MODE/CHANNEL				VALUES	FUNCTION	SNAP	DEFAULT VALUE
Standard	Extended	RGB Standard	RGB Extended				
14	19	17	25		<b>Rotating Gobo 2</b>	X	0
				0-9	Open		
				10-19	Gobo 1		
				20-29	Gobo 2		
				30-39	Gobo 3		
				40-49	Gobo 4		
				50-59	Gobo 5		
				60-69	Gobo 6		
				70-77	Gobo 7		
				78-93	Gobo 1 shake, slow to fast		
				94-109	Gobo 2 shake, slow to fast		
				110-125	Gobo 3 shake, slow to fast		
				126-141	Gobo 4 shake, slow to fast		
				142-157	Gobo 5 shake, slow to fast		
				158-173	Gobo 6 shake, slow to fast		
				174-189	Gobo 7 shake, slow to fast		
					<b>Scroll</b>		
				190-221	Clockwise scroll, fast → slow		
222-223	Stop						
224-255	Counter-clockwise scroll, slow → fast						
15	20	18	26		<b>Rotating Gobo 2 Index/Rotation</b>		0
				0-127	Index Position		
					<b>Rotate</b>		
				129-189	Clockwise, fast → slow		
				190-193	Stop		
194-255	Counter-clockwise, slow → fast						
16	21	19	27		<b>Rotating Gobo 2 Index/Rotation Fine</b>		0
				0-255	Index position		
17	22	20	28		<b>Fixed Gobo</b>	X	0
				0-14	Open		
				15-39	Gobo 1		
				40-64	Gobo 2		
				65-89	Gobo 3		
				90-114	Gobo 4		
				115-139	Gobo 5		
				140-149	Gobo 1 Shake, slow to fast		
				150-159	Gobo 2 Shake, slow to fast		
				160-169	Gobo 3 Shake, slow to fast		
				170-179	Gobo 4 Shake, slow to fast		
				180-189	Gobo 5 Shake, slow to fast		
					<b>Scroll</b>		
				190-221	Clockwise, fast → slow		
222-223	Stop						
224-255	Counter-clockwise, slow → fast						
	23		29		<b>Fixed Gobo Fine</b>	X	0
0-255				Position			
18	24	21	30		<b>Rotating Prism 1</b>	X	0
				0-63	Open		
				64-255	4-facet		

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MODE/CHANNEL					FUNCTION	SNAP	DEFAULT VALUE
Standard	Extended	RGB Standard	RGB Extended	VALUES			
19	25	22	31		<b>Rotating Prism 1 Index/Rotation</b>		0
				0-127	Index position		
					<b>Rotate</b>		
				128-189	Clockwise, fast → slow		
				190-193	Stop		
	194-255	Counter-clockwise, slow → fast					
	26		32		<b>Rotating Prism 1 Index/Rotation Fine</b>		0
		0-255		Index position			
20	27	23	33		<b>Rotating Prism 2</b>	X	0
				0-63	Open		
				64-255	4-facet linear		
21	28	24	34		<b>Rotating Prism 2 Index/Rotation</b>		0
				0-127	Index position		
					<b>Rotate</b>		
				128-189	Clockwise, fast → slow		
				190-193	Stop		
	194-255	Counter-clockwise, slow → fast					
	29		35		<b>Rotating Prism 2 Index/Rotation Fine</b>		0
		0-255		Index position			
22	30	25	36		<b>Focus</b>		127
				0-255	Infinity → Near		
23	31	26	37		<b>Focus Fine</b>		127
				0-255	Fine adjustment		
24	32	27	38		<b>Zoom</b>		127
				0-255	Narrow → Wide		
25	33	28	39		<b>Zoom Fine</b>		127
				0-255	Fine adjustment		

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MODE/CHANNEL					FUNCTION	SNAP	DEFAULT VALUE
Standard	Extended	RGB Standard	RGB Extended	VALUES			
	34		40		<b>Auto Focus</b>	X	0
				0-4	Auto Focus Off		
				5-9	5.0m		
				10-14	5.2m		
				15-19	5.4m		
				20-24	5.6m		
				25-29	5.8m		
				30-34	6.0m		
				35-39	6.3m		
				40-44	6.5m		
				45-49	6.8m		
				50-54	7.0m		
				55-59	7.3m		
				60-64	7.5m		
				65-69	7.7m		
				70-74	8.0m		
				75-79	8.3m		
				80-84	8.5m		
				85-89	8.7m		
				90-94	9.0m		
				95-99	9.3m		
				100-104	9.5m		
				105-109	9.8m		
				110-114	10.0m		
				115-119	10.5m		
				120-124	11.0m		
				125-129	11.5m		
				130-134	12.0m		
				135-139	12.5m		
				140-144	13.0m		
	145-149	13.5m					
	150-154	14.0m					
	155-159	14.5m					
	160-164	15.0m					
	165-169	15.5m					
	170-174	16.0m					
	175-179	16.5m					
	180-184	17.0m					
	185-189	17.5m					
	190-194	18.0m					
	195-199	18.5m					
	200-204	19.0m					
	205-209	19.5m					
	210-214	20.0m					
	215-255	Idle					
	35		41		<b>Auto Focus Fine</b>	X	0
				0-255	Fine adjustment		

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MODE/CHANNEL					FUNCTION	SNAP	DEFAULT VALUE
Standard	Extended	RGB Standard	RGB Extended	VALUES			
26	36	29	42		<b>Shutter / Strobe</b>	X	50
				0-31	Closed		
				32-63	Open		
				64-95	Strobe, slow → fast		
				96-127	Open		
				128-159	Pulse effect		
				160-191	Open		
				192-223	Random Strobe, slow → fast		
				224-255	Open		
27	37	30	43		<b>Dimmer</b>		0
				0-255	Intensity 0 → 100%		
28	38	31	44		<b>Dimmer Fine</b>		0
				0-255	Fine adjustment		
29	39	32	45		<b>Dim Modes</b>	X	0
				0-20	Standard		
				21-40	Stage		
				41-60	TV		
				61-80	Architectural		
				81-100	Theatre		
				101-120	Stage 2		
					<b>Dimmer Delay Time</b>		
				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	10.0s						
				142-255	Idle		
30	40	33	46		<b>Iris</b>		0
				0-191	Open → Close		
				192-223	Pulse Closing, fast → slow		
				224-255	Pulse Opening, slow → fast		
	41		47		<b>Iris Fine</b>		0
				0-255	Fine adjustment		

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MODE/CHANNEL					FUNCTION	SNAP	DEFAULT VALUE
Standard	Extended	RGB Standard	RGB Extended	VALUES			
31	42	34	48	0-255	<b>Frost 1 (Soft)</b> Open → Max		0
32	43	35	49	0-255	<b>Frost 2 (Wash)</b> Open → Max		0
33	44	36	50		<b>Animation Wheel</b>		0
				0-7	Open		
				8-127	Minimum to Vertical		
				128	Vertical		
				129-254	Vertical to Horizontal		
	255	Horizontal					
34	45	37	51		<b>Animation Index</b>		64
				0-127	Position		
					<b>Scroll</b>		
				128-189	Clockwise, fast → slow		
				190-193	Stop		
	194-255	Counter-clockwise, slow → fast					
35	46	38	52	0-255	<b>Blade 1A</b> Open → Closed		0
	47		53	0-255	<b>Blade 1A Fine</b> Fine adjustment		0
36	48	39	54	0-255	<b>Blade 1B</b> Open → Closed		0
	49		55	0-255	<b>Blade 1B Fine</b> Fine adjustment		0
37	50	40	56	0-255	<b>Blade 2A</b> Open → Closed		0
	51		57	0-255	<b>Blade 2A Fine</b> Fine adjustment		0
38	52	41	58	0-255	<b>Blade 2B</b> Open → Closed		0
	53		59	0-255	<b>Blade 2B Fine</b> Fine adjustment		0
39	54	42	60	0-255	<b>Blade 3A</b> Open → Closed		0
	55		61	0-255	<b>Blade 3A Fine</b> Fine adjustment		0
40	56	43	62	0-255	<b>Blade 3B</b> Open → Closed		0
	57		63	0-255	<b>Blade 3B Fine</b> Fine adjustment		0
41	58	44	64	0-255	<b>Blade 4A</b> Open → Closed		0
	59		65	0-255	<b>Blade 4A Fine</b> Fine adjustment		0
42	60	45	66	0-255	<b>Blade 4B</b> Open → Closed		0
	61		67	0-255	<b>Blade 4B Fine</b> Fine adjustment		0

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MODE/CHANNEL					FUNCTION	SNAP	DEFAULT VALUE
Standard	Extended	RGB Standard	RGB Extended	VALUES			
43	62	46	68		<b>Framing Rotation</b>		127
				0-126	Min (-120°)		
				127-128	Parallel (0°)		
				129-255	Max (+120°)		
	63		69		<b>Framing Rotation Fine</b>		0
				0-255	Fine adjustment		
	64		70		<b>Framing Macro Speed</b>		0
				0-255	Max → Min Speed		
	65		71		<b>Framing Macro</b>	X	0
				0-7	Off		
				8-15	Macro 1		
				16-23	Macro 2		
				24-31	Macro 3		
				32-39	Macro 4		
				40-47	Macro 5		
				48-55	Macro 6		
				56-63	Macro 7		
				64-71	Macro 8		
				72-79	Macro 9		
				80-87	Macro 10		
				88-95	Macro 11		
				96-103	Macro 12		
				104-111	Macro 13		
				112-119	Macro 14		
				120-127	Macro 15		
				128-135	Macro 16		
				136-143	Macro 17		
				144-151	Macro 18		
				152-159	Macro 19		
				160-167	Macro 20		
				168-175	Macro 21		
				176-183	Macro 22		
				184-191	Macro 23		
				192-199	Macro 24		
				200-207	Macro 25		
				208-215	Macro 26		
				216-223	Macro 27		
				224-231	Macro 28		
				232-239	Macro 29		
	240-247	Macro 30					
	248-255	Macro 31					
	66		72		<b>Pan/Tilt Speed</b>	X	0
				0-225	Max → Min Speed		
				226-235	Blackout by movement		
				236-245	Blackout by wheel changes		
				246-255	No Function		

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Standard	Extended	RGB Standard	RGB Extended	VALUES			
44	67	47	73		<b>Control</b>	X	0
				0-19	Wheel Snap		
				20-29	Color Wheel Fade		
				30-39	Color/Gobo Wheel Fade		
					<b>Fan Mode</b>		
				40-44	Mute		
				45-49	Studio		
				50-54	Low		
				55-59	High		
				60-64	Turbo		
				65-69	Auto (default)		
					Preheat		
				70-71	Preheat Mode Off		
				72-73	Preheat Mode 1 (default)		
				74-75	Preheat Mode 2		
				76-79	Idle		
					<b>Reset</b>		
				80-84	Fixture		
				85-87	Pan Tilt		
				88-90	Color		
				91-93	Gobo		
				94-96	Focus Zoom		
				97-99	Other Features		
					<b>Refresh Rate (Hz)</b>		
				100-168	Refresh Rate (900Hz - 25KHz), see Refresh Rates Table		
				169-170	Ultra Dimming 25KHz (default)		
					<b>CMY Speed</b>		
				171	CMY Smooth		
				172	CMY Fast (default)		
				173-174	Hibernation Off		
				175-176	Hibernation		
				177-178	Sun Protection On (default)		
				179-180	Sun Protection Off		
				181-190	Pan Tilt Smooth		
				191-200	Pan Tilt Fast (default)		
					<b>Dimmer Curve</b>		
				201-210	Linear		
				211-220	Square		
				221-230	Inverse Square		
				231-240	S-Curve (default)		
241-242	Color Smoothing Disabled						
243-244	Color Smoothing Enabled (default)						
	<b>Theater Mode</b> (automatically activated when Mute or Studio fan modes are selected)						
245-246	Fastest Speeds (default)						
247-249	Quiet Speeds						
250-251	Display Off						
252-253	Display On (default)						
254-255	Idle						