

# ELATION PARAGON S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
1	1	0-255	<b>Pan</b>		127
			Left → Right		
2	2	0-255	<b>Pan Fine</b>		127
			Fine position		
3	3	0-255	<b>Tilt</b>		127
			Forward → Backward		
4	4	0-255	<b>Tilt Fine</b>		127
			Fine position		
5	5	0-255	<b>Cyan</b>		0
			0 → 100		
	6	0-255	<b>Cyan Fine</b>		0
			Fine saturation		
6	7	0-255	<b>Magenta</b>		0
			0 → 100		
	8	0-255	<b>Magenta Fine</b>		0
			Fine saturation		
7	9	0-255	<b>Yellow</b>		0
			0 → 100		
	10	0-255	<b>Yellow Fine</b>		0
			Fine saturation		
8	11	0-255	<b>CTO</b>		0
			Cold → Warm		
	12	0-255	<b>CTO Fine</b>		0
			Fine saturation		
9	13		<b>CRI</b>		127
		0-126	CRI 73 - 80		
		127	CRI 80 (Highest Output)		
		128-255	CRI 80 - 93		
10	14		<b>Color</b>	X	0
		0-15	Open		
		16-31	Red		
		32-47	Blue		
		48-63	Purple		
		64-79	Green		
		80-95	UV		
		96-111	Quad Color		
		112-127	CTB		
			<b>Scroll</b>		
		128-189	Clockwise, fast → slow		
		190-193	Stop		
194-255	Counter-clockwise, slow → fast				
	15	0-255	<b>Color Fine</b>	X	0
			Position		

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE		
STANDARD	EXTENDED	VALUES					
11	16		<b>Rotating Gobo</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		<b>Rotating Gobo 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		<b>Rotating Gobo Index/Rotation Fine</b>		0		
0-255	Index position						
14	19		<b>Fixed Gobo</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				
		70-79	Gobo 7				
		80-89	Gobo 8				
		90-99	Gobo 9				
		100-109	Gobo 1 Shake, slow to fast				
		110-119	Gobo 2 Shake, slow to fast				
		120-129	Gobo 3 Shake, slow to fast				
		130-139	Gobo 4 Shake, slow to fast				
		140-149	Gobo 5 Shake, slow to fast				
		150-159	Gobo 6 Shake, slow to fast				
160-169	Gobo 7 Shake, slow to fast						
170-179	Gobo 8 Shake, slow to fast						
180-189	Gobo 9 Shake, slow to fast						

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
14	19		<b>Scroll</b>	X	0
		190-221	Clockwise, fast → slow		
		222-223	Stop		
		224-255	Counter-clockwise. slow → fast		
	20		<b>Fixed Gobo Fine</b>		0
		0-255	Position		
15	21		<b>Rotating Prism 1</b>	X	0
		0-63	Open		
		64-255	4-facet		
16	22		<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		
	23		<b>Rotating Prism 1 Index/Rotation Fine</b>		0
		0-255	Index position		
17	24		<b>Rotating Prism 2</b>	X	0
		0-63	Open		
		64-255	4-facet linear		
18	25		<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		
	26		<b>Rotating Prism 2 Index/Rotation Fine</b>		0
		0-255	Index position		
19	27		<b>Focus</b>		127
		0-255	Infinity → Near		
20	28		<b>Focus Fine</b>		127
		0-255	Fine adjustment		
21	29		<b>Zoom</b>		127
		0-255	Narrow → Wide		
22	30		<b>Zoom Fine</b>		127
		0-255	Fine adjustment		

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
			<b>Auto Focus</b>		
		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		
	31	100-104	9.5m		0
		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		
	32		<b>Auto Focus Fine</b>		0
		0-255	Fine adjustment		

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MODE/CHANNEL		VALUES	FUNCTION	SNAP	DEFAULT VALUE	
STANDARD	EXTENDED					
23	33		<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				
24	34		<b>Dimmer</b>		0	
		0-255	Intensity 0 → 100%			
25	35		<b>Dimmer Fine</b>		0	
		0-255	Fine adjustment			
26	36		<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				
27	37		<b>Iris</b>		0	
		0-191	Open → Close			
		192-223	Pulse Closing, fast → slow			
	224-255	Pulse Opening, slow → fast				
	38		<b>Iris Fine</b>		0	
		0-255	Fine adjustment			

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE	
STANDARD	EXTENDED	VALUES				
28	39		<b>Frost 1 (Soft)</b>		0	
		0-255	Open → Max			
29	40		<b>Frost 2 (Wash)</b>		0	
		0-255	Open → Max			
30	41		<b>Animation Wheel</b>		0	
		0-7	Open			
		8-255	Min → Max			
				<b>Fixed Gobo Wheel 2 (Optional)</b>		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			
		70-79	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, fast → slow					
222-223	Stop					
224-255	Counter-clockwise, slow → fast					
31	42		<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			
		<b>Fixed Gobo 2 Fine (Optional)</b>		127		
32	43	0-255	<b>Blade 1A</b>		0	
			Open → Closed			
	44	0-255	<b>Blade 1A Fine</b>		0	
			Fine adjustment			
33	45	0-255	<b>Blade 1B</b>		0	
			Open → Closed			
	46	0-255	<b>Blade 1B Fine</b>		0	
			Fine adjustment			
34	47	0-255	<b>Blade 2A</b>		0	
			Open → Closed			
	48	0-255	<b>Blade 2A Fine</b>		0	
			Fine adjustment			
35	49	0-255	<b>Blade 2B</b>		0	
			Open → Closed			
	50	0-255	<b>Blade 2B Fine</b>		0	
			Fine adjustment			

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
36	51	0-255	<b>Blade 3A</b> Open → Closed		0
	52	0-255	<b>Blade 3A Fine</b> Fine adjustment		0
37	53	0-255	<b>Blade 3B</b> Open → Closed		0
	54	0-255	<b>Blade 3B Fine</b> Fine adjustment		0
38	55	0-255	<b>Blade 4A</b> Open → Closed		0
	56	0-255	<b>Blade 4A Fine</b> Fine adjustment		0
39	57	0-255	<b>Blade 4B</b> Open → Closed		0
	58	0-255	<b>Blade 4B Fine</b> Fine adjustment		0
40	59	0-126	<b>Framing Rotation</b> Min (-120°)		127
		127-128	Parallel (0°)		
		129-255	Max (+120°)		
	60	0-255	<b>Framing Rotation Fine</b> Fine adjustment		0
	61	0-255	<b>Framing Macro Speed</b> Max → Min Speed		0
	62		<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			

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MODE/CHANNEL		VALUES	FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED				
			<b>Framing Macro (continued)</b>		
	62	200-207	Macro 25	X	0
		208-215	Macro 26		
		216-223	Macro 27		
		224-231	Macro 28		
		232-239	Macro 29		
		240-247	Macro 30		
		248-255	Macro 31		
			<b>Pan/Tilt Speed</b>		
	63	0-225	Max → Min Speed	X	0
		226-235	Blackout by movement		
		236-245	Blackout by wheel changes		
		246-255	No Function		
			<b>Control</b>		
		0-19	Wheel Snap	X	0
		20-29	Color Wheel Fade		
		30-39	Color/Gobo Wheel Fade		
			<b>Fan Mode</b>		
		40-44	Studio		
		45-49	Mute		
		50-59	Low		
		60-69	High		
		70-79	Auto (default)		
			<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>		
41	64	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		



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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
41	64		<b>Refresh Rate (Hz) (continued)</b>	X	0
		119	1090		
		120	1100		
		121	1110		
		122	1120		
		123	1130		
		124	1140		
		125	1150		
		126	1160		
		127	1170		
		128	1180		
		129	1190		
		130	1200 (default)		
		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		
		166	15000		
		167	20000		
168	25000				

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
41	64	169-170	CMY Smooth	X	0
		171-172	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 (default)		
		243-244	Color Smoothing Enabled		
		245-249	Idle		
		250-251	Display Off		
		252-253	Display On (default)		
254-255	Idle				