

ELATION PARAGON S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
1	1	0-255	Pan		127
			Left → Right		
2	2	0-255	Pan Fine		127
			Fine position		
3	3	0-255	Tilt		127
			Forward → Backward		
4	4	0-255	Tilt Fine		127
			Fine position		
5	5	0-255	Cyan		0
			0 → 100		
	6	0-255	Cyan Fine		0
			Fine saturation		
6	7	0-255	Magenta		0
			0 → 100		
	8	0-255	Magenta Fine		0
			Fine saturation		
7	9	0-255	Yellow		0
			0 → 100		
	10	0-255	Yellow Fine		0
			Fine saturation		
8	11	0-255	CTO		0
			Cold → Warm		
	12	0-255	CTO Fine		0
			Fine saturation		
9	13		CRI		127
		0-126	CRI 73 - 80		
		127	CRI 80 (Highest Output)		
		128-255	CRI 80 - 93		
10	14		Color	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		
			Scroll		
		128-189	Clockwise, fast → slow		
		190-193	Stop		
194-255	Counter-clockwise, slow → fast				
	15	0-255	Color Fine	X	0
			Position		

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE		
STANDARD	EXTENDED	VALUES					
11	16		Rotating Gobo	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				
							Scroll
190-221	Clockwise scroll, fast → slow						
222-223	Stop						
224-255	Counter-clockwise scroll, slow → fast						
12	17		Rotating Gobo Index/Rotation		0		
		0-127	Index Position				
			Rotate				
		129-189	Clockwise, fast → slow				
		190-193	Stop				
194-255	Counter-clockwise, slow → fast						
13	18		Rotating Gobo Index/Rotation Fine		0		
0-255	Index position						
14	19		Fixed Gobo	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		Scroll	X	0
		190-221	Clockwise, fast → slow		
		222-223	Stop		
		224-255	Counter-clockwise. slow → fast		
	20		Fixed Gobo Fine		0
		0-255	Position		
15	21		Rotating Prism 1	X	0
		0-63	Open		
		64-255	4-facet		
16	22		Rotating Prism 1 Index/Rotation		0
		0-127	Index position		
			Rotate		
		128-189	Clockwise, fast → slow		
		190-193	Stop		
		194-255	Counter-clockwise, slow → fast		
	23		Rotating Prism 1 Index/Rotation Fine		0
		0-255	Index position		
17	24		Rotating Prism 2	X	0
		0-63	Open		
		64-255	4-facet linear		
18	25		Rotating Prism 2 Index/Rotation		0
		0-127	Index position		
			Rotate		
		128-189	Clockwise, fast → slow		
		190-193	Stop		
		194-255	Counter-clockwise, slow → fast		
	26		Rotating Prism 2 Index/Rotation Fine		0
		0-255	Index position		
19	27		Focus		127
		0-255	Infinity → Near		
20	28		Focus Fine		127
		0-255	Fine adjustment		
21	29		Zoom		127
		0-255	Narrow → Wide		
22	30		Zoom Fine		127
		0-255	Fine adjustment		

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
			Auto Focus		
		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		Auto Focus Fine		0
		0-255	Fine adjustment		

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MODE/CHANNEL		VALUES	FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED				
23	33		Shutter / Strobe	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		Dimmer		0
		0-255	Intensity 0 → 100%		
25	35		Dimmer Fine		0
		0-255	Fine adjustment		
26	36		Dim Modes	X	0
		0-20	Standard		
		21-40	Stage		
		41-60	TV		
		61-80	Architectural		
		81-100	Theatre		
		101-120	Stage 2		
			Dimmer Delay 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		
		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		Iris		0
		0-191	Open → Close		
		192-223	Pulse Closing, fast → slow		
		224-255	Pulse Opening, slow → fast		
	38		Iris Fine		0
0-255		Fine adjustment			

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE	
STANDARD	EXTENDED	VALUES				
28	39		Frost 1 (Soft)		0	
		0-255	Open → Max			
29	40		Frost 2 (Wash)		0	
		0-255	Open → Max			
30	41		Animation Wheel		0	
		0-7	Open			
		8-255	Min → Max			
				Fixed Gobo Wheel 2 (Optional)		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			
				Scroll		
190-221	Clockwise, fast → slow					
222-223	Stop					
224-255	Counter-clockwise, slow → fast					
31	42		Animation Index		64	
		0-127	Position			
			Scroll			
		128-189	Clockwise, fast → slow			
		190-193	Stop			
		194-255	Counter-clockwise, slow → fast			
		Fixed Gobo 2 Fine (Optional)		127		
0-255	Fine adjustment					
32	43	0-255	Blade 1A Open → Closed		0	
	44	0-255	Blade 1A Fine Fine adjustment		0	
33	45	0-255	Blade 1B Open → Closed		0	
	46	0-255	Blade 1B Fine Fine adjustment		0	
34	47	0-255	Blade 2A Open → Closed		0	
	48	0-255	Blade 2A Fine Fine adjustment		0	
35	49	0-255	Blade 2B Open → Closed		0	
	50	0-255	Blade 2B Fine Fine adjustment		0	

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MODE/CHANNEL			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
36	51	0-255	Blade 3A		0
			Open → Closed		
	52	0-255	Blade 3A Fine		0
			Fine adjustment		
37	53	0-255	Blade 3B		0
			Open → Closed		
	54	0-255	Blade 3B Fine		0
			Fine adjustment		
38	55	0-255	Blade 4A		0
			Open → Closed		
	56	0-255	Blade 4A Fine		0
			Fine adjustment		
39	57	0-255	Blade 4B		0
			Open → Closed		
	58	0-255	Blade 4B Fine		0
			Fine adjustment		
40	59	0-126	Framing Rotation Min (-120°)		127
		127-128	Parallel (0°)		
		129-255	Max (+120°)		
	60	0-255	Framing Rotation Fine		0
			Fine adjustment		
	61	0-255	Framing Macro Speed		0
			Max → Min Speed		
	62		Framing Macro	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			FUNCTION	SNAP	DEFAULT VALUE
STANDARD	EXTENDED	VALUES			
			Framing Macro (continued)		
	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		
			Pan/Tilt Speed		
	63	0-225	Max → Min Speed	X	0
		226-235	Blackout by movement		
		236-245	Blackout by wheel changes		
		246-255	No Function		
			Control		
	64	0-19	Wheel Snap	X	0
		20-29	Color Wheel Fade		
		30-39	Color/Gobo Wheel Fade		
			Fan Mode		
		40-44	Studio		
		45-49	Mute		
		50-59	Low		
		60-69	High		
		70-79	Auto (default)		
			Reset		
		80-84	Fixture		
		85-87	Pan Tilt		
		88-90	Color		
		91-93	Gobo		
		94-96	Focus Zoom		
		97-99	Other Features		
			Refresh Rate (Hz)		
41		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		Refresh Rate (Hz) (continued)	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)		
			Dimmer Curve		
		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				