

ELATION PROTEUS ATLAS - DMX TRAITS

Standard	Extended	Value	Function	
1	1	0-255	Pan	
			Left → Right	
2	2	0-255	Pan Fine	
			Fine Position	
3	3	0-255	Tilt	
			Forward → Backward	
4	4	0-255	Tilt Fine	
			Fine Position	
5	5	0 - 2	Pan Rotate	
			Disabled	
			3 - 126	Rotating Clockwise Fast → Slow
			127 - 129	No rotation (Fixture stops at its current position)
			130 - 253	Rotating Counter-Clockwise Fast → Slow
6	6	0-255	Cyan	
			0 → 100%	
7	7	0-255	Cyan Fine	
			Fine Saturation	
8	8	0-255	Magenta	
			0 → 100%	
9	9	0-255	Magenta Fine	
			Fine Saturation	
10	10	0-255	Yellow	
			0 → 100%	
11	11	0-255	Yellow Fine	
			Fine Saturation	
9	12	0-255	Color	
			0-2	Open
			3-7	Color 1
			8-12	Color 2
			13-17	Color 3
			18-22	Color 4
			23-27	Color 5
			28-32	Color 6
			33-37	Color 7
			38-42	Color 8
			43-47	Color 9
			48-52	Color 10
			53-57	Color 11
			58-62	Color 12
			63-67	Color 13
			68-72	Color 14
			73-77	Color 15
			78-82	Color 16
			83-87	Color 17
			88-92	Color 18
			93-97	Color 19
			98-102	Color 20
			103-107	Color 21
			108-112	Color 22
			113-117	Color 23
118-122	Color 24			
123-127	Color 25			
12	13	0-255	Scroll	
			128-189	Clockwise Fast → Slow
			190-193	Stop
			194-255	Counter-clockwise Slow → Fast

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Standard	Extended	Value	Function		
	13	0-255	Color Fine Position		
10	14		Rotating Gobo		
		0-7	Open		
		8-14	Rotating Gobo 1		
		15-21	Rotating Gobo 2		
		22-28	Rotating Gobo 3		
		29-35	Rotating Gobo 4		
		36-42	Rotating Gobo 5		
		43-49	Rotating Gobo 6		
		50-56	Rotating Gobo 7		
		57-63	Rotating Gobo 8		
		64-70	Rotating Gobo 9		
		71-77	Rotating Gobo 10		
		78-84	Rotating Gobo 11		
		85-91	Rotating Gobo 12		
		92-98	Rotating Gobo 13		
		99-105	Gobo 1 Shake Slow → Fast		
		106-112	Gobo 2 Shake Slow → Fast		
		113-119	Gobo 3 Shake Slow → Fast		
		120-126	Gobo 4 Shake Slow → Fast		
		127-133	Gobo 5 Shake Slow → Fast		
		134-140	Gobo 6 Shake Slow → Fast		
		141-147	Gobo 7 Shake Slow → Fast		
		148-154	Gobo 8 Shake Slow → Fast		
		155-161	Gobo 9 Shake Slow → Fast		
		162-168	Gobo 10 Shake Slow → Fast		
		169-175	Gobo 11 Shake Slow → Fast		
		176-182	Gobo 12 Shake Slow → Fast		
		183-189	Gobo 13 Shake Slow → Fast		
					Scroll
				190-221	Clockwise Fast → Slow
		222-223	Stop		
		224-255	Counter-clockwise Slow → Fast		
11	15		Rotating Gobo Index/ Rotation		
		0-127	Index Position		
			Rotate		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
12	16	0-255	Rotating gobo fine indexing:		
			Fine indexing		

DMX TRAITS

Standard	Extended	Value	Function
13	17		Fixed gobo
		0-45	Open
		46-48	Gobo 1
		49-51	Gobo 2
		52-54	Gobo 3
		55-57	Gobo 4
		58-60	Gobo 5
		61-63	Gobo 6
		64-66	Gobo 7
		67-69	Gobo 8
		70-72	Gobo 9
		73-75	Gobo 10
		76-78	Gobo 11
		79-81	Gobo 12
		82-84	Gobo 13
		85-87	Gobo 14
		88-90	Gobo 15
		91-93	Gobo 16
		94-96	Gobo 17
		97-99	Gobo 18
		100-102	Gobo 19
		103-105	Gobo 20
		106-108	Gobo 21
		109-111	Gobo 22
		112-114	Gobo 23
		115-117	Gobo 24
		118-120	Gobo 1 shake slow to fast
		121-123	Gobo 2 shake slow to fast
		124-126	Gobo 3 shake slow to fast
		127-129	Gobo 4 shake slow to fast
		130-132	Gobo 5 shake slow to fast
		133-135	Gobo 6 shake slow to fast
		136-138	Gobo 7 shake slow to fast
		139-141	Gobo 8 shake slow to fast
		142-144	Gobo 9 shake slow to fast
		145-147	Gobo 10 shake slow to fast
		148-150	Gobo 11 shake slow to fast
		151-153	Gobo 12 shake slow to fast
		154-156	Gobo 13 shake slow to fast
		157-159	Gobo 14 shake slow to fast
		160-162	Gobo 15 shake slow to fast
		163-165	Gobo 16 shake slow to fast
166-168	Gobo 17 shake slow to fast		
169-171	Gobo 18 shake slow to fast		
172-174	Gobo 19 shake slow to fast		
175-177	Gobo 20 shake slow to fast		
178-180	Gobo 21 shake slow to fast		
181-183	Gobo 22 shake slow to fast		
184-186	Gobo 23 shake slow to fast		
187-189	Gobo 24 shake slow to fast		
	Scroll		
190-221	Clockwise Fast → Slow		
222-223	Stop		
224-255	Counter-clockwise Slow → Fast		

DMX TRAITS

Standard	Extended	Value	Function
	18	0-255	Fixed gobo indexing Fine: Fine indexing
14	19		Rotating Prism 1
		0-15	Open
		16-75	4 Facet
		76-135	16 Facet
		136-195	6 Facet Linear
		196-255	Open
15	20		Rotating Prism 1 Index/Rotation
		0-127	Index Position
			Rotate
		128-189	Clockwise Fast → Slow
		190-193	Stop
		194-255	Counter-clockwise Slow → Fast
	21	0-255	Rotating Prism 1 Index/Rotation Fine Position
16	22		Rotating Prism 2
		0-15	Open
		16-75	4 Facet Linear
		76-135	5 Facet
		136-195	8+8 Facet
		196-255	Open
17	23		Rotating Prism 2 Index/Rotation
		0-127	Index Position
			Rotate
		128-189	Clockwise Fast → Slow
		190-193	Stop
		194-255	Counter-clockwise Slow → Fast
	24	0-255	Rotating Prism 2 Index/Rotation Fine Position
18	25	0 – 255	Frost 1 (Soft) Open → Max
19	26	0 – 255	Frost 2 (Wash) Open → Max
20	27	0-255	Focus Infinity → Near
21	28	0-255	Focus Fine Fine Adjustment
22	29	0-255	Zoom Narrow → Wide
23	30	0-255	Zoom Fine Fine Adjustment
24	31		Shutter/Strobe
		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		

DMX TRAITS

Standard	Extended	Value	Function
25	32	0-255	Dimmer
			Intensity 0 → 100%
26	33	0-255	Dimmer Fine
			Fine Adjustment
	34		Dim Modes
		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	10s		
142-255	Idle		
	35		Color Macro Speed
		0-255	Max → Min Speed

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Standard	Extended	Value	Function
			Color Macros
		0-31	OFF
		32-39	Macro1
		40-47	Macro2
		48-55	Macro3
		56-63	Macro4
		64-71	Macro5
		72-79	Macro6
		80-87	Macro7
		88-95	Macro8
		96-103	Macro9
		104-111	Macro10
		112-119	Macro11
		120-127	Macro12
		128-135	Macro13
		136-143	Macro14
		144-151	Macro15
		152-159	Macro16
		160-167	Macro17
		168-175	Macro18
		176-183	Macro19
		184-191	Macro20
		192-199	Macro21
		200-207	Macro22
		208-215	Macro23
		216-223	Macro24
		224-231	Macro25
		232-239	Macro26
		240-247	Macro27
		248-255	Random CMY
			Pan / Tilt Speed:
		0-225	Max → Min Speed
		226-235	Blackout by movement
		236-245	Blackout by wheel changes
		246-255	No function
			Control
		0-10	Idle
		11-12	Color change normal
		13-14	Color change to any position
		15-16	Color & gobo change to any position
			Fan
		17-18	Low
		19-20	High
		21-22	Auto
			Motion
		23-24	Pan Tilt Smooth
		25-26	Pan Tilt Fast
		27-28	Pan Tilt Break Smooth
		29-30	Pan Tilt Break Fast
		31-32	Pan Shortest Path
		33-34	Pan Continue Path
		35-36	Pan Range 540
		37-38	Pan Range 360
		39-40	Pan Range 360 Short
		41-79	Idle
	36		
	37		
27	38		

DMX TRAITS

Standard	Extended	Value	Function
27	38		Reset
		80-84	Fixture
		85-87	Pan Tilt
		88-90	Color
		91-93	Gobo
		94-96	Beam
		97-99	Other Features
			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
		128	1180
		129	1190
		130	1200
131	1210		
132	1220		
133	1230		
134	1240		
135	1250		
136	1260		
137	1270		
138	1280		
139	1290		

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Standard	Extended	Value	Function
26	36	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
		169-170	Vent Cleaning On
		171-172	Vent Cleaning Off
		173-174	Hibernation Off
		175-176	Hibernation
		177-178	Sun Protection On
		179-180	Sun Protection Off
		181-200	Idle
	Dimmer Curve		
201-210	Linear		
211-220	Square		
221-230	Inverse Square		
231-240	S-Curve		
241-249	Idle		
250-251	Display Off		
252-253	Display On		
254-255	Idle		