

ELATION REBEL PROFILE - DMX TRAITS

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
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		Pan Rotation		
		0-128	no function		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
6	6	0-255	Cyan		
			0 → 100%		
			SFX		
		0-170	0 → 100%		
		171-189	100% → 0%		
		190-221	Clockwise Fast → Slow		
		222-223	Stop		
224-255	Counter-clockwise Slow → Fast				
	7	0-255	Cyan Fine		
			Fine Saturation		
7	8	0-255	Magenta		
			0 → 100%		
			SFX		
		0-170	0 → 100%		
		171-189	100% → 0%		
		190-221	Clockwise Fast → Slow		
		222-223	Stop		
224-255	Counter-clockwise Slow → Fast				
	9	0-255	Magenta Fine		
			Fine Saturation		
8	10	0-255	Yellow		
			0 → 100%		
			SFX		
		0-170	0 → 100%		
		171-189	100% → 0%		
		190-221	Clockwise Fast → Slow		
		222-223	Stop		
224-255	Counter-clockwise Slow → Fast				
	11	0-255	Yellow Fine		
			Fine Saturation		

DMX TRAITS

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
9	12	0-255	CTO		
			Open → 2700K		
	13	0-255	CTO Fine		
			Fine Saturation		
10	14		CMY Mix Mode	X	
		0-127	Full		
		128-255	SFX		
11	15		Color	X	
		0-5	Open		
		6-15	Color 1		
		16-31	Color 2		
		32-47	Color 3		
		48-63	Color 4		
		64-79	Color 5		
		80-95	Color 6		
		96-111	Color 7		
		112-127	Open		
			Scroll		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
194-255	Counter-clockwise Slow → Fast				
12	16		Rotating Gobo	X	
		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 Fast → Slow		
		222-223	Stop		
224-255	Counter-clockwise Slow → Fast				

DMX TRAITS

Features subject to change without notice

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
13	17		Rotating Gobo Index/Rotation		
		0-127	Index Position		
			Rotate		
		128-190	Clockwise Fast → Slow		
		191-192	Stop		
		193-255	Counter-clockwise Slow → Fast		
14	18	0-255	Rotating Gobo Index/Rotation Fine		
			Fine Adjustment		
15	19		Fixed Gobo		
		0-5	Open		
		6-12	Gobo 1		
		13-19	Gobo 2		
		20-26	Gobo 3		
		27-33	Gobo 4		
		34-40	Gobo 5		
		41-47	Gobo 6		
		48-54	Gobo 7		
		55-61	Gobo 8		
		62-77	Gobo 1 Shake, slow to fast		
		78-93	Gobo 2 Shake, slow to fast		
		94-109	Gobo 3 Shake, slow to fast		
		110-125	Gobo 4 Shake, slow to fast		
		126-141	Gobo 5 Shake, slow to fast		
		142-157	Gobo 6 Shake, slow to fast		
		158-173	Gobo 7 Shake, slow to fast		
		174-189	Gobo 8 Shake, slow to fast		
			Scroll		
		190-221	Clockwise Fast → Slow		
222-223	Stop				
224-255	Counter-clockwise Slow → Fast				

DMX TRAITS

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
16	20		Prism1	X	64
		0-5	Open		
		6-255	Prism 1		
17	21		Prism 1 Index/Rotation		
		0-127	Index Position		
			Rotate		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
	22	0-255	Prism 1 Index/Rotation Fine Fine Adjustment		
18	23		Prism2	X	64
		0-5	Open		
		6-255	Prism 2		
19	24		Prism 2 Index/Rotation		
		0-127	Index Position		
			Rotate		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
	25	0-255	Prism 2 Index/Rotation Fine Fine Adjustment		
20	26	0-255	Focus Infinity → Near		
21	27	0-255	Focus Fine Fine Adjustment		
22	28	0-255	Zoom Narrow → Wide		
23	29	0-255	Zoom Fine Fine Adjustment		
24	30		Strobe	X	
		0-31	Closed		
		32-63	Open		
		64-95	Strobe effect slow to fast		
		96-127	Open		
		128-159	Pulse Effect		
		160-191	Open		
		192-223	Random Slow → Fast		
224-255	Open				

DMX TRAITS

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
25	31	0-255	Dimmer 0 → 100%		
26	32	0-255	Dimmer Fine Fine Adjustment		
	33		Dimmer Modes	X	
		0-20	Standard		
		21-40	Stage		
		41-60	TV		
		61-80	Architectural		
		81-100	Theatre		
		101-120	Stage 2		
			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		
		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				
27	34		Iris		
		0-191	Open → Close		
		192-223	Pulse Closing fast → slow		
		224-255	Pulse Opening slow → fast		
28	35	0 – 255	Frost (Light) Open → Max		
29	36	0 – 255	Frost (Wash) Open → Max		
30	37		Animation		
		0-7	Open		
		8-255	Animation Min → Max		
31	38		Animation Index		64
		0-127	Position		
			Scroll		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
194-255	Counter-clockwise Slow → Fast				

DMX TRAITS

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
32	39	0-255	Blade 1 A		
			Open → Closed		
	40	0-255	Blade 1 A Fine		
			Fine Adjustment		
33	41	0-255	Blade 1 B		
			Open → Closed		
	42	0-255	Blade 1 B Fine		
			Fine Adjustment		
34	43	0-255	Blade 2 A		
			Open → Closed		
	44	0-255	Blade 2 A Fine		
			Fine Adjustment		
35	45	0-255	Blade 2 B		
			Open → Closed		
	46	0-255	Blade 2 B Fine		
			Fine Adjustment		
36	47	0-255	Blade 3 A		
			Open → Closed		
	48	0-255	Blade 3 A Fine		
			Fine Adjustment		
37	49	0-255	Blade 3 B		
			Open → Closed		
	50	0-255	Blade 3 B Fine		
			Fine Adjustment		
38	51	0-255	Blade 4 A		
			Open → Closed		
	52	0-255	Blade 4 A Fine		
			Fine Adjustment		
39	53	0-255	Blade 4 B		
			Open → Closed		
	54	0-255	Blade 4 B Fine		
			Fine Adjustment		
40	55		Framing Index		127
		0-126	Min (-60°)		
		127-128	Parallel (0°)		
		129-255	Max (+60°)		
	56	0-255	Framing Index Fine		
			Fine Adjustment		
41	57		Pan / Tilt Speed	X	
		0-225	Max → Min Speed		
		226-235	Blackout by movement		
		236-245	Blackout by wheel changes		
		246-255	No function		

DMX TRAITS

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
42	58		Control	X	
		0-19	Wheel Snap		
		20-29	Color Wheel Fade		
		30-39	Color/Gobo Wheel Fade		
			Fan Mode		
		40-44	Mute		
		45-49	Studio		
		50-59	Low		
		60-69	High		
		70-79	Auto		
			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				

DMX TRAITS: CHANNEL FUNCTIONS & VALUES

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
42	58		Refresh Rate (Hz)	X	
		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				

DMX TRAITS: CHANNEL FUNCTIONS & VALUES

MODE/CHANNEL		VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED				
		169-172	Idle	X	
		173-174	Hibernation Off		
		175-176	Hibernation		
		177-178	Sun Protection On		
		179-180	Sun Protection Off		
		181-190	Pan Tilt Smooth		
		191-200	Pan Tilt Fast		
			Dimmer Curves		
		201-210	Linear		
		211-220	Square		
		221-230	Inverse Square		
		231-240	S-Curve (Default)		
		241-249	Idle		
		250-251	Display Off		
		252-253	Display On		
		254-255	Idle		