

ELATION PROTEUS RAYZOR BLADE L - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL							VALUE	FUNCTION	FADE STATUS	DEFAULT
FIXTURE CONTROL PART/NAME	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	PIXEL COMP 108CH	PIXEL COMP SPARK LED 120CH	EXTENDED 188CH				
MAIN	1	1	1	1	1	1	0-255	Tilt Movement	Fade	127
	2	2	2	2	2	2	0-255	Tilt Fine Fine Movement	Face	127
	3	3	3	3	3	3	0-10	CTC Disabled	Snap	0
							11-171	Color Temperature 2000k to 10000k in 100k steps (see table)		
							172-255	10000K		
								Color Wheel		
							0-9	Open		
							10-14	Red		
							15-19	Red Orange		
							20-24	Light Amber		
							25-29	Yellow Amber		
							30-34	Greenish Yellow		
							35-39	Light Yellow Green		
							40-44	Dark Yellow Green		
							45-49	Green		
							50-54	Teal		
							55-59	Cyan		
							60-64	Light Blue		
							65-69	Aqua		
							70-74	Dark Aqua		
							75-79	Green Blue		
							80-84	Light Lavender		
							85-89	Dark Purple		
							90-94	Medium Purple		
							95-99	Mid Rose		
							100-104	Mauve		
							105-109	Nice Magenta		
							110-114	Warm Magenta		
							115-119	Light Red		
							120-124	Straw		
							125-129	Dark CTB		
							130-134	Light Green		
							135-139	Purple		
							140-144	Lighter Purple		
							145-149	Pink		
							150-154	Rose		
							155-159	White		
							160-164	TBD		
							165-169	TBD		
							170-174	TBD		
						175-179	Open			
							Color Scroll			
						180-201	Clockwise,fast→slow			
						202-207	Stop			
						208-229	Counter-clockwise,slow→fast			
						230-234	Open			
							Random Slots			
						235-239	Fast			
						240-244	Medium			
						245-249	Slow			
						250-255	Open			

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MAIN	5	5	5	5	5	5		Strobe	Snap	50	
							0-31	Shutter closed			
							32-63	Shutter open			
							64-95	Strobe (slow → fast)			
							96-127	Fast Close, Slow Open			
							128-159	Fast Open, Slow Close			
							160-191	Pulse Effects			
	192-223	Random Strobe (slow → fast)									
	224-255	Shutter open									
	6	6	6	6	6	6	6		Dimmer	Fade	0
								0-255	0 → 100%		
	7	7	7	7	7	7	7		Dimmer Fine	Fade	0
								0-255	Fine Dimming		
	8	8	8	8	8	8	8		Dim Modes	Snap	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	10s										
142-255	Idle										
9	9	9	9	9	9	9		Zoom1	Fade	255	
							0-230	Zoom Wide → Narrow			
	10	10	10	10	10	10		Zoom1 Fine	Fade	255	
231-255							Overdrive Min → Max				
	11	11	11	11	11	11		Zoom2	Fade	255	
0-230							Zoom Wide → Narrow				
	12	12	12	12	12	12		Zoom2 Fine	Fade	255	
231-254							Overdrive Min → Max				
	13	13	13	13	13	13		Tilt Speed	Snap	0	
255							Follow Zoom 1				
	13	13	13	13	13	13		Zoom2 Fine	Snap	0	
0-255							Fine Zoom				
0-225							Max to Min speed				
	13	13	13	13	13	13	226-235	Blackout while moving	Snap	0	
236-255							No function				

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MAIN	10	14	14	14	14	14		Control		0
							0-9	Idle		
							10-19	Pixel Order Normal		
							20-24	Pixel Order Inverse		
							25-29	Strobeline Pair Horizontal (Pixel Compact Mode only)		
							30-34	Strobeline Pair Vertical (Pixel Compact Mode only)		
							35-39	Idle		
							40-44	Low Noise - Mute		
							45-49	Low Noise - Studio		
							50-59	Fan Control - Low		
							60-69	Fan Control - High		
							70-79	Fan Control - Auto (default)		
							80-84	Reset All		
							85-87	Reset Movement		
							88-91	Reset Zoom		
							92-100	Idle		
							100-168	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									

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FIXTURE CONTROL PART/NAM	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	PIXEL COMP 108CH	PIXEL SPARK LED 120CH	EXTENDED 188CH	VALUE	FUNCTION	FADE STATUS	DEFAULT
MAIN	10	14	14	14	14	14		Control		0
							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		
169-192	Idle									
193-194	Hibernate Fixture									
195-196	Hibernate Off									
197-198	Sun Protection On									
199-200	Sun Protection Off									
201-210	Dimmer Curve Linear									
211-220	Dimmer Curve Square									
221-230	Dimmer Curve Inverse Square									
231-240	Dimmer Curve S-Curve (default)									
241-242	Zoom Speed Slow									
243-244	Zoom Speed Fast (default)									
245-249	Idle									
250-251	Display off									
252-253	Display on									
254-255	Idle									

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FIXTURE CONTROL PART/NAM	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	PIXEL COMP 108CH	PIXEL SPARK LED 120CH	EXTENDED 188CH					
MAIN	11	15	15	15	15	15		RGBW FX (see table)	Snap	0	
							0-255	FX Selection 1-255			
	12	16	16	16	16	16	16		RGBW FX Speed	Fade	160
								0-126	Rev Fast → Slow		
								127-128	Stop		
								129-255	Slow → Fast		
	13	17	17	17	17	17	17		FX Offset	Snap	0
								0	Idle		
								1	Fixture Offset 10 Degree		
								2	Fixture Offset 20 Degree		
								3-34	Fixture Offset...		
								35	Fixture Offset 350 Degree		
								36	Synchronized		
								37-100	No Function		
								101-120	Random Fixture Offset		
121-140	Random Pixel Order										
141-255	Random Steps										

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	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	PIXEL COMP 108CH	PIXEL SPARK LED 120CH	EXTENDED 188CH				
MAIN or Pixel 1	14	18	18	18	18	18	0-255	Red 0 → 100%	Fade	255
	15	19	19	19	19	19	0-255	Green 0 → 100%	Fade	255
	16	20	20	20	20	20	0-255	Blue 0 → 100%	Fade	255
	17	21	21	21	21	21	0-255	White 0 → 100%	Fade	255
Pixel 2		22	22	22	22	22	0-255	Red 2 0 → 100%	Fade	255
		23	23	23	23	23	0-255	Green 2 0 → 100%	Fade	255
		24	24	24	24	24	0-255	Blue 2 0 → 100%	Fade	255
		25	25	25	25	25	0-255	White 2 0 → 100%	Fade	255
Pixel 3		26	26	26	26	26	0-255	Red 3 0 → 100%	Fade	255
		27	27	27	27	27	0-255	Green 3 0 → 100%	Fade	255
		28	28	28	28	28	0-255	Blue 3 0 → 100%	Fade	255
		29	29	29	29	29	0-255	White 3 0 → 100%	Fade	255
Pixel 4		30	30	30	30	30	0-255	Red 4 0 → 100%	Fade	255
		31	31	31	31	31	0-255	Green 4 0 → 100%	Fade	255
		32	32	32	32	32	0-255	Blue 4 0 → 100%	Fade	255
		33	33	33	33	33	0-255	White 4 0 → 100%	Fade	255
Pixel 5		34	34	34	34	34	0-255	Red 5 0 → 100%	Fade	255
		35	35	35	35	35	0-255	Green 5 0 → 100%	Fade	255
		36	36	36	36	36	0-255	Blue 5 0 → 100%	Fade	255
		37	37	37	37	37	0-255	White 5 0 → 100%	Fade	255
Pixel 6		38	38	38	38	38	0-255	Red 6 0 → 100%	Fade	255
		39	39	39	39	39	0-255	Green 6 0 → 100%	Fade	255
		40	40	40	40	40	0-255	Blue 6 0 → 100%	Fade	255
		41	41	41	41	41	0-255	White 6 0 → 100%	Fade	255

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	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	PIXEL COMP 108CH	PIXEL SPARK LED 120CH	EXTENDED 188CH				
Pixel 7		42	42	42	42	42	0-255	Red 7 0 → 100%	Fade	255
		43	43	43	43	43	0-255	Green 7 0 → 100%	Fade	255
		44	44	44	44	44	0-255	Blue 7 0 → 100%	Fade	255
		45	45	45	45	45	0-255	White 7 0 → 100%	Fade	255
Pixel 8		46	46	46	46	46	0-255	Red 8 0 → 100%	Fade	255
		47	47	47	47	47	0-255	Green 8 0 → 100%	Fade	255
		48	48	48	48	48	0-255	Blue 8 0 → 100%	Fade	255
		49	49	49	49	49	0-255	White 8 0 → 100%	Fade	255
Pixel 9		50	50	50	50	50	0-255	Red 9 0 → 100%	Fade	255
		51	51	51	51	51	0-255	Green 9 0 → 100%	Fade	255
		52	52	52	52	52	0-255	Blue 9 0 → 100%	Fade	255
		53	53	53	53	53	0-255	White 9 0 → 100%	Fade	255
Pixel 10		54	54	54	54	54	0-255	Red 10 0 → 100%	Fade	255
		55	55	55	55	55	0-255	Green 10 0 → 100%	Fade	255
		56	56	56	56	56	0-255	Blue 10 0 → 100%	Fade	255
		57	57	57	57	57	0-255	White 10 0 → 100%	Fade	255
Pixel 11		58	58	58	58	58	0-255	Red 11 0 → 100%	Fade	255
		59	59	59	59	59	0-255	Green 11 0 → 100%	Fade	255
		60	60	60	60	60	0-255	Blue 11 0 → 100%	Fade	255
		61	61	61	61	61	0-255	White 11 0 → 100%	Fade	255
Pixel 12		62	62	62	62	62	0-255	Red 12 0 → 100%	Fade	255
		63	63	63	63	63	0-255	Green 12 0 → 100%	Fade	255
		64	64	64	64	64	0-255	Blue 12 0 → 100%	Fade	255
		65	65	65	65	65	0-255	White 12 0 → 100%	Fade	255

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StrobeLine	18	66	66	66	66	66		Strobe	Snap	50	
							0-31	Shutter closed			
							32-63	Shutter open			
							64-95	Strobe (slow → fast) 0.289 - 16.67 Hz			
							96-127	Fast Close, Slow Open			
							128-159	Fast Open, Slow Close			
							160-191	Pulse Effects			
							192-222	Random Strobe ALL (slow → fast)			
	224-254	Random Strobe Pixels (slow → fast)									
	255	Sync Dim and Strobe with Main									
	19	67	67	67	67	67	67		Dimmer	Fade	0
								0-255	0 → 100%		
	20	68	68	68	68	68	68		Dimmer Fine	Fade	0
								0-255	Fine Dimming		
	21	69	69	69	69	69	69		Duration	Fade	0
								0-255	7-650ms		
	22	70	70	70	70	70	70		StrobeLine FX (see table)	Snap	0
								0-249	FX Selection 1-249		
									Pixel Alignment		
								250	Full		
251								Full Sync			
252								Split			
253								Left			
254	Right										
255	Idle										
23	71	71	71	71	71	71		StrobeLine FX Speed	Fade	160	
							0-126	Rev Fast → Slow			
							127-128	Stop			
							129-255	Slow → Fast			
Strobe 1			72	72	72	72		Dimmer 1	Fade	255	
							0-255	0 → 100%			
Strobe 2			73	73	73	73		Dimmer 2	Fade	255	
							0-255	0 → 100%			
Strobe 3			74	74	74	74		Dimmer 3	Fade	255	
							0-255	0 → 100%			
...											
Strobe 32			103	103	103	103		Dimmer 32	Fade	255	
							0-255	0 → 100%			
...											
Strobe 64			135			135		Dimmer 64	Fade	255	
							0-255	0 → 100%			

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FIXTURE CONTROL PART/NAM	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	PIXEL COMP 108CH	PIXEL SPARK LED 120CH	EXTENDED 188CH	VALUE	FUNCTION	FADE STATUS	DEFAULT
SparkLED	24	72	136	104	104	136		Strobe	Snap	50
							0-31	Shutter closed		
							32-63	Shutter open		
							64-95	Strobe (slow → fast)		
							96-127	Fast Close, Slow Open		
							128-159	Fast Open, Slow Close		
							160-191	Pulse Effects		
							192-223	Random Strobe ALL (slow → fast)		
							224-254	Random Strobe Pixels (slow → fast)		
	255	Idle								
	25	73	137	105	105	137		Dimmer	Fade	0
							0-255	0 → 100%		
	26	74	138	106	106	138		Dimmer Fine	Fade	0
							0-255	Fine Dimming		
	27	75	139	107	107	139		SparkLED FX (see table)	Snap	0
						0-255	FX Selection 1-255			
28	76	140	108	108	140		SparkLED FX Speed	Fade	160	
						0-126	Rev Fast → Slow			
						127-128	Stop			
						129-255	Slow → Fast			
LED 1					109	141		Dimmer 1	Fade	255
							0-255	0 → 100%		
LED 2					110	142		Dimmer 2	Fade	255
							0-255	0 → 100%		
LED 3					111	143		Dimmer 3	Fade	255
							0-255	0 → 100%		
LED 4					112	144		Dimmer 4	Fade	255
							0-255	0 → 100%		
LED 5					113	145		Dimmer 5	Fade	255
							0-255	0 → 100%		
LED 6					114	146		Dimmer 6	Fade	255
							0-255	0 → 100%		
LED 7					115	147		Dimmer 7	Fade	255
							0-255	0 → 100%		
LED 8					116	148		Dimmer 8	Fade	255
							0-255	0 → 100%		
LED 9					117	149		Dimmer 9	Fade	255
							0-255	0 → 100%		
LED 10					118	150		Dimmer 10	Fade	255
							0-255	0 → 100%		
LED 11					119	151		Dimmer 11	Fade	255
							0-255	0 → 100%		
LED 12					120	152		Dimmer 12	Fade	255
							0-255	0 → 100%		
LED 13						153		Dimmer 13	Fade	255
							0-255	0 → 100%		
LED 14						154		Dimmer 14	Fade	255
							0-255	0 → 100%		
LED 15						155		Dimmer 15	Fade	255
							0-255	0 → 100%		
						...				
LED 48						188		Dimmer 48	Fade	255
							0-255	0 → 100%		