

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	EXTENDED 188CH				
MAIN	1	1	1	1	0-255	Tilt Movement	Fade	127
	2	2	2	2	0-255	Tilt Fine Fine Movement	Face	127
	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		
	4	4	4	4	0-9	Color Wheel Open	Snap	0
					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						
180-201	Color Scroll Clockwise,fast →slow							
202-207	Stop							
208-229	Counter-clockwise,slow → fast							
230-234	Open							
235-239	Random Slots Fast							
240-244	Medium							
245-249	Slow							
250-255	Open							

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FIXTURE CONTROL PART/NAM	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	EXTENDED 188CH					
MAIN	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		Dimmer	Fade	0	
					0-255	0 → 100%			
	7	7	7	7		Dimmer Fine	Fade	0	
					0-255	Fine Dimming			
		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		Zoom1	Fade	0		
				0-230	Zoom Wide → Narrow				
				231-255	Overdrive Min → Max				
		10	10		Zoom1 Fine	Fade	0		
				0-255	Fine Zoom				
9	11	11	11		Zoom2	Fade	0		
				0-230	Zoom Wide → Narrow				
				231-254	Overdrive Min → Max				
				255	Follow Zoom 1				
		12	12		Zoom2 Fine	Fade	0		
				0-255	Fine Zoom				
		13	13		Tilt Speed	Snap	0		
				0-225	Max to Min speed				
				226-235	Blackout while moving				
				236-255	No function				

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FIXTURE CONTROL PART/NAM	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	EXTENDED 188CH				
MAIN	10	14	14	14		Control	Snap	0
					0-9	Idle		
					10-19	Pixel Order Normal		
					20-39	Pixel Order Inverse		
					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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MODE/CHANNEL					VALUE	FUNCTION	FADE STATUS	DEFAULT
FIXTURE CONTROL PART/NAM	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	EXTENDED 188CH				
MAIN	10	14	14	14		Control	Snap	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		
					169-180	Idle		
					181-182	StrobeLine Pixel Align Center		
					183-184	StrobeLine Pixel Align Left(default)		
					185-186	StrobeLine Pixel Align Left S-Mode		
					187-188	StrobeLine Pixel Align Right		
					189-190	StrobeLine Pixel Align Right S-Mode		
					191-192	StrobeLine Fill Mode		
193-194	Hibernate Off							
195-196	Hibernate On							
197-198	Sun Protection On							
199-200	Sun Protection Off							
201-210	Dimmer Curve Linear (default)							
211-220	Dimmer Curve Square							
221-230	Dimmer Curve Inverse Square							
231-240	Dimmer Curve S-Curve							
241-249	Idle							
250-251	Display off							
252-253	Display on							
254-255	Idle							

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MODE/CHANNEL					VALUE	FUNCTION	FADE STATUS	DEFAULT	
FIXTURE CONTROL PART/NAM	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	EXTENDED 188CH					
MAIN	11	15	15	15		RGBW FX (see table)	Snap	0	
					0-255	FX Selection 1-255			
	12	16	16	16			RGBW FX Speed	Fade	160
						0-126	Rev Fast → Slow		
						127-128	Stop		
						129-255	Slow → Fast		
	13	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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FIXTURE CONTROL PART/NAM	MODE/CHANNEL				VALUE	FUNCTION	FADE STATUS	DEFAULT
	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	EXTENDED 188CH				
MAIN or Pixel 1	14	18	18	18	0-255	Red 0 → 100%	Fade	255
	15	19	19	19	0-255	Green 0 → 100%	Fade	255
	16	20	20	20	0-255	Blue 0 → 100%	Fade	255
	17	21	21	21	0-255	White 0 → 100%	Fade	255
Pixel 2		22	22	22	0-255	Red 2 0 → 100%	Fade	255
		23	23	23	0-255	Green 2 0 → 100%	Fade	255
		24	24	24	0-255	Blue 2 0 → 100%	Fade	255
		25	25	25	0-255	White 2 0 → 100%	Fade	255
Pixel 3		26	26	26	0-255	Red 3 0 → 100%	Fade	255
		27	27	27	0-255	Green 3 0 → 100%	Fade	255
		28	28	28	0-255	Blue 3 0 → 100%	Fade	255
		29	29	29	0-255	White 3 0 → 100%	Fade	255
Pixel 4		30	30	30	0-255	Red 4 0 → 100%	Fade	255
		31	31	31	0-255	Green 4 0 → 100%	Fade	255
		32	32	32	0-255	Blue 4 0 → 100%	Fade	255
		33	33	33	0-255	White 4 0 → 100%	Fade	255
Pixel 5		34	34	34	0-255	Red 5 0 → 100%	Fade	255
		35	35	35	0-255	Green 5 0 → 100%	Fade	255
		36	36	36	0-255	Blue 5 0 → 100%	Fade	255
		37	37	37	0-255	White 5 0 → 100%	Fade	255
Pixel 6		38	38	38	0-255	Red 6 0 → 100%	Fade	255
		39	39	39	0-255	Green 6 0 → 100%	Fade	255
		40	40	40	0-255	Blue 6 0 → 100%	Fade	255
		41	41	41	0-255	White 6 0 → 100%	Fade	255

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FIXTURE CONTROL PART/NAM	MODE/CHANNEL				VALUE	FUNCTION	FADE STATUS	DEFAULT
	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	EXTENDED 188CH				
Pixel 7		42	42	42	0-255	Red 7 0 → 100%	Fade	255
		43	43	43	0-255	Green 7 0 → 100%	Fade	255
		44	44	44	0-255	Blue 7 0 → 100%	Fade	255
		45	45	45	0-255	White 7 0 → 100%	Fade	255
Pixel 8		46	46	46	0-255	Red 8 0 → 100%	Fade	255
		47	47	47	0-255	Green 8 0 → 100%	Fade	255
		48	48	48	0-255	Blue 8 0 → 100%	Fade	255
		49	49	49	0-255	White 8 0 → 100%	Fade	255
Pixel 9		50	50	50	0-255	Red 9 0 → 100%	Fade	255
		51	51	51	0-255	Green 9 0 → 100%	Fade	255
		52	52	52	0-255	Blue 9 0 → 100%	Fade	255
		53	53	53	0-255	White 9 0 → 100%	Fade	255
Pixel 10		54	54	54	0-255	Red 10 0 → 100%	Fade	255
		55	55	55	0-255	Green 10 0 → 100%	Fade	255
		56	56	56	0-255	Blue 10 0 → 100%	Fade	255
		57	57	57	0-255	White 10 0 → 100%	Fade	255
Pixel 11		58	58	58	0-255	Red 11 0 → 100%	Fade	255
		59	59	59	0-255	Green 11 0 → 100%	Fade	255
		60	60	60	0-255	Blue 11 0 → 100%	Fade	255
		61	61	61	0-255	White 11 0 → 100%	Fade	255
Pixel 12		62	62	62	0-255	Red 12 0 → 100%	Fade	255
		63	63	63	0-255	Green 12 0 → 100%	Fade	255
		64	64	64	0-255	Blue 12 0 → 100%	Fade	255
		65	65	65	0-255	White 12 0 → 100%	Fade	255

RELATION PROTEUS RAYZOR BLADE L - DMX TRAITS

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MODE/CHANNEL					VALUE	FUNCTION	FADE STATUS	DEFAULT	
FIXTURE CONTROL PART/NAM	STANDARD 28CH	PIXEL 76CH	PIXEL PLUS CH140	EXTENDED 188CH					
StrobeLine	18	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		Dimmer	Fade	0
						0-255	0 → 100%		
	20	68	68	68	68		Dimmer Fine	Fade	0
						0-255	Fine Dimming		
	21	69	69	69	69		Duration	Fade	0
						0-255	7-650ms		
	22	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		StrobeLine FX Speed	Fade	160	
					0-126	Rev Fast → Slow			
					127-128	Stop			
					129-255	Slow → Fast			
Strobe 1			72	72		Dimmer 1	Fade	255	
					0-255	0 → 100%			
Strobe 2			73	73		Dimmer 2	Fade	255	
					0-255	0 → 100%			
Strobe 3			74	74		Dimmer 3	Fade	255	
					0-255	0 → 100%			
Strobe 4			75	75		Dimmer 4	Fade	255	
					0-255	0 → 100%			
Strobe 5			76	76		Dimmer 5	Fade	255	
					0-255	0 → 100%			
Strobe 6			77	77		Dimmer 6	Fade	255	
					0-255	0 → 100%			
Strobe 7			78	78		Dimmer 7	Fade	255	
					0-255	0 → 100%			
Strobe 8			79	79		Dimmer 8	Fade	255	
					0-255	0 → 100%			
Strobe 9			80	80		Dimmer 9	Fade	255	
					0-255	0 → 100%			
Strobe 10			81	81		Dimmer 10	Fade	255	
					0-255	0 → 100%			
Strobe 11			82	82		Dimmer 11	Fade	255	
					0-255	0 → 100%			
Strobe 12			83	83		Dimmer 12	Fade	255	
					0-255	0 → 100%			
Strobe 13			84	84		Dimmer 13	Fade	255	
					0-255	0 → 100%			
Strobe 14			85	85		Dimmer 14	Fade	255	
					0-255	0 → 100%			
Strobe 15			86	86		Dimmer 15	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	EXTENDED 188CH				
SparkLED	24	72	136	136		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		
					192-223	Random Strobe ALL (slow → fast)		
	224-254	Random Strobe Pixels (slow → fast)						
	255	Idle						
	25	73	137	137		Dimmer	Fade	0
	26	74	138	138		Dimmer Fine	Fade	0
					0-255	Fine Dimming		
	27	75	139	139		SparkLED FX (see table)	Snap	0
					0-255	FX Selection 1-255		
28	76	140	140		SparkLED FX Speed	Fade	160	
				0-126	Rev Fast → Slow			
				127-128	Stop			
				129-255	Slow → Fast			
LED 1				141		Dimmer 1	Fade	255
					0-255	0 → 100%		
LED 2				142		Dimmer 2	Fade	255
					0-255	0 → 100%		
LED 3				143		Dimmer 3	Fade	255
					0-255	0 → 100%		
LED 4				144		Dimmer 4	Fade	255
					0-255	0 → 100%		
LED 5				145		Dimmer 5	Fade	255
					0-255	0 → 100%		
LED 6				146		Dimmer 6	Fade	255
					0-255	0 → 100%		
LED 7				147		Dimmer 7	Fade	255
					0-255	0 → 100%		
LED 8				148		Dimmer 8	Fade	255
					0-255	0 → 100%		
LED 9				149		Dimmer 9	Fade	255
					0-255	0 → 100%		
LED 10				150		Dimmer 10	Fade	255
					0-255	0 → 100%		
LED 11				151		Dimmer 11	Fade	255
					0-255	0 → 100%		
LED 12				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%		