

RELATION PROTEUS RAYZOR BLADE S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL							VALUE	FUNCTION	FADE STATUS	DEFAULT	
FIXTURE CONTROL PART/NAME	STD 28CH	PIXEL 50CH	PIXEL PLUS 82CH	PIXEL COMP 66CH	PIXEL COMP SPARK LED 72CH	EXTENDED 106CH					
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	Fade	127	
	3	3	3	3	3	3	0-10 11-171 172-255	CTC Disabled Color Temperature 2000K to 10000K 10000K	Face	0	
	4	4	4	4	4	4	0-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95-99 100-104 105-109 110-114 115-119 120-124 125-129 130-134 135-139 140-144 145-149 150-154 155-159 160-164 165-169 170-174 175-179	Color Wheel Open Red Red Orange Light Amber Yellow Amber Greenish Yellow Light Yellow Green Dark Yellow Green Green Teal Cyan Light Blue Aqua Dark Aqua Green Blue Light Lavender Dark Purple Medium Purple Mid Rose Mauve Nice Magenta Warm Magenta Light Red Straw Dark CTB Light Green Purple Lighter Purple Pink Rose White TBD TBD TBD Open	Snap	0	
								180-201 202-207 208-229 230-234	Color Scroll Clockwise,fast → slow Stop Counter-clockwise,slow → fast Open		
								235-239 240-244 245-249 250-255	Random Slots Fast Medium Slow Open		

RELATION PROTEUS RAYZOR BLADE S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL											
FIXTURE CONTROL PART/ NAME	STANDARD 28CH	PIXEL 50CH	PIXEL PLUS 82CH	PIXEL COMP 66CH	PIXEL COMP SPARK LED 72CH	EXTENDED 106CH	VALUE	FUNCTION	FADE STATUS	DEFAULT	
MAIN	5	5	5	5	5	5		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 (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		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		Zoom	Fade	255	
							0-245	Zoom Wide → Narrow			
							246-255	Overdrive Min → Max			
	10	10	10	10	10	10		Zoom Fine	Fade	255	
							0-255	Fine Zoom			
	11	11	11	11	11	11		Tilt Speed	Snap	0	
							0-225	Max to Min speed			
							226-235	Blackout while moving			
							236-255	No function			

RELATION PROTEUS RAYZOR BLADE S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL							VALUE	FUNCTION	FADE STATUS	DEFAULT
FIXTURE CONTROL PART/ NAME	STANDARD 28CH	PIXEL 50CH	PIXEL PLUS 82CH	PIXEL COMP 66CH	PIXEL COMP SPARK LED 72CH	EXTENDED 106CH				
MAIN	10	12	12	12	12	12	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									

RELATION PROTEUS RAYZOR BLADE S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL							VALUE	FUNCTION	FADE STATUS	DEFAULT
FIXTURE CONTROL PART/ NAME	STANDARD 28CH	PIXEL 50CH	PIXEL PLUS 82CH	PIXEL COMP 66CH	PIXEL COMP SPARK LED 72CH	EXTENDED 106CH				
MAIN	10	12	12	12	12	12	136	1260		0
							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 Position		
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)									
242-242	Zoom Speed Slow									
243-244	Zoom Speed Fast (default)									
245-249	Idle									
250-251	Display off									
252-253	Display on									
254-255	Idle									

RELATION PROTEUS RAYZOR BLADE S - DMX TRAITS

Features subject to change without notice

Features subject to change without notice											
FIXTURE CONTROL PART/ NAME	MODE/CHANNEL						VALUE	FUNCTION	FADE STATUS	DEFAULT	
	STANDARD 28CH	PIXEL 50CH	PIXEL PLUS 82CH	PIXEL COMP 66CH	PIXEL COMP SPARK LED 72CH	EXTENDED 106CH					
MAIN	11	13	13	13	13	13		RGBW FX (see table)	Snap	0	
							0-255	FX Selection 1-255			
	12	14	14	14	14	14	14		RGBW FX Speed	Fade	160
								0-126	Rev Fast → Slow		
								127-128	Stop		
								129-255	Slow → Fast		
	13	15	15	15	15	15	15		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										

RELATION PROTEUS RAYZOR BLADE S - DMX TRAITS

Features subject to change without notice

FIXTURE CONTROL PART/ NAME	MODE/CHANNEL						VALUE	FUNCTION	FADE STATUS	DEFAULT
	STANDARD 28CH	PIXEL 50CH	PIXEL PLUS 82CH	PIXEL COMP 66CH	PIXEL COMP SPARK LED 72CH	EXTENDED 106CH				
MAIN or Pixel 1	14	16	16	16	16	16	0-255	Red 0 → 100%	Fade	255
	15	17	17	17	17	17	0-255	Green 0 → 100%	Fade	255
	16	18	18	18	18	18	0-255	Blue 0 → 100%	Fade	255
	17	19	19	19	19	19	0-255	White 0 → 100%	Fade	255
Pixel 2		20	20	20	20	20	0-255	Red 2 0 → 100%	Fade	255
		21	21	21	21	21	0-255	Green 2 0 → 100%	Fade	255
		22	22	22	22	22	0-255	Blue 2 0 → 100%	Fade	255
		23	23	23	23	23	0-255	White 2 0 → 100%	Fade	255
Pixel 3		24	24	24	24	24	0-255	Red 3 0 → 100%	Fade	255
		25	25	25	25	25	0-255	Green 3 0 → 100%	Fade	255
		26	26	26	26	26	0-255	Blue 3 0 → 100%	Fade	255
		27	27	27	27	27	0-255	White 3 0 → 100%	Fade	255
Pixel 4		28	28	28	28	28	0-255	Red 4 0 → 100%	Fade	255
		29	29	29	29	29	0-255	Green 4 0 → 100%	Fade	255
		30	30	30	30	30	0-255	Blue 4 0 → 100%	Fade	255
		31	31	31	31	31	0-255	White 4 0 → 100%	Fade	255
Pixel 5		32	32	32	32	32	0-255	Red 5 0 → 100%	Fade	255
		33	33	33	33	33	0-255	Green 5 0 → 100%	Fade	255
		34	34	34	34	34	0-255	Blue 5 0 → 100%	Fade	255
		35	35	35	35	35	0-255	White 5 0 → 100%	Fade	255
Pixel 6		36	36	36	36	36	0-255	Red 6 0 → 100%	Fade	255
		37	37	37	37	37	0-255	Green 6 0 → 100%	Fade	255
		38	38	38	38	38	0-255	Blue 6 0 → 100%	Fade	255
		39	39	39	39	39	0-255	White 6 0 → 100%	Fade	255

RELATION PROTEUS RAYZOR BLADE S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL											
FIXTURE CONTROL PART/ NAME	STANDARD 28CH	PIXEL 50CH	PIXEL PLUS 82CH	PIXEL COMP 66CH	PIXEL COMP SPARK LED 72CH	EXTENDED 106CH	VALUE	FUNCTION	FADE STATUS	DEFAULT	
StrobeLine	18	40	40	40	40	40		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	41	41	41	41	41	41		Dimmer	Fade	0
								0-255	0 → 100%		
	20	42	42	42	42	42	42		Dimmer Fine	Fade	0
								0-255	Fine Dimming		
	21	43	43	43	43	43	43		Duration	Fade	0
0-255								7-650ms			
22	44	44	44	44	44	44		StrobeLine FX (see table)	Snap	0	
							0-249	FX Selection 1 -249			
							250-255	Idle			
23	45	45	45	45	45	45		StrobeLine FX Speed	Fade	160	
							0 - 126	Rev Fast → Slow			
							127 - 128	Stop			
							129 - 255	Slow → Fast			
Strobe 1			46	46	46	46		Dimmer 1	Fade	255	
							0-255	0 → 100%			
Strobe 2			47	47	47	47		Dimmer 2	Fade	255	
							0-255	0 → 100%			
Strobe 3			48	48	48	48		Dimmer 3	Fade	255	
							0-255	0 → 100%			
Strobe 4			49	49	49	49		Dimmer 4	Fade	255	
							0-255	0 → 100%			
Strobe 5			50	50	50	50		Dimmer 5	Fade	255	
							0-255	0 → 100%			
Strobe 6			51	51	51	51		Dimmer 6	Fade	255	
							0-255	0 → 100%			
Strobe 7			52	52	52	52		Dimmer 7	Fade	255	
							0-255	0 → 100%			
Strobe 8			53	53	53	53		Dimmer 8	Fade	255	
							0-255	0 → 100%			
Strobe 9			54	54	54	54		Dimmer 9	Fade	255	
							0-255	0 → 100%			
Strobe 10			55	55	55	55		Dimmer 10	Fade	255	
							0-255	0 → 100%			
Strobe 11			56	56	56	56		Dimmer 11	Fade	255	
							0-255	0 → 100%			
Strobe 12			57	57	57	57		Dimmer 12	Fade	255	
							0-255	0 → 100%			
Strobe 13			58	58	58	58		Dimmer 13	Fade	255	
							0-255	0 → 100%			
Strobe 14			59	59	59	59		Dimmer 14	Fade	255	
							0-255	0 → 100%			
Strobe 15			60	60	60	60		Dimmer 15	Fade	255	
							0-255	0 → 100%			
Strobe 16			61	61	61	61		Dimmer 16	Fade	255	
							000 - 255	0 → 100%			
						...					
Strobe 32			77			77		Dimmer 32	Fade	255	
							0-255	0 → 100%			

RELATION PROTEUS RAYZOR BLADE S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL										
FIXTURE CONTROL PART/ NAME	STANDARD 28CH	PIXEL 50CH	PIXEL PLUS 82CH	PIXEL COMP 66CH	PIXEL COMP SPARK LED 72CH	EXTENDED 106CH	VALUE	FUNCTION	FADE STATUS	DEFAULT
SparkLED	24	46	78	62	62	78		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								
	25	47	79	63	63	79		Dimmer	Fade	0
	26	48	80	64	64	80		Dimmer Fine	Fade	0
							0-255	Fine Dimming		
	27	49	81	65	65	81		SparkLED FX (see table)	Snap	0
							0-255	FX Selection 1 -255		
28	50	82	66	66	82		SparkLED FX Speed	Fade	160	
						0-126	Rev Fast → Slow			
						127-128	Stop			
						129-255	Slow → Fast			
LED 1					67	83		Dimmer 1	Fade	255
LED 2					68	84		Dimmer 2	Fade	255
							0-255	0 → 100%		
LED 3					69	85		Dimmer 3	Fade	255
							0-255	0 → 100%		
LED 4					70	86		Dimmer 4	Fade	255
							0-255	0 → 100%		
LED 5					71	87		Dimmer 5	Fade	255
							0-255	0 → 100%		
LED 6					72	88		Dimmer 6	Fade	255
							0-255	0 → 100%		
LED 7						89		Dimmer 7	Fade	255
							0-255	0 → 100%		
LED 8						90		Dimmer 8	Fade	255
							0-255	0 → 100%		
LED 9						91		Dimmer 9	Fade	255
							0-255	0 → 100%		
LED 10						92		Dimmer 10	Fade	255
							0-255	0 → 100%		
LED 11						93		Dimmer 11	Fade	255
							0-255	0 → 100%		
LED 12						94		Dimmer 12	Fade	255
							0-255	0 → 100%		
LED 13						95		Dimmer 13	Fade	255
							0-255	0 → 100%		
LED 14						96		Dimmer 14	Fade	255
							0-255	0 → 100%		
LED 15						97		Dimmer 15	Fade	255
							0-255	0 → 100%		
						...				
LED 24						106		Dimmer 24	Fade	255
							0-255	0 → 100%		