

ELATION VOLT+ BAR S - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL													DMX VALUES	FUNCTION
1 ch	3 ch	6 ch	9 ch	14 ch	17 ch-A	17 ch-B	23 ch-A	23 ch-B	35 ch	47 ch	83 ch	36 ch		
1			1	1	1	1	1	1	1	1	1			Dimmer
													0-255	Intensity 0 → 100
			2	2	2	2	2	2	2	2	2			Dimmer Fine
													0-255	Fine Intensity Control
														Shutter/Strobe
													0-31	Shutter Closed
													32-63	No function (shutter open)
													64-95	Strobe effect, slow to fast
			3	3	3	3	3	3	3	3	3		96-127	No function (shutter open)
													128-159	Pulse effect in sequences
													160-191	No function (shutter open)
													192-223	Random strobe effect, slow to fast
													224-255	No function (shutter open)
	1	1	4			4	4	4	4	4	4	1		Red
													0-255	0 → 100%
							5		5		5			Red Fine
													0-255	Fine adjustment
	2	2	5			5	6	5	6	5	6	2		Green
													0-255	0 → 100%
							7		7		7			Green Fine
													0-255	Fine adjustment
	3	3	6			6	8	6	8	6	8	3		Blue
													0-255	0 → 100%
							9		9		9			Blue Fine
													0-255	Fine adjustment
		4	7			7	10	7	10	7	10	4		Lime
													0-255	0 → 100%
							11		11		11			Lime Fine
													0-255	Fine adjustment
		5	8			8	12	8	12	8	12	5		Amber
													0-255	0 → 100%
							13		13		13			Amber Fine
													0-255	Fine adjustment

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		6	9			9	14	9	14	9	14	6		UV
													0-255	0 → 100%
							15		15		15			UV Fine
													0-255	Fine adjustment
								10	16	10	16	7		Red 2
													0-255	0 → 100%
									17		17			Red 2 Fine
													0-255	Fine adjustment
								11	18	11	18	8		Green 2
													0-255	0 → 100%
									19		19			Green 2 Fine
													0-255	Fine adjustment
								12	20	12	20	9		Blue 2
													0-255	0 → 100%
									21		21			Blue 2 Fine
													0-255	Fine adjustment
								13	22	13	22	10		Lime 2
													0-255	0 → 100%
									23		23			Lime 2 Fine
													0-255	Fine adjustment
								14	24	14	24	11		Amber 2
													0-255	0 → 100%
									25		25			Amber 2 Fine
													0-255	Fine adjustment
								15	26	15	26	12		UV 2
													0-255	0 → 100%
									27		27			UV 2 Fine
													0-255	Fine adjustment
										16	28	13		Red 3
													0-255	0 → 100%
											29			Red 3 Fine
													0-255	Fine adjustment
										17	30	14		Green 3
													0-255	0 → 100%
											31			Green 3 Fine
													0-255	Fine adjustment
										18	32	15		Blue 3
													0-255	0 → 100%

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											33			Blue 3 Fine
													0-255	Fine adjustment
										19	34	16		Lime 3
													0-255	0 → 100%
											35			Lime 3 Fine
													0-255	Fine adjustment
										20	36	17		Amber 3
													0-255	0 → 100%
											37			Amber 3 Fine
													0-255	Fine adjustment
										21	38	18		UV 3
													0-255	0 → 100%
											39			UV 3 Fine
													0-255	Fine adjustment
										22	40	19		Red 4
													0-255	0 → 100%
											41			Red 4 Fine
													0-255	Fine adjustment
										23	42	20		Green 4
													0-255	0 → 100%
											43			Green 4 Fine
													0-255	Fine adjustment
										24	44	21		Blue 4
													0-255	0 → 100%
											45			Blue 4 Fine
													0-255	Fine adjustment
										25	46	22		Lime 4
													0-255	0 → 100%
											47			Lime 4 Fine
													0-255	Fine adjustment
										26	48	23		Amber 4
													0-255	0 → 100%
											49			Amber 4 Fine
													0-255	Fine adjustment
										27	50	24		UV 4
													0-255	0 → 100%
											51			UV 4 Fine
													0-255	Fine adjustment

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1 ch	3 ch	6 ch	9 ch	14 ch	17 ch-A	17 ch-B	23 ch-A	23 ch-B	35 ch	47 ch	83 ch	36 ch		
										28	52	25		Red 5
													0-255	0 → 100%
											53			Red 5 Fine
													0-255	Fine adjustment
										29	54	26		Green 5
													0-255	0 → 100%
											55			Green 5 Fine
													0-255	Fine adjustment
										30	56	27		Blue 5
													0-255	0 → 100%
											57			Blue 5 Fine
													0-255	Fine adjustment
										31	58	28		Lime 5
													0-255	0 → 100%
											59			Lime 5 Fine
													0-255	Fine adjustment
										32	60	29		Amber 5
													0-255	0 → 100%
											61			Amber 5 Fine
													0-255	Fine adjustment
										33	62	30		UV 5
													0-255	0 → 100%
											63			UV 5 Fine
													0-255	Fine adjustment
										34	64	31		Red 6
													0-255	0 → 100%
											65			Red 6 Fine
													0-255	Fine adjustment
										35	66	32		Green 6
													0-255	0 → 100%
											67			Green 6 Fine
													0-255	Fine adjustment
										36	68	33		Blue 6
													0-255	0 → 100%
											69			Blue 6 Fine
													0-255	Fine adjustment
										37	70	34		Lime 6
													0-255	0 → 100%

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1 ch	3 ch	6 ch	9 ch	14 ch	17 ch-A	17 ch-B	23 ch-A	23 ch-B	35 ch	47 ch	83 ch	36 ch		
											71			Lime 6 Fine
													0-255	Fine adjustment
										38	72	35		Amber 6
													0-255	0 → 100%
											73			Amber 6 Fine
													0-255	Fine adjustment
										39	74	36		UV 6
													0-255	0 → 100%
											75			UV 6 Fine
													0-255	Fine adjustment
				4	4									Cyan
													0-255	0 → 100%
					5									Cyan Fine
													0-255	Fine adjustment
				5	6									Magenta
													0-255	0 → 100%
					7									Magenta Fine
													0-255	Fine adjustment
				6	8									Yellow
													0-255	0 → 100%
					9									Yellow Fine
													0-255	Fine adjustment
														Variable CCT
				7	10	10	16	16	28	40	76		0-23	Open
													24-85	2400K → 8500K
													86-255	8500K
														CCT Cross Fade
				8	11	11	17	17	29	41	77		0	CCT
													1-254	Idle
													255	Color Mix

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				9	12	12	18	18	30	42	78			Color Wheel
													0	Open
													1-179	Color Macros (see table)
														Color Scroll
													180-201	Clockwise, fast → slow
													202-207	Stop
													208-229	Counter-clockwise, slow → fast
													230-234	Open
				9	12	12	18	18	30	42	78			Random Slots
													235-239	Fast
													240-244	Medium
													245-249	Slow
													250-255	Open
				10	13	13	19	19	31	43	79			Effect Selection
													0	Idle
													1	Built-in Program 1
													2	Built-in Program 2
													3	Built-in Program 3
													4	Built-in Program 4
													5	Built-in Program 5
													6	Built-in Program 6
													7	Built-in Program 7
													8	Built-in Program 8
													9-255	Idle
				11	14	14	20	20	32	44	80			Effect Speed
													0-126	Fast → Slow
													127-128	Stop
													129-255	Slow → Fast

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1 ch	3 ch	6 ch	9 ch	14 ch	17 ch-A	17 ch-B	23 ch-A	23 ch-B	35 ch	47 ch	83 ch	36 ch		
				12	15	15	21	21	33	45	81			Effect Offset
													0	Idle
													1-35	Fixture Offset, 10 degrees to 350 degrees
													36	Synchronized
													37-49	Random Fixture Offset
													50-59	Random Pixel Order
													60-69	Random Steps
													70-79	Idle
														Effect Fade
													80-89	Ramp (Crossover)
													90-99	Ramp (Complete)
													100-109	Sine (Cross)
													110-119	Sine (Complete)
													120-129	Slow Up
													130-139	Slow Off
													140-149	Square Wave
													150-255	Idle
				13	16	16	22	22	34	46	82			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

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				13	16	16	22	22	34	46	82			Dimmer Delay Time (continued)
													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	10.0s
													142-149	Idle
														DTW
													150-154	DTW On
													155-159	DTW Off
													160-255	Idle
				14	17	17	23	23	35	47	83			Control
													0-59	Idle
													60-69	Flip Pixel Order
													70-79	Default Pixel Order
													80-99	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

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1 ch	3 ch	6 ch	9 ch	14 ch	17 ch-A	17 ch-B	23 ch-A	23 ch-B	35 ch	47 ch	83 ch	36 ch		
														Refresh Rate (Hz) (continued)
													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
				14	17	17	23	23	35	47	83		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

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1 ch	3 ch	6 ch	9 ch	14 ch	17 ch-A	17 ch-B	23 ch-A	23 ch-B	35 ch	47 ch	83 ch	36 ch		
														Refresh Rate (Hz) (continued)
													152	1420
													153	1430
													154	1440
													155	1450
													156	1460
													157	1470
													158	1480
													159	1490
													160	1500
													161	2500
													162	4000
				14	17	17	23	23	35	47	83		163	5000
													164	6000
													165	10000
													166	15000
													167	20000
													168	25000
													169-200	Idle
														Dimmer Curves
													201-210	Linear (Default)
													211-220	Square
													221-230	Inverse Square
													231-240	S-Curve
													241-255	Idle