

ELATION KL PANEL XL IP - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL													VALUE	FUNCTION	
1CH Dimmer	4CH Dim Color	7CH Dim Color FX	6CH RGB WLC	12CH RGB WLC 16bit	48CH RGB WLC Cells	96CH RGB WLC Cells 16bit	24CH RGB Cells	14CH Sta	23CH Ext	58CH Ext Cells	4CH HSI	12CH HSI EXT			
															Shutter, strobe:
													0-31	Shutter closed	
													32-63	shutter open	
								1	1	1		1	64-95	Strobe effect	
													96-127	shutter open	
													128-159	Pulse-effect	
													160-191	shutter open	
													192-223	Random strobe	
													224-255	shutter open	
1	1	1						2	2	2	1	2	0-255	Dimmer: Intensity 0 to 100%	
	2	2						3	3	3	2	3	0-255	Dimmer Fine: Dimmer fine	
											3	4	0-255	Hue: 0 to 100%	
											4	5	0-255	Saturation: 0 to 100%	
			1	1				4	4				0-255	Red: 0 to 100%	
				2					5				0-255	Red Fine: 0 to 100%	
			2	3				5	6				0-255	Green: 0 to 100%	
				4					7				0-255	Green Fine: 0 to 100%	
			3	5				6	8				0-255	Blue: 0 to 100%	
				6					9				0-255	Blue Fine: 0 to 100%	
			4	7					10				0-255	White: 0 to 100%	
				8					11				0-255	White Fine: 0 to 100%	
			5	9					12				0-255	Lime: 0 to 100%	
				10					13				0-255	Lime Fine: 0 to 100%	
			6	11					14				0-255	Cyan: 0 to 100%	
				12					15				0-255	Cyan Fine: 0 to 100%	
														CCT: 0 to 100%	
	3	3						7	16	3		6	0-19	Open	
													20-100	2000K -10000K	
													101-255	10000K	
														Green Shift: 0 to 100%	
								8	17	4			0	Idle	
													1-127	Reddish to neutral	
													128	neutral	
													129-255	neutral to Green	
														Color Wheel:	
													0	Open	
													1-60	Virtual Swatch Book	
														Color Scroll	
													180-200	Clockwise fast→slow	
													201-208	Stop	
													209-229	Counterclockwise slow→ fast	
													230-234	Open	
														Random Slots	
													235-239	Fast	
													240-244	Medium	
													245-249	Slow	
	4	4						9	18	5		7	250-255	Open	

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																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
								10	19	6						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
																	Control:
																0-29	Idle
																30-39	Fan Mode Auto
																40-49	Fan Mode Silent
																50-59	Fan Mode High
																60-79	Idle
																80-84	Reset
																85-99	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

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													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
													136	1260
													137	1270
													138	1280
													139	1290
													140	1300
								11					141	1310
									20				142	1320
										7			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

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													169-200	No Function
													201-210	Linear
													211-220	Square
													221-230	Inverse Square
													231-240	S-Curve
								11	20	7		9	241	program1 (Scene 1-8)
													242	program2 (Scene 9-16)
													243	program3 (Scene 17-24)
													244	program4 (Scene 25-32)
													245	program5 (Scene 33-40)
													246	program6 (Scene 41-48)
													247	program7 (Scene 49-56)
													248-255	No Function
		5						12	21	8		10	0-255	FX: See Table
		6						13	22	9		11	0-255	FX Adjust: See Table
														FX Offset
													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
					1	1	1						0-255	Red 1: 0 to 100%
					2								0-255	Red 1 Fine: 0 to 100%
					2	3	2						0-255	Green 1: 0 to 100%
					4								0-255	Green 1 Fine: 0 to 100%
					3	5	3						0-255	Blue 1: 0 to 100%
					6								0-255	Blue 1 Fine: 0 to 100%
					4	7							0-255	White 1: 0 to 100%
					8								0-255	White 1 Fine: 0 to 100%
					9								0-255	Lime 1: 0 to 100%
					10								0-255	Lime 1 Fine: 0 to 100%
					11								0-255	Cyan 1: 0 to 100%
					12								0-255	Cyan 1 Fine: 0 to 100%
					43	85							0-255	Red 8: 0 to 100%
						86							0-255	Red 8 Fine: 0 to 100%
					44	87							0-255	Green 8: 0 to 100%
						88							0-255	Green 8 Fine: 0 to 100%
					45	89							0-255	Blue 8: 0 to 100%
						90							0-255	Blue 8 Fine: 0 to 100%
					46	91							0-255	White 8: 0 to 100%
						92							0-255	White 8 Fine: 0 to 100%
					47	93							0-255	Lime 8: 0 to 100%
						94							0-255	Lime 8 Fine: 0 to 100%
					48	95							0-255	Cyan 8: 0 to 100%
						96							0-255	Cyan 8 Fine: 0 to 100%

RELATION KL PANEL XL IP - FX TABLE

Type	Slot	DMX	Name	FX Adjustment	Notes/Steps	Color Mix
Emergency		0	OFF			
	1	2	Red Blue Police	Speed	Onyx Bank 25 Fader 1 and 2	Ignore
	2	2	Red Blue Burst Police	Speed	Onyx Bank 25 Fader 3	Ignore
	3	3	RBA Police	Speed	Onyx Bank 25 Fader 4 and 5	Ignore
	4	4	RBA Burst Police	Speed	Onyx Bank 25 Fader 6	Ignore
	5	5	Blue Police	Speed	Onyx Bank 25 Fader 7	Ignore
	6	6	Red Fire	Speed	Onyx Bank 25 Fader 7 in Red	Ignore
	7	7	Red White Fire	Speed	Onyx Bank 25 Fader 7 in Red and White	Ignore
	8	8	Roadside Emergency	Speed	Onyx Bank 25 Fader 7 in Amber	Ignore
	9	9				
	10	10				
	11	11				
	12	12				
	13	13				
	14	14				
	15	15				
	16	16				
	17	17				
	18	18				
	19	19				
20	20					
Color Party	21	21	Party Lights	Speed	Onyx Bank 27 Fader 1	Ignore
	22	22	Party with Strobe	Speed	Onyx Bank 27 Fader 2	Ignore
	23	23	Disco	Speed	tbd	Ignore
	24	24	Disco 2	Speed	tbd	Ignore
	25	25	Rave	Speed	tbd	Ignore
	26	26	Rave 2	Speed	tbd	Ignore
	27	27				
	28	28				
	29	29				
	30	30	CMY Wave	Speed	Onyx Bank 26 Fader 8	Ignore
	31	31	CMY Step	Speed	Onyx Bank 26 Fader 8 no fade	Ignore
	32	32	RGB Wave	Speed	Onyx Bank 26 Fader 9	Ignore
	33	33	RGB Step	Speed	Onyx Bank 26 Fader 9 no fade	Ignore
	34	34	CMYRGB Wave	Speed	Cyan/Magenta/Yellow/Red/Green/Blue Fade	Ignore
	35	35	CMYRGB Step	Speed	Cyan/Magenta/Yellow/Red/Green/Blue Step	Ignore
	36	36				
	37	37				
	38	38				
	39	39				
	40	40				

ELATION KL PANEL XL IP - FX TABLE

Type	Slot	DMX	Name	FX Adjustment	Notes/Steps	Color Mix
Fire	41	41	Campfire	Speed	Onyx Bank 25 Fader 8	Ignore
	42	42	Candle	Speed	Onyx Bank 25 Fader 9	Ignore
	43	43	Windy Candle	Speed	Onyx Bank 25 Fader 10	Ignore
	44	44	Large Fire	Speed	tbd	Ignore
	45	45				
	46	46				
	47	47				
	48	48				
	49	49				
	50	50	Fireworks Color	Delay	tbd	Ignore
	51	51	Fireworks White	Delay	tbd	Ignore
	52	52	Fireworks Combo	Delay	tbd	Ignore
	53	53				
	54	54				
	55	55				
	56	56				
	57	57				
	58	58				
	59	59				
	60	60				
Weather	61	61	Lightning 1	Delay	Onyx Bank 26 Fader 1	Use
	62	62	Lightning 2	Delay	Onyx Bank 26 Fader 2	Use
	63	63	Lightning 3	Delay	Onyx Bank 26 Fader 3	Use
	64	64				
	65	65				
	66	66				
	67	67				
	68	68				
	69	69				
	70	70				
	71	71	Clouds	Speed	Onyx Bank 26 Fader 4	Use
	72	72				
	73	73				
	74	74				
	75	75				
	76	76				
	77	77				
	78	78				
	79	79				
	80	80				

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Type	Slot	DMX	Name	FX Adjustment	Notes/Steps	Color Mix
Flashes	81	81	Paparazi 1	Speed	Onyx Bank 26 Fader 5	Use
	82	82	Paparazi 2	Speed	Onyx Bank 26 Fader 6	Use
	83	83	Paparazi 3	Speed	Onyx Bank 26 Fader 7	Use
	84	84				
	85	85				
	86	86				
	87	87				
	88	88				
	89	89				
	90	90	Film Projector	Speed	Onyx Bank 27 Fader 10	Use
	91	91	TV Flicker	Speed	tbd	Use
	92	92	Welding	Speed	tbd	Ignore
	93	93	Flourescent	Speed	tbd	Use
	94	94				
	95	95				
	96	96				
	97	97				
	98	98				
	99	99				
	100	100				
	101-255	101-255				

DMX TRAITS: FX ADJUST TABLE

Value	Function
	Speed
0-5	Stop
6-255	0.1 - 10Hz
	Delay
0-5	Idle
6-10	One Time FX
11-110	Delay 0.1s to 10s
111-210	Random Delay 0.1s to 10s
211-255	Idle