

# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## DIMMER MODE (1 CHANNEL)

Elation KL Panel XL DMX Channels / Functions				
<b>Supports Software Versions: 1.07</b>				
Channel	Value	Function	Default	Snap
1	000 - 255	<b>Dimmer</b> , Intensity 0% to 100%	0	

## DIMMER COLOR MODE (4 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
<b>Supports Software Versions: 1.07</b>				
Channel	Values	Function	Default	Snap
1	000 - 255	<b>Dimmer</b> , Intensity 0% to 100%	0	
2	000 - 255	<b>Dimmer Fine</b>	0	
3		<b>CCT</b>	0	
	000 - 019	Open		
	020 - 100	CCT 2000K - 10000K, see <b>Color Temperature Chart</b>		
	101 - 255	10000K		
4		<b>Color Wheel</b>	0	
	000	Open		
	001 - 179	Virtual Swatch Book, see <b>Virtual Swatch Book Chart</b>		
		<b>Color Scroll</b>		
	180 - 201	Clockwise, fast to slow		
	202 - 207	Stop		
	208 - 229	Counter-clockwise, slow to fast		
	230 - 234	Open		
		<b>Random Slots</b>		
	235 - 239	Fast		
	240 - 244	Medium		
	245 - 249	Slow		
	250 - 255	Open		

# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## DIMMER COLOR FX MODE (7 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
1	000 - 255	<b>Dimmer</b> , Intensity 0% to 100%	0	
2	000 - 255	<b>Dimmer Fine</b>	0	
3		<b>CCT</b>	0	
	000 - 019	Open		
	020 - 100	CCT 2000K - 10000K, see <b>Color Temperature Chart</b>		
	101 - 255	10000K		
4		<b>Color Wheel</b>	0	
	000	Open		
	001 - 179	Virtual Swatch Book, see <b>Virtual Swatch Book Chart</b>		
		<b>Color Scroll</b>		
	180 - 201	Clockwise, fast to slow		
	202 - 207	Stop		
	208 - 229	Counter-clockwise, slow to fast		
	230 - 234	Open		
		<b>Random Slots</b>		
	235 - 239	Fast		
	240 - 244	Medium		
	245 - 249	Slow		
	250 - 255	Open		
5	000 - 255	<b>FX Selection</b> , see <b>FX Table</b>	0	Snap
6	000 - 255	<b>FX Adjustment</b> , see <b>FX Adjustment Table</b>	127	Fade
7		<b>FX Offset</b>	0	Snap
	000	Idle		
	001 - 035	Fixture Offset, 10 degrees to 350 degrees		
	036	Synchronized		
	037 - 100	No Function		
	101 - 120	Random Fixture Offset		
	121 - 140	Random Pixel Order		
141 - 255	Random Steps			

# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## RGBWLC MODE (6 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
<b>Supports Software Versions: 1.07</b>				
Channel	Values	Function	Default	Snap
1	000 - 255	<b>Red</b> , 0% to 100%	255	
2	000 - 255	<b>Green</b> , 0% to 100%	255	
3	000 - 255	<b>Blue</b> , 0% to 100%	255	
4	000 - 255	<b>White</b> , 0% to 100%	255	
5	000 - 255	<b>Lime</b> , 0% to 100%	255	
6	000 - 255	<b>Cyan</b> , 0% to 100%	255	

## RGBWLC 16-BIT MODE (12 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
<b>Supports Software Versions: 1.07</b>				
Channel	Values	Function	Default	Snap
1	000 - 255	<b>Red</b> , 0% to 100%	255	
2	000 - 255	<b>Red Fine</b> , 0% to 100%	255	
3	000 - 255	<b>Green</b> , 0% to 100%	255	
4	000 - 255	<b>Green Fine</b> , 0% to 100%	255	
5	000 - 255	<b>Blue</b> , 0% to 100%	255	
6	000 - 255	<b>Blue Fine</b> , 0% to 100%	255	
7	000 - 255	<b>White</b> , 0% to 100%	255	
8	000 - 255	<b>White Fine</b> , 0% to 100%	255	
9	000 - 255	<b>Lime</b> , 0% to 100%	255	
10	000 - 255	<b>Lime Fine</b> , 0% to 100%	255	
11	000 - 255	<b>Cyan</b> , 0% to 100%	255	
12	000 - 255	<b>Cyan Fine</b> , 0% to 100%	255	

# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## RGBWLC CELLS MODE (48 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
1	000 - 255	<b>Red1</b> , 0% to 100%	255	
2	000 - 255	<b>Green1</b> , 0% to 100%	255	
3	000 - 255	<b>Blue1</b> , 0% to 100%	255	
4	000 - 255	<b>White1</b> , 0% to 100%	255	
5	000 - 255	<b>Lime1</b> , 0% to 100%	255	
6	000 - 255	<b>Cyan1</b> , 0% to 100%	255	
7	000 - 255	<b>Red2</b> , 0% to 100%	255	
8	000 - 255	<b>Green2</b> , 0% to 100%	255	
9	000 - 255	<b>Blue2</b> , 0% to 100%	255	
10	000 - 255	<b>White2</b> , 0% to 100%	255	
11	000 - 255	<b>Lime2</b> , 0% to 100%	255	
12	000 - 255	<b>Cyan2</b> , 0% to 100%	255	
13	000 - 255	<b>Red3</b> , 0% to 100%	255	
14	000 - 255	<b>Green3</b> , 0% to 100%	255	
15	000 - 255	<b>Blue3</b> , 0% to 100%	255	
16	000 - 255	<b>White3</b> , 0% to 100%	255	
17	000 - 255	<b>Lime3</b> , 0% to 100%	255	
18	000 - 255	<b>Cyan3</b> , 0% to 100%	255	
19	000 - 255	<b>Red4</b> , 0% to 100%	255	
20	000 - 255	<b>Green4</b> , 0% to 100%	255	
21	000 - 255	<b>Blue4</b> , 0% to 100%	255	
22	000 - 255	<b>White4</b> , 0% to 100%	255	
23	000 - 255	<b>Lime4</b> , 0% to 100%	255	
24	000 - 255	<b>Cyan4</b> , 0% to 100%	255	
25	000 - 255	<b>Red5</b> , 0% to 100%	255	
26	000 - 255	<b>Green5</b> , 0% to 100%	255	
27	000 - 255	<b>Blue5</b> , 0% to 100%	255	
28	000 - 255	<b>White5</b> , 0% to 100%	255	
29	000 - 255	<b>Lime5</b> , 0% to 100%	255	
30	000 - 255	<b>Cyan5</b> , 0% to 100%	255	
31	000 - 255	<b>Red6</b> , 0% to 100%	255	
32	000 - 255	<b>Green6</b> , 0% to 100%	255	
33	000 - 255	<b>Blue6</b> , 0% to 100%	255	
34	000 - 255	<b>White6</b> , 0% to 100%	255	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## RGBWLC CELLS MODE (48 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
35	000 - 255	<b>Lime6</b> , 0% to 100%	255	
36	000 - 255	<b>Cyan6</b> , 0% to 100%	255	
37	000 - 255	<b>Red7</b> , 0% to 100%	255	
38	000 - 255	<b>Green7</b> , 0% to 100%	255	
39	000 - 255	<b>Blue7</b> , 0% to 100%	255	
40	000 - 255	<b>White7</b> , 0% to 100%	255	
41	000 - 255	<b>Lime7</b> , 0% to 100%	255	
42	000 - 255	<b>Cyan7</b> , 0% to 100%	255	
43	000 - 255	<b>Red8</b> , 0% to 100%	255	
44	000 - 255	<b>Green8</b> , 0% to 100%	255	
45	000 - 255	<b>Blue8</b> , 0% to 100%	255	
46	000 - 255	<b>White8</b> , 0% to 100%	255	
47	000 - 255	<b>Lime8</b> , 0% to 100%	255	
48	000 - 255	<b>Cyan8</b> , 0% to 100%	255	

## RGBWLC CELLS 16-BIT MODE (96 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
1	000 - 255	<b>Red1</b> , 0% to 100%	255	
2	000 - 255	<b>Red1 Fine</b> , 0% to 100%	255	
3	000 - 255	<b>Green1</b> , 0% to 100%	255	
4	000 - 255	<b>Green1 Fine</b> , 0% to 100%	255	
5	000 - 255	<b>Blue1</b> , 0% to 100%	255	
6	000 - 255	<b>Blue1 Fine</b> , 0% to 100%	255	
7	000 - 255	<b>White1</b> , 0% to 100%	255	
8	000 - 255	<b>White1 Fine</b> , 0% to 100%	255	
9	000 - 255	<b>Lime1</b> , 0% to 100%	255	
10	000 - 255	<b>Lime1 Fine</b> , 0% to 100%	255	
11	000 - 255	<b>Cyan1</b> , 0% to 100%	255	
12	000 - 255	<b>Cyan1 Fine</b> , 0% to 100%	255	
13	000 - 255	<b>Red2</b> , 0% to 100%	255	
14	000 - 255	<b>Red2 Fine</b> , 0% to 100%	255	
15	000 - 255	<b>Green2</b> , 0% to 100%	255	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## RGBWLC CELLS 16-BIT MODE (96 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
16	000 - 255	<b>Green2 Fine</b> , 0% to 100%	255	
17	000 - 255	<b>Blue2</b> , 0% to 100%	255	
18	000 - 255	<b>Blue2 Fine</b> , 0% to 100%	255	
19	000 - 255	<b>White2</b> , 0% to 100%	255	
20	000 - 255	<b>White2 Fine</b> , 0% to 100%	255	
21	000 - 255	<b>Lime2</b> , 0% to 100%	255	
22	000 - 255	<b>Lime2 Fine</b> , 0% to 100%	255	
23	000 - 255	<b>Cyan2</b> , 0% to 100%	255	
24	000 - 255	<b>Cyan2 Fine</b> , 0% to 100%	255	
25	000 - 255	<b>Red3</b> , 0% to 100%	255	
26	000 - 255	<b>Red3 Fine</b> , 0% to 100%	255	
27	000 - 255	<b>Green3</b> , 0% to 100%	255	
28	000 - 255	<b>Green3 Fine</b> , 0% to 100%	255	
29	000 - 255	<b>Blue3</b> , 0% to 100%	255	
30	000 - 255	<b>Blue3 Fine</b> , 0% to 100%	255	
31	000 - 255	<b>White3</b> , 0% to 100%	255	
32	000 - 255	<b>White3 Fine</b> , 0% to 100%	255	
33	000 - 255	<b>Lime3</b> , 0% to 100%	255	
34	000 - 255	<b>Lime3 Fine</b> , 0% to 100%	255	
35	000 - 255	<b>Cyan3</b> , 0% to 100%	255	
36	000 - 255	<b>Cyan3 Fine</b> , 0% to 100%	255	
37	000 - 255	<b>Red4</b> , 0% to 100%	255	
38	000 - 255	<b>Red4 Fine</b> , 0% to 100%	255	
39	000 - 255	<b>Green4</b> , 0% to 100%	255	
40	000 - 255	<b>Green4 Fine</b> , 0% to 100%	255	
41	000 - 255	<b>Blue4</b> , 0% to 100%	255	
42	000 - 255	<b>Blue4 Fine</b> , 0% to 100%	255	
43	000 - 255	<b>White4</b> , 0% to 100%	255	
44	000 - 255	<b>White4 Fine</b> , 0% to 100%	255	
45	000 - 255	<b>Lime4</b> , 0% to 100%	255	
46	000 - 255	<b>Lime4 Fine</b> , 0% to 100%	255	
47	000 - 255	<b>Cyan4</b> , 0% to 100%	255	
48	000 - 255	<b>Cyan4 Fine</b> , 0% to 100%	255	
49	000 - 255	<b>Red5</b> , 0% to 100%	255	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

RGBWLC CELLS 16-BIT MODE (96 CHANNELS) (continued)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
50	000 - 255	<b>Red5 Fine</b> , 0% to 100%	255	
51	000 - 255	<b>Green5</b> , 0% to 100%	255	
52	000 - 255	<b>Green5 Fine</b> , 0% to 100%	255	
53	000 - 255	<b>Blue5</b> , 0% to 100%	255	
54	000 - 255	<b>Blue5 Fine</b> , 0% to 100%	255	
55	000 - 255	<b>White5</b> , 0% to 100%	255	
56	000 - 255	<b>White5 Fine</b> , 0% to 100%	255	
57	000 - 255	<b>Lime5</b> , 0% to 100%	255	
58	000 - 255	<b>Lime5 Fine</b> , 0% to 100%	255	
59	000 - 255	<b>Cyan5</b> , 0% to 100%	255	
60	000 - 255	<b>Cyan5 Fine</b> , 0% to 100%	255	
61	000 - 255	<b>Red6</b> , 0% to 100%	255	
62	000 - 255	<b>Red6 Fine</b> , 0% to 100%	255	
63	000 - 255	<b>Green6</b> , 0% to 100%	255	
64	000 - 255	<b>Green6 Fine</b> , 0% to 100%	255	
65	000 - 255	<b>Blue6</b> , 0% to 100%	255	
66	000 - 255	<b>Blue6 Fine</b> , 0% to 100%	255	
67	000 - 255	<b>White6</b> , 0% to 100%	255	
68	000 - 255	<b>White6 Fine</b> , 0% to 100%	255	
69	000 - 255	<b>Lime6</b> , 0% to 100%	255	
70	000 - 255	<b>Lime6 Fine</b> , 0% to 100%	255	
71	000 - 255	<b>Cyan6</b> , 0% to 100%	255	
72	000 - 255	<b>Cyan6 Fine</b> , 0% to 100%	255	
73	000 - 255	<b>Red7</b> , 0% to 100%	255	
74	000 - 255	<b>Red7 Fine</b> , 0% to 100%	255	
75	000 - 255	<b>Green7</b> , 0% to 100%	255	
76	000 - 255	<b>Green7 Fine</b> , 0% to 100%	255	
77	000 - 255	<b>Blue7</b> , 0% to 100%	255	
78	000 - 255	<b>Blue7 Fine</b> , 0% to 100%	255	
79	000 - 255	<b>White7</b> , 0% to 100%	255	
80	000 - 255	<b>White7 Fine</b> , 0% to 100%	255	
81	000 - 255	<b>Lime7</b> , 0% to 100%	255	
82	000 - 255	<b>Lime7 Fine</b> , 0% to 100%	255	
83	000 - 255	<b>Cyan7</b> , 0% to 100%	255	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## RGBWLC CELLS 16-BIT MODE (96 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
84	000 - 255	<b>Cyan7 Fine</b> , 0% to 100%	255	
85	000 - 255	<b>Red8</b> , 0% to 100%	255	
86	000 - 255	<b>Red8 Fine</b> , 0% to 100%	255	
87	000 - 255	<b>Green8</b> , 0% to 100%	255	
88	000 - 255	<b>Green8 Fine</b> , 0% to 100%	255	
89	000 - 255	<b>Blue8</b> , 0% to 100%	255	
90	000 - 255	<b>Blue8 Fine</b> , 0% to 100%	255	
91	000 - 255	<b>White8</b> , 0% to 100%	255	
92	000 - 255	<b>White8 Fine</b> , 0% to 100%	255	
93	000 - 255	<b>Lime8</b> , 0% to 100%	255	
94	000 - 255	<b>Lime8 Fine</b> , 0% to 100%	255	
95	000 - 255	<b>Cyan8</b> , 0% to 100%	255	
96	000 - 255	<b>Cyan8 Fine</b> , 0% to 100%	255	

## RGB CELLS MODE (24 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
1	000 - 255	<b>Red1</b> , 0% to 100%	255	
2	000 - 255	<b>Green1</b> , 0% to 100%	255	
3	000 - 255	<b>Blue1</b> , 0% to 100%	255	
4	000 - 255	<b>Red2</b> , 0% to 100%	255	
5	000 - 255	<b>Green2</b> , 0% to 100%	255	
6	000 - 255	<b>Blue2</b> , 0% to 100%	255	
7	000 - 255	<b>Red3</b> , 0% to 100%	255	
8	000 - 255	<b>Green3</b> , 0% to 100%	255	
9	000 - 255	<b>Blue3</b> , 0% to 100%	255	
10	000 - 255	<b>Red4</b> , 0% to 100%	255	
11	000 - 255	<b>Green4</b> , 0% to 100%	255	
12	000 - 255	<b>Blue4</b> , 0% to 100%	255	
13	000 - 255	<b>Red5</b> , 0% to 100%	255	
14	000 - 255	<b>Green5</b> , 0% to 100%	255	
15	000 - 255	<b>Blue5</b> , 0% to 100%	255	
16	000 - 255	<b>Red6</b> , 0% to 100%	255	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## RGB CELLS MODE (24 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
<b>Supports Software Versions: 1.07</b>				
Channel	Values	Function	Default	Snap
17	000 - 255	<b>Green6</b> , 0% to 100%	255	
18	000 - 255	<b>Blue6</b> , 0% to 100%	255	
19	000 - 255	<b>Red7</b> , 0% to 100%	255	
20	000 - 255	<b>Green7</b> , 0% to 100%	255	
21	000 - 255	<b>Blue7</b> , 0% to 100%	255	
22	000 - 255	<b>Red8</b> , 0% to 100%	255	
23	000 - 255	<b>Green8</b> , 0% to 100%	255	
24	000 - 255	<b>Blue8</b> , 0% to 100%	255	

## STANDARD MODE (14 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
<b>Supports Software Versions: 1.07</b>				
Channel	Values	Function	Default	Snap
1		<b>Shutter, Strobe</b>	50	Snap
	000 - 031	Shutter closed		
	032 - 063	No function (shutter open)		
	064 - 095	Strobe effect, slow to fast		
	096 - 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)		
2	000 - 255	<b>Dimmer</b> , Intensity 0% to 100%	0	
3	000 - 255	<b>Dimmer Fine</b>	0	
4	000 - 255	<b>Red</b> , 0% to 100%	255	
5	000 - 255	<b>Green</b> , 0% to 100%	255	
6	000 - 255	<b>Blue</b> , 0% to 100%	255	
7		<b>CCT</b>	0	
	000 - 019	Open		
	020 - 100	CCT, 2000K to 10000K (see <b>Color Temperature Chart</b> )		
	101 - 255	10000K		

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## STANDARD MODE (14 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
8		<b>Green Shift</b>	0	
	000	Idle		
	001 - 127	Full Minus Green to Neutral		
	128	Neutral White		
	129 - 255	Neutral to Full Plus Green		
9		<b>Color Wheel</b>	0	
	000	Open		
	001 - 179	Virtual Swatch Book, see <i>Virtual Swatch Book Chart</i>		
		<b>Color Scroll</b>		
	180 - 201	Clockwise, fast to slow		
	202 - 207	Stop		
	208 - 229	Counter-clockwise, slow to fast		
	230 - 234	Open		
		<b>Random Slots</b>		
	235 - 239	Fast		
	240 - 244	Medium		
	245 - 249	Slow		
	250 - 255	Open		
10		<b>Dim Modes</b>	0	Snap
	000 - 020	Standard		
	021 - 040	Stage		
	041 - 060	TV		
	061 - 080	Architectural		
	081 - 100	Theatre		
	101 - 120	Stage 2		
		<b>Dimmer Delay Time</b>		
	121	0s		
	122	0.1s		
	123	0.2s		
	124	0.3s		
	125	0.4s		
	126	0.5s		
	127	0.6s		
128	0.7s			

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## STANDARD MODE (14 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
10		<b><i>Dimmer Delay Time (continued)</i></b>	0	Snap
	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		
11		<b><i>Control</i></b>	0	Snap
	000 - 029	Idle		
	030 - 039	Fan Mode Auto		
	040 - 049	Fan Mode Silent		
	050 - 059	Fan Mode High		
	060 - 079	Idle		
	080 - 084	Reset		
	085 - 099	Idle		
	100 - 168	Refresh Rate (Hz), see <b><i>Refresh Rate Table</i></b>		
	169 - 200	Idle		
	201 - 210	Dimmer Curve Linear (default)		
	211 - 220	Dimmer Curve Square		
	221 - 230	Dimmer Curve Inverse Square		
	231 - 240	Dimmer Curve S-Curve		
	241	Internal Program 1 (Scene 1-8)		
	242	Internal Program 2 (Scene 9-16)		
	243	Internal Program 3 (Scene 17-24)		
	244	Internal Program 4 (Scene 25-32)		
245	Internal Program 5 (Scene 33-40)			

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## STANDARD MODE (14 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
11		<b>Control <i>(continued)</i></b>	0	Snap
	246	Internal Program 6 (Scene 41-48)		
	247	Internal Program 7 (Scene 49-56)		
	248 - 255	Idle		
12	000 - 255	FX Selection, see <b>FX Table</b>	0	Snap
13	000 - 255	FX Adjustment, see <b>FX Adjustment Table</b>	127	Fade
14		<b>FX Offset</b>	0	Snap
	000	Idle		
	001 - 035	Fixture Offset, 10 Degrees to 350 Degrees		
	036	Synchronized		
	037 - 100	No function		
	101 - 120	Random fixture offset		
	121 - 140	Random pixel order		
	141 - 255	Random steps		

## EXTENDED MODE (23 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
1		<b>Shutter, Strobe</b>	50	Snap
	000 - 031	Shutter closed		
	032 - 063	No function (shutter open)		
	064 - 095	Strobe effect, slow to fast		
	096 - 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)		
2	000 - 255	<b>Dimmer</b> , Intensity 0% to 100%	0	
3	000 - 255	<b>Dimmer Fine</b>	0	
4	000 - 255	<b>Red</b> , 0% to 100%	255	
5	000 - 255	<b>Red Fine</b> , 0% to 100%	255	
6	000 - 255	<b>Green</b> , 0% to 100%	255	
7	000 - 255	<b>Green Fine</b> , 0% to 100%	255	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## EXTENDED MODE (23 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
8	000 - 255	<b>Blue</b> , 0% to 100%	255	
9	000 - 255	<b>Blue Fine</b> , 0% to 100%	255	
10	000 - 255	<b>White</b> , 0% to 100%	255	
11	000 - 255	<b>White Fine</b> , 0% to 100%	255	
12	000 - 255	<b>Lime</b> , 0% to 100%	255	
13	000 - 255	<b>Lime Fine</b> , 0% to 100%	255	
14	000 - 255	<b>Cyan</b> , 0% to 100%	255	
15	000 - 255	<b>Cyan Fine</b> , 0% to 100%	255	
16		<b>CCT</b>	0	
	000 - 019	Idle		
	020 - 100	CCT, 2000K to 10000K (see <b>Color Temperature Chart</b> )		
	101 - 255	10000K		
17		<b>Green Shift</b>	0	
	000	Idle		
	001 - 127	Full Minus Green to Neutral		
	128	Neutral White		
18		<b>Color Wheel</b>	0	
	000	Open		
	001 - 179	Virtual Swatch Book, see <b>Virtual Swatch Book Chart</b>		
		<b>Color Scroll</b>		
	180 - 201	Clockwise, fast to slow		
	202 - 207	Stop		
	208 - 229	Counter-clockwise, slow to fast		
	230 - 234	Open		
		<b>Random Slots</b>		
	235 - 239	Fast		
	240 - 244	Medium		
	245 - 249	Slow		
250 - 255	Open			

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## EXTENDED MODE (23 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
19		<b><i>Dim Modes</i></b>	0	Snap
	000 - 020	Standard		
	021 - 040	Stage		
	041 - 060	TV		
	061 - 080	Architectural		
	081 - 100	Theatre		
	101 - 120	Stage 2		
		<b><i>Dimmer Delay Time</i></b>		
	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			
20		<b><i>Control</i></b>	0	Snap
	000 - 029	Idle		
	030 - 039	Fan Mode Auto		
	040 - 049	Fan Mode Silent		

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## EXTENDED MODE (23 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
20		<b>Control <i>(continued)</i></b>	0	Snap
	050 - 059	Fan Mode High		
	060 - 079	Idle		
	080 - 084	Reset		
	085 - 099	Idle		
	100 - 168	Refresh Rate (Hz), see <b>Refresh Rate Table</b>		
	169 - 200	Idle		
	201 - 210	Dimmer Curve Linear (default)		
	211 - 220	Dimmer Curve Square		
	221 - 230	Dimmer Curve Inverse Square		
	231 - 240	Dimmer Curve S-Curve		
	241	Internal Program 1 (Scene 1-8)		
	242	Internal Program 2 (Scene 9-16)		
	243	Internal Program 3 (Scene 17-24)		
	244	Internal Program 4 (Scene 25-32)		
	245	Internal Program 5 (Scene 33-40)		
	246	Internal Program 6 (Scene 41-48)		
	247	Internal Program 7 (Scene 49-56)		
248 - 255	Idle			
21	000 - 255	<b>FX Selection</b> , see <b>FX Table</b>	0	Snap
22	000 - 255	<b>FX Adjustment</b> , see <b>FX Adjustment Table</b>	127	Fade
23		<b>FX Offset</b>	0	Snap
	000	Idle		
	001 - 035	Fixture Offset, 10 Degrees to 350 Degrees		
	036	Synchronized		
	037 - 100	No function		
	101 - 120	Random Fixture Offset		
	121 - 140	Random Pixel Order		
	141 - 255	Random Steps		

# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## EXTENDED CELLS MODE (58 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
1		<b>Shutter, Strobe</b>	50	Snap
	000 - 031	Shutter closed		
	032 - 063	No function (shutter open)		
	064 - 095	Strobe effect, slow to fast		
	096 - 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)		
2	000 - 255	<b>Dimmer Intensity</b> , 0% to 100%	0	
3		<b>CCT</b>	0	
	000 - 019	Open		
	020 - 100	CCT, 2000K to 10000K (see <b>Color Temperature Chart</b> )		
	101 - 255	10000K		
4		<b>Green Shift</b>	0	
	000	Idle		
	001 - 127	Full Minus Green to Neutral		
	128	Neutral White		
	129 - 255	Neutral to Full Plus Green		
5		<b>Color Wheel</b>	0	
	000	Open		
	001 - 179	Virtual Swatch Book, see Virtual Swatch Book Table		
		<b>Color Scroll</b>		
	180 - 201	Clockwise, fast to slow		
	202 - 207	Stop		
	208 - 229	Counter-clockwise, slow to fast		
	230 - 234	Open		
		<b>Random Slots</b>		
	235 - 239	Fast		
	240 - 244	Medium		
	245 - 249	Slow		
	250 - 255	Open		
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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## EXTENDED CELLS MODE (58 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
6		<b><i>Dim Modes</i></b>	0	Snap
	000 - 020	Standard		
	021 - 040	Stage		
	041 - 060	TV		
	061 - 080	Architectural		
	081 - 100	Theatre		
	101 - 120	Stage 2		
		<b><i>Dimmer Delay Time</i></b>		
	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			
7		<b><i>Control</i></b>	0	Snap
	000 - 029	Idle		
	030 - 039	Fan Mode Auto		
	040 - 049	Fan Mode Silent		

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## EXTENDED CELLS MODE (58 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
7		<b>Control <i>(continued)</i></b>	0	Snap
	050 - 059	Fan Mode High		
	060 - 079	Idle		
	080 - 084	Reset		
	085 - 099	Idle		
	100 - 168	Refresh Rate (Hz), see <b>Refresh Rate Table</b>		
	169 - 200	Idle		
	201 - 210	Dimmer Curve Linear (default)		
	211 - 220	Dimmer Curve Square		
	221 - 230	Dimmer Curve Inverse Square		
	231 - 240	Dimmer Curve S-Curve		
	241	Internal Program 1 (Scene 1-8)		
	242	Internal Program 2 (Scene 9-16)		
	243	Internal Program 3 (Scene 17-24)		
	244	Internal Program 4 (Scene 25-32)		
	245	Internal Program 5 (Scene 33-40)		
	246	Internal Program 6 (Scene 41-48)		
247	Internal Program 7 (Scene 49-56)			
248 - 255	Idle			
8	000 - 255	<b>FX Selection</b> , see <b>FX Table</b>	0	Snap
9	000 - 255	<b>FX Adjustment</b> , see <b>FX Adjustment Table</b>	127	Fade
10		<b>FX Offset</b>	0	Snap
	000	Idle		
	001 - 035	Fixture Offset, 10 Degrees to 350 Degrees		
	036	Synchronized		
	037 - 100	No function		
	101 - 120	Random Fixture Offset		
	121 - 140	Random Pixel Order		
141 - 255	Random Steps			
11	000 - 255	<b>Red1</b> , 0% to 100%	255	
12	000 - 255	<b>Green1</b> , 0% to 100%	255	
13	000 - 255	<b>Blue1</b> , 0% to 100%	255	
14	000 - 255	<b>White1</b> , 0% to 100%	255	
15	000 - 255	<b>Lime1</b> , 0% to 100%	255	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## EXTENDED CELLS MODE (58 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
16	000 - 255	<b>Cyan1</b> , 0% to 100%	255	
17	000 - 255	<b>Red2</b> , 0% to 100%	255	
18	000 - 255	<b>Green2</b> , 0% to 100%	255	
19	000 - 255	<b>Blue2</b> , 0% to 100%	255	
20	000 - 255	<b>White2</b> , 0% to 100%	255	
21	000 - 255	<b>Lime2</b> , 0% to 100%	255	
22	000 - 255	<b>Cyan2</b> , 0% to 100%	255	
23	000 - 255	<b>Red3</b> , 0% to 100%	255	
24	000 - 255	<b>Green3</b> , 0% to 100%	255	
25	000 - 255	<b>Blue3</b> , 0% to 100%	255	
26	000 - 255	<b>White3</b> , 0% to 100%	255	
27	000 - 255	<b>Lime3</b> , 0% to 100%	255	
28	000 - 255	<b>Cyan3</b> , 0% to 100%	255	
29	000 - 255	<b>Red4</b> , 0% to 100%	255	
30	000 - 255	<b>Green4</b> , 0% to 100%	255	
31	000 - 255	<b>Blue4</b> , 0% to 100%	255	
32	000 - 255	<b>White4</b> , 0% to 100%	255	
33	000 - 255	<b>Lime4</b> , 0% to 100%	255	
34	000 - 255	<b>Cyan4</b> , 0% to 100%	255	
35	000 - 255	<b>Red5</b> , 0% to 100%	255	
36	000 - 255	<b>Green5</b> , 0% to 100%	255	
37	000 - 255	<b>Blue5</b> , 0% to 100%	255	
38	000 - 255	<b>White5</b> , 0% to 100%	255	
39	000 - 255	<b>Lime5</b> , 0% to 100%	255	
40	000 - 255	<b>Cyan5</b> , 0% to 100%	255	
41	000 - 255	<b>Red6</b> , 0% to 100%	255	
42	000 - 255	<b>Green6</b> , 0% to 100%	255	
43	000 - 255	<b>Blue6</b> , 0% to 100%	255	
44	000 - 255	<b>White6</b> , 0% to 100%	255	
45	000 - 255	<b>Lime6</b> , 0% to 100%	255	
46	000 - 255	<b>Cyan6</b> , 0% to 100%	255	
47	000 - 255	<b>Red7</b> , 0% to 100%	255	
48	000 - 255	<b>Green7</b> , 0% to 100%	255	
49	000 - 255	<b>Blue7</b> , 0% to 100%	255	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## EXTENDED CELLS MODE (58 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
50	000 - 255	<b>White7</b> , 0% to 100%	255	
51	000 - 255	<b>Lime7</b> , 0% to 100%	255	
52	000 - 255	<b>Cyan7</b> , 0% to 100%	255	
53	000 - 255	<b>Red8</b> , 0% to 100%	255	
54	000 - 255	<b>Green8</b> , 0% to 100%	255	
55	000 - 255	<b>Blue8</b> , 0% to 100%	255	
56	000 - 255	<b>White8</b> , 0% to 100%	255	
57	000 - 255	<b>Lime8</b> , 0% to 100%	255	
58	000 - 255	<b>Cyan8</b> , 0% to 100%	255	

## HSI MODE (4 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
1	000 - 255	<b>Dimmer Intensity</b> , 0% to 100%	0	
2	000 - 255	<b>Dimmer Fine</b>	0	
3	000 - 255	<b>Hue</b> , 0% to 100%	255	
4	000 - 255	<b>Saturation</b> , 0% to 100%	255	

## HSI EXTENDED MODE (12 CHANNELS)

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
1		<b>Shutter, strobe</b>	50	Snap
	000 - 031	Shutter closed		
	032 - 063	No function (shutter open)		
	064 - 095	Strobe effect, slow to fast		
	096 - 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)		
2	000 - 255	<b>Dimmer Intensity</b> , 0% to 100%	0	
3	000 - 255	<b>Dimmer Fine</b>	0	

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## HSI EXTENDED MODE (12 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
4	000 - 255	<b>Hue</b> , 0% to 100%	255	
5	000 - 255	<b>Saturation</b> , 0% to 100%	255	
6		<b>CCT</b>	0	
	000 - 019	Open		
	020 - 100	CCT 2000K - 10000K (see <b>Color Temperature Table</b> )		
	101 - 255	10000K		
7		<b>Color Wheel</b>	0	
	000	Open		
	001 - 179	Virtual Swatch Book (see <b>Virtual Swatch Book</b> )		
		<b>Color Scroll</b>		
	180 - 201	Clockwise, fast to slow		
	202 - 207	Stop		
	208 - 229	Counter-clockwise, slow to fast		
	230 - 234	Open		
		<b>Random Slots</b>		
	235 - 239	Fast		
	240 - 244	Medium		
	245 - 249	Slow		
	250 - 255	Open		
8		<b>Dim Modes</b>	0	Snap
	000 - 020	Standard		
	021 - 040	Stage		
	041 - 060	TV		
	061 - 080	Architectural		
	081 - 100	Theatre		
	101 - 120	Stage 2		
		<b>Dimmer Delay Time</b>		
	121	0s		
	122	0.1s		
	123	0.2s		
	124	0.3s		
	125	0.4s		
126	0.5s			
127	0.6s			

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## HSI EXTENDED MODE (12 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
8		<b><i>Dimmer Delay Time (continued)</i></b>	0	Snap
	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		<b><i>Control</i></b>	0	Snap
	000 - 029	Idle		
	030 - 039	Fan Mode Auto		
	040 - 049	Fan Mode Silent		
	050 - 059	Fan Mode High		
	060 - 079	Idle		
	080 - 084	Reset		
	085 - 099	Idle		
	100 - 168	Refresh Rate (see <b><i>Refresh Rate Table</i></b> )		
	169 - 200	Idle		
	201 - 210	Dimmer Curve Linear (default)		
	211 - 220	Dimmer Curve Square		
	221 - 230	Dimmer Curve Inverse Square		
	231 - 240	Dimmer Curve S-Curve		
	241	Internal Program 1 (Scene 1-8)		
	242	Internal Program 2 (Scene 9-16)		
	243	Internal Program 3 (Scene 17-24)		
244	Internal Program 4 (Scene 25-32)			

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# ELATION KL PANEL XL - DMX CHANNEL FUNCTIONS AND VALUES

## HSI EXTENDED MODE (12 CHANNELS) *(continued)*

Elation KL Panel XL DMX Channels / Functions				
Supports Software Versions: 1.07				
Channel	Values	Function	Default	Snap
9		<b>Control <i>(continued)</i></b>	0	Snap
	245	Internal Program 5 (Scene 33-40)		
	246	Internal Program 6 (Scene 41-48)		
	247	Internal Program 7 (Scene 49-56)		
	248 - 255	Idle		
10	000 - 255	<b>FX Selection</b> (see <b>FX Table</b> )	0	Snap
11	000 - 255	<b>FX Adjustment</b> , minimum to maximum (see <b>FX Adjustment Table</b> )	127	Fade
12		<b>FX Offset</b>	0	Snap
	000	Idle		
	001 - 035	Fixture Offset, 0 degrees to 350 degrees		
	036	Synchronized		
	037 - 100	No function		
	101 - 120	Random fixture offset		
	121 - 140	Random pixel order		
	141 - 255	Random steps		