

ELATION KL BATTEN 12 - DMX TRAITS

PLEASE NOTE: Due to the number of DMX channel modes available on this fixture, the chart on the following pages has been divided into three sections for ease of readability. If you are unable to locate information regarding the channel that you are looking for, please ensure that you are reviewing the correct section of the DMX Traits table. The sections and their respective contents are listed below:

Single Cell:

- 1Ch Dimmer
- 3Ch RGB (3Ch-A)
- 4Ch RGBA (4Ch-A)
- 4Ch Dimmer/CCT (4Ch-B)
- 3Ch HSI (3Ch-B)
- 6Ch HSIC (6Ch-A)
- 10Ch RGBMA
- 14Ch Standard
- 22Ch Extended
- 16Ch xy Extended (16Ch-A)

2 Cell:

- 6Ch RGB 2-cell (6Ch-B)
- 8Ch RGBA 2-cell
- 6Ch HSI 2-cell (6Ch-C)
- 20Ch RGBMA 2-cell (20Ch-A)
- 20Ch Standard 2-cell (20Ch-B)
- 35Ch Extended 2-cell

4 Cell:

- 12Ch RGB 4-cell (12Ch-A)
- 16Ch RGBA 4-cell (16Ch-B)
- 12Ch HSI 4-cell (12Ch-B)
- 40Ch RGBMA 4-cell
- 32Ch Standard 4-cell
- 61Ch Extended 4-cell

RELATION KL BATTEN 12 - DMX TRAITS (SINGLE CELL)

MODE/CHANNEL										DMX VALUES	FUNCTION	SNAP	DEF VAL
1 ch	3 ch A	4 ch A	4 ch B	3 ch B	6 ch A	10 ch	14 ch	22 ch	16 ch A				
1			1				1	1	1	000 - 255	Dimmer Intensity, 0 - 100%		0
			2				2	2	2	000 - 255	Dimmer Fine Fine intensity control		0
							3	3	3	000 - 031	Shutter/Strobe Shutter closed		50
										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 - 225	No function (shutter open)		
										226 - 253	Random pixel, slow to fast		
										254 - 255	No function (shutter open)		
	1	1				1	4	4		000 - 255	Red 0 - 100%		
						2		5		000 - 255	Red Fine Fine adjustment		
	2	2				3	5	6		000 - 255	Green 0 - 100%		
						4		7		000 - 255	Green Fine Fine adjustment		
	3	3				5	6	8		000 - 255	Blue 0 - 100%		
						6		9		000 - 255	Blue Fine Fine adjustment		
						7	7	10		000 - 255	Mint 0 - 100%		
						8		11		000 - 255	Mint Fine Fine adjustment		

RELATION KL BATTEN 12 - DMX TRAITS (SINGLE CELL)

MODE/CHANNEL										DMX VALUES	FUNCTION	SNAP	DEF VAL
1 ch	3 ch A	4 ch A	4 ch B	3 ch B	6 ch A	10 ch	14 ch	22 ch	16 ch A				
		4				9	8	12			Amber		
										000 - 255	0 - 100%		
						10		13			Amber Fine		
										000 - 255	Fine adjustment		
				1	1						Hue		0
										000 - 255	0 to 360°		
					2						Hue Fine		0
										000 - 255	0 to 360°		
				2	3						Saturation		0
										000 - 255	0 to 100%		
				3	4						Dimmer 1		0
										000 - 255	0 to 100%		
									4		x Coordinate		0
										000 - 255	0 to 100%		
									5		x Coordinate Fine		0
										000 - 255	Fine adjustment		
									6		y Coordinate		0
										000 - 255	0 to 100%		
									7		y Coordinate Fine		0
										000 - 255	Fine adjustment		
			3		5		9				CCT Presets		
										000 - 023	Open	X	0
										024 - 085	2400K to 8500K (see Color Temperature Table)		
										086 - 255	8500K		
								14	8		Variable CCT		
										000 - 023	Open		0
										024 - 255	2400K to 8500K		
								15	9		Variable CCT Fine		
										000 - 255	Fine adjustment		0
			4		6			16	10		Green Shift		
										000	Idle		0
										001 - 127	Full Minus Green to Neutral		
										128	Neutral White		
										129 - 255	Neutral to Full Plus Green		

RELATION KL BATTEN 12 - DMX TRAITS (SINGLE CELL)

MODE/CHANNEL										DMX VALUES	FUNCTION	SNAP	DEF VAL
1 ch	3 ch A	4 ch A	4 ch B	3 ch B	6 ch A	10 ch	14 ch	22 ch	16 ch A				
											Color		
										000	Open		
										001 - 179	Virtual Swatch Book (See Virtual Colors Table)		
											Color Scroll		
										180 - 201	Clockwise, fast to slow		
										202 - 207	Stop		
							10	17	11	228 - 229	Counter-clockwise, slow to fast		0
										230 - 234	Open		
											Random Slots		
										235 - 239	Fast		
										240 - 244	Medium		
										245 - 249	Slow		
										250 - 255	Open		
											Effect Selection		
							11	18	12	000 - 255	FX Selection, 1 - 255 (see table)	X	0
											Effect Speed		
										000 - 126	Fast to slow		
							12	19	13	127 - 128	Stop		0
										129 - 255	Slow to fast		
											Effect Offset		
										000	Idle		
										001 - 035	Fixture Offset, 10° to 350°		
										036	Synchronized		
										037 - 049	Random Fixture Offset		
										050 - 059	Random Pixel Order		
										060 - 069	Random Steps		
										070 - 079	Idle		
							13	20	14		Effect Fade	X	0
										080 - 089	Sinewave - Cross		
										090 - 099	Sinewave - Full		
										100 - 109	Sawtooth - Cross		
										110 - 119	Sawtooth - Full		
										120 - 129	Ramp Up		
										130 - 139	Ramp Down		
										140 - 149	Steps		
										150 - 255	Idle		

RELATION KL BATTEN 12 - DMX TRAITS (SINGLE CELL)

MODE/CHANNEL										DMX VALUES	FUNCTION	SNAP	DEF VAL
1 ch	3 ch A	4 ch A	4 ch B	3 ch B	6 ch A	10 ch	14 ch	22 ch	16 ch A				
											Dim Modes		
										000 - 020	Standard		
										021 - 040	Stage		
										041 - 060	TV		
										061 - 080	Architectural		
										081 - 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		
								21	15	129	0.8s		
										130	0.9s	X	0
										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 - 149	Idle		
											Dim to Warm		
										150 - 154	DTW On		
										155 - 159	DTW Off (default)		
										160 - 255	Idle		

RELATION KL BATTEN 12 - DMX TRAITS (SINGLE CELL)

MODE/CHANNEL										DMX VALUES	FUNCTION	SNAP	DEF VAL	
1 ch	3 ch A	4 ch A	4 ch B	3 ch B	6 ch A	10 ch	14 ch	22 ch	16 ch A					
											Refresh Rate (Hz) (continued)			
											126	1160		
											127	1170		
											128	1180		
											129	1190		
											130	1200 (default)		
											131	1210		
											132	1220		
											133	1230		
											134	1240		
											135	1250		
											136	1260		
											137	1270		
											138	1280		
											139	1290		
											140	1300		
											141	1310		
											142	1320		
							14	22	16		143	1330	X	0
											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		

ELATION KL BATTEN 12 - DMX TRAITS (SINGLE CELL)

MODE/CHANNEL										DMX VALUES	FUNCTION	SNAP	DEF VAL
1 ch	3 ch A	4 ch A	4 ch B	3 ch B	6 ch A	10 ch	14 ch	22 ch	16 ch A				
											Refresh Rate (Hz) (continued)		
										162	4000		
										163	5000		
										164	6000		
										165	10000		
										166	15000		
										167	20000		
										168	25000		
										169 - 174	Idle		
											Color Tuning		
										175 - 176	Highest Fidelity		
							14	22	16	177 - 178	Balanced Output and Fidelity	X	0
										179 - 180	Highest Output (default)		
											Output Balance		
										181 - 182	Bright (Highest Output) (default)		
										183 - 184	Uniform (Elation Full Spectrum Match)		
										185 - 200	Idle		
											Dimmer Curves		
										201 - 210	Linear		
										211 - 220	Square		
										221 - 230	Inverse Square		
										231 - 240	S-Curve (default)		
										241 - 255	Idle		

RELATION KL BATTEN 12 - DMX TRAITS (2 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
6 ch B	8 ch	6 ch C	20 ch A	20 ch B	35 ch				
				1	1		Dimmer		0
						000 - 255	Intensity, 0 - 100%		
				2	2		Dimmer Fine		0
						000 - 255	Fine intensity control		
				3	3		Shutter/Strobe		50
						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 - 225	No function (shutter open)		
						226 - 253	Random pixel, slow to fast		
				254 - 255	No function (shutter open)				
1	1		1	4	4		Red		
						000 - 255	0 - 100%		
			2		5		Red Fine		
						000 - 255	Fine adjustment		
2	2		3	5	6		Green		
						000 - 255	0 - 100%		
			4		7		Green Fine		
						000 - 255	Fine adjustment		
3	3		5	6	8		Blue		
						000 - 255	0 - 100%		
			6		9		Blue Fine		
						000 - 255	Fine adjustment		
			7	7	10		Mint		
						000 - 255	0 - 100%		
			8		11		Mint Fine		
						000 - 255	Fine adjustment		
	4		9	8	12		Amber		
						000 - 255	0 - 100%		
			10		13		Amber Fine		
						000 - 255	Fine adjustment		

RELATION KL BATTEN 12 - DMX TRAITS (2 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
6 ch B	8 ch	6 ch C	20 ch A	20 ch B	35 ch				
4	5		11	9	14		Red 2		
						000 - 255	0 - 100%		
			12		15		Red 2 Fine		
						000 - 255	Fine adjustment		
5	6		13	10	16		Green 2		
						000 - 255	0 - 100%		
			14		17		Green 2 Fine		
						000 - 255	Fine adjustment		
6	7		15	11	18		Blue 2		
						000 - 255	0 - 100%		
			16		19		Blue 2 Fine		
						000 - 255	Fine adjustment		
			17	12	20		Mint 2		
						000 - 255	0 - 100%		
			18		21		Mint 2 Fine		
						000 - 255	Fine adjustment		
	8		19	13	22		Amber 2		
						000 - 255	0 - 100%		
			20		23		Amber 2 Fine		
						000 - 255	Fine adjustment		
		1					Hue		0
						000 - 255	0 to 360°		
		2					Saturation		0
						000 - 255	0 to 100%		
		3					Dimmer 1		0
						000 - 255	0 to 100%		
		4					Hue 2		0
						000 - 255	0 to 360°		
		5					Saturation 2		0
						000 - 255	0 to 100%		
		6					Dimmer 2		0
						000 - 255	0 to 100%		
				14			CCT Presets	X	0
						000 - 023	Open		
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				15			CCT Presets 2	X	0
						000 - 023	Open		
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		

RELATION KL BATTEN 12 - DMX TRAITS (2 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL	
6 ch B	8 ch	6 ch C	20 ch A	20 ch B	35 ch					
					24		Variable CCT		0	
						000 - 023	Open			
						024 - 255	2400K to 8500K			
					25		Variable CCT Fine		0	
						000 - 255	Fine Adjustment			
					26		Variable CCT 2		0	
						000 - 023	Open			
						024 - 255	2400K to 8500K			
					27		Variable CCT Fine 2		0	
						000 - 255	Fine Adjustment			
					28		Green Shift		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					29		Green Shift 2		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
				16	30		Color		0	
							000			Open
							001 - 179			Virtual Swatch Book (See Virtual Colors Table)
										Color Scroll
							180 - 201			Clockwise, fast to slow
							202 - 207			Stop
							228 - 229			Counter-clockwise, slow to fast
							230 - 234			Open
										Random Slots
							235 - 239			Fast
							240 - 244			Medium
							245 - 249			Slow
							250 - 255			Open
				17	31		Effect Selection	X	0	
							000 - 255			FX Selection, 1 - 255 (see table)
				18	32		Effect Speed		0	
							000 - 126			Fast to slow
							127 - 128			Stop
							129 - 255			Slow to fast

RELATION KL BATTEN 12 - DMX TRAITS (2 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL								
6 ch B	8 ch	6 ch C	20 ch A	20 ch B	35 ch												
				19	33		Effect Offset	X	0								
						000	Idle										
						001 - 035	Fixture Offset, 10° to 350°										
						036	Synchronized										
						037 - 049	Random Fixture Offset										
						050 - 059	Random Pixel Order										
						060 - 069	Random Steps										
						070 - 079	Idle										
							Effect Fade										
						080 - 089	Sinewave - Cross										
						090 - 099	Sinewave - Full										
						100 - 109	Sawtooth - Cross										
						110 - 119	Sawtooth - Full										
						120 - 129	Ramp Up										
						130 - 139	Ramp Down										
						140 - 149	Steps										
						150 - 255	Idle										
													34		Dim Modes	X	0
														000 - 020	Standard		
021 - 040	Stage																
041 - 060	TV																
061 - 080	Architectural																
081 - 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																

RELATION KL BATTEN 12 - DMX TRAITS (2 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL	
6 ch B	8 ch	6 ch C	20 ch A	20 ch B	35 ch					
					34		Dimmer Delay Time (continued)	X	0	
						135	4.0s			
						136	5.0s			
						137	6.0s			
						138	7.0s			
						139	8.0s			
						140	9.0s			
						141	10s			
						142 - 149	Idle			
							Dim to Warm			
						150 - 154	DTW On			
						155 - 159	DTW Off (default)			
						160 - 255	Idle			
				20		35				Control
							000 - 009	Idle		
							010 - 014	Fan Mode Auto (default)		
							015 - 019	Fan Mode Mute		
							020 - 024	Fan Mode Silent		
							025 - 029	Fan Mode High		
							030 - 049	Idle		
							050 - 054	Default Pixel Order		
							055 - 059	Flip Pixel Order		
							060 - 064	Default Cell Layout		
							065 - 069	Split Cell Layout		
							070 - 099	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				

ELATION KL BATTEN 12 - DMX TRAITS (2 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
6 ch B	8 ch	6 ch C	20 ch A	20 ch B	35 ch				
							Refresh Rate (Hz) (continued)		
						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		
				20	35	130	1200 (default)		
						131	1210	X	0
						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		

ELATION KL BATTEN 12 - DMX TRAITS (2 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
6 ch B	8 ch	6 ch C	20 ch A	20 ch B	35 ch				
							Refresh Rate (Hz) (continued)		
						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		
				20	35	166	15000		
						167	20000		
						168	25000		
						169 - 174	Idle		
							Color Tuning		
						175 - 176	Highest Fidelity		
						177 - 178	Balanced Output and Fidelity		
						179 - 180	Highest Output (default)		
							Output Balance		
						181 - 182	Bright (Highest Output) (default)		
						183 - 184	Uniform (Elation Full Spectrum Match)		
						185 - 200	Idle		
							Dimmer Curves		
						201 - 210	Linear		
						211 - 220	Square		
						221 - 230	Inverse Square		
						231 - 240	S-Curve (default)		
						241 - 255	Idle	X	0

RELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch				
				1	1	000 - 255	Dimmer Intensity, 0 - 100%		0
				2	2	000 - 255	Dimmer Fine Fine intensity control		0
				3	3	000 - 031	Shutter/Strobe Shutter closed		50
						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 - 225	No function (shutter open)		
						226 - 253	Random pixel, slow to fast		
						254 - 255	No function (shutter open)		
1	1		1	4	4	000 - 255	Red 0 - 100%		
			2		5	000 - 255	Red Fine Fine adjustment		
2	2		3	5	6	000 - 255	Green 0 - 100%		
			4		7	000 - 255	Green Fine Fine adjustment		
3	3		5	6	8	000 - 255	Blue 0 - 100%		
			6		9	000 - 255	Blue Fine Fine adjustment		
			7	7	10	000 - 255	Mint 0 - 100%		
			8		11	000 - 255	Mint Fine Fine adjustment		
	4		9	8	12	000 - 255	Amber 0 - 100%		
			10		13	000 - 255	Amber Fine Fine adjustment		
4	5		11	9	14	000 - 255	Red 2 0 - 100%		
			12		15	000 - 255	Red 2 Fine Fine adjustment		

ELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch				
5	6		13	10	16		Green 2		
						000 - 255	0 - 100%		
			14		17		Green 2 Fine		
						000 - 255	Fine adjustment		
6	7		15	11	18		Blue 2		
						000 - 255	0 - 100%		
			16		19		Blue 2 Fine		
						000 - 255	Fine adjustment		
			17	12	20		Mint 2		
						000 - 255	0 - 100%		
			18		21		Mint 2 Fine		
						000 - 255	Fine adjustment		
	8		19	13	22		Amber 2		
						000 - 255	0 - 100%		
			20		23		Amber 2 Fine		
						000 - 255	Fine adjustment		
7	9		21	14	24		Red 3		
						000 - 255	0 - 100%		
			22		25		Red 3 Fine		
						000 - 255	Fine adjustment		
8	10		23	15	26		Green 3		
						000 - 255	0 - 100%		
			24		27		Green 3 Fine		
						000 - 255	Fine adjustment		
9	11		25	16	28		Blue 3		
						000 - 255	0 - 100%		
			26		29		Blue 3 Fine		
						000 - 255	Fine adjustment		
			27	17	30		Mint 3		
						000 - 255	0 - 100%		
			28		31		Mint 3 Fine		
						000 - 255	Fine adjustment		
	12		29	18	32		Amber 3		
						000 - 255	0 - 100%		
			30		33		Amber 3 Fine		
						000 - 255	Fine adjustment		
10	13		31	19	34		Red 4		
						000 - 255	0 - 100%		
			32		35		Red 4 Fine		
						000 - 255	Fine adjustment		

RELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch				
11	14		33	20	36		Green 4		
						000 - 255	0 - 100%		
			34		37		Green 4 Fine		
						000 - 255	Fine adjustment		
12	15		35	21	38		Blue 4		
						000 - 255	0 - 100%		
			36		39		Blue 4 Fine		
						000 - 255	Fine adjustment		
			37	22	40		Mint 4		
						000 - 255	0 - 100%		
			38		41		Mint 4 Fine		
						000 - 255	Fine adjustment		
	16		39	23	42		Amber 4		
						000 - 255	0 - 100%		
			40		43		Amber 4 Fine		
						000 - 255	Fine adjustment		
		1					Hue		0
						000 - 255	0 to 360°		
		2					Saturation		0
						000 - 255	0 to 100%		
		3					Dimmer 1		0
						000 - 255	Intensity 0 to 100%		
		4					Hue 2		0
						000 - 255	0 to 360°		
		5					Saturation 2		0
						000 - 255	0 to 100%		
		6					Dimmer 2		0
						000 - 255	Intensity 0 to 100%		
		7					Hue 3		0
						000 - 255	0 to 360°		
		8					Saturation 3		0
						000 - 255	0 to 100%		
		9					Dimmer 3		0
						000 - 255	Intensity 0 to 100%		
		10					Hue 4		0
						000 - 255	0 to 360°		
		11					Saturation 4		0
						000 - 255	0 to 100%		
		12					Dimmer 4		0
						000 - 255	Intensity 0 to 100%		

ELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch				
				24		CCT Presets		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				25		CCT Presets 2		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				26		CCT Presets 3		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				27		CCT Presets 4		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				44		Variable CCT			0
					000 - 023	Open			
					024 - 255	2400K to 8500K			
				45		Variable CCT Fine			0
					000 - 255	Fine Adjustment			
				46		Variable CCT 2			0
					000 - 023	Open			
					024 - 255	2400K to 8500K			
				47		Variable CCT Fine 2			0
					000 - 255	Fine Adjustment			
				48		Variable CCT 3			0
					000 - 023	Open			
					024 - 255	2400K to 8500K			
				49		Variable CCT Fine 3			0
					000 - 255	Fine Adjustment			
				50		Variable CCT 4			0
					000 - 023	Open			
					024 - 255	2400K to 8500K			
				51		Variable CCT Fine 4			0
					000 - 255	Fine Adjustment			

RELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL	
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch					
					52		Green Shift		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					53		Green Shift 2		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					54		Green Shift 3		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					55		Green Shift 4		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
				28	56		Color		0	
							000			Open
							001 - 179			Virtual Swatch Book (See Virtual Colors Table)
										Color Scroll
							180 - 201			Clockwise, fast to slow
							202 - 207			Stop
							228 - 229			Counter-clockwise, slow to fast
							230 - 234			Open
										Random Slots
							235 - 239			Fast
							240 - 244			Medium
							245 - 249			Slow
							250 - 255			Open
				29	57		Effect Selection	X	0	
							000 - 255			FX Selection, 1 - 255 (see table)
				30	58		Effect Speed		0	
							000 - 126			Fast to slow
							127 - 128			Stop
							129 - 255			Slow to fast

RELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL	
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch					
				31	59		Effect Offset	X	0	
							000			Idle
							001 - 035			Fixture Offset, 10° to 350°
							036			Synchronized
							037 - 049			Random Fixture Offset
							050 - 059			Random Pixel Order
							060 - 069			Random Steps
							070 - 079			Idle
										Effect Fade
							080 - 089			Sinewave - Cross
							090 - 099			Sinewave - Full
							100 - 109			Sawtooth - Cross
							110 - 119			Sawtooth - Full
							120 - 129			Ramp Up
							130 - 139			Ramp Down
							140 - 149			Steps
							150 - 255			Idle
						60				
					000 - 020			Standard		
					021 - 040			Stage		
					041 - 060			TV		
					061 - 080			Architectural		
					081 - 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				

RELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL	
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch					
					60		Dimmer Delay Time (continued)	X	0	
						135	4.0s			
						136	5.0s			
						137	6.0s			
						138	7.0s			
						139	8.0s			
						140	9.0s			
						141	10s			
						142 - 149	Idle			
							Dim to Warm			
						150 - 154	DTW On			
						155 - 159	DTW Off (default)			
						160 - 255	Idle			
				32		61				Control
							000 - 009	Idle		
							010 - 014	Fan Mode Auto (default)		
							015 - 019	Fan Mode Mute		
							020 - 024	Fan Mode Silent		
							025 - 029	Fan Mode High		
							030 - 049	Idle		
							050 - 054	Default Pixel Order		
							055 - 059	Flip Pixel Order		
							060 - 064	Default Cell Layout		
							065 - 069	Split Cell Layout		
							070 - 099	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				

ELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch				
							Refresh Rate (Hz) (continued)		
						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 (default)		
				32	61	131	1210	X	0
						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		

ELATION KL BATTEN 12 - DMX TRAITS (4 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
12 ch A	16 ch B	12 ch B	40 ch	32 ch	61 ch				
							Refresh Rate (Hz) (continued)		
						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		
				32	61	166	15000		
						167	20000	X	0
						168	25000		
						169 - 174	Idle		
							Color Tuning		
						175 - 176	Highest Fidelity		
						177 - 178	Balanced Output and Fidelity		
						179 - 180	Highest Output (default)		
							Output Balance		
						181 - 182	Bright (Highest Output) (default)		
						183 - 184	Uniform (Elation Full Spectrum Match)		
						185 - 200	Idle		
							Dimmer Curves		
						201 - 210	Linear		
						211 - 220	Square		
						221 - 230	Inverse Square		
						231 - 240	S-Curve (default)		
						241 - 255	Idle		