

ELATION KL BATTEN 48 - 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 (32Ch-A)
- 61Ch Extended 4-cell

8 Cell:

- 24Ch RGB 8-cell (24Ch-A)
- 32Ch RGBA 8-cell (32Ch-B)
- 24Ch HSI 8-cell (24Ch-B)
- 80Ch RGBMA 8-cell
- 56Ch Standard 8-cell
- 113Ch Extended 8-cell

16 Cell:

- 48Ch RGB 16-cell (48Ch-A)
- 64Ch RGBA 16-cell
- 48Ch HSI 16-cell (48Ch-B)
- 160Ch RGBMA 16-cell
- 104Ch Standard 16-cell
- 217Ch Extended 16-cell

RELATION KL BATTEN 48 - 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 48 - 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		000 - 255	Amber 0 - 100%		
						10		13		000 - 255	Amber Fine Fine adjustment		
				1	1					000 - 255	Hue 0 to 360°		0
					2					000 - 255	Hue Fine 0 to 360°		0
				2	3					000 - 255	Saturation 0 to 100%		0
				3	4					000 - 255	Dimmer 1 Intensity 0 to 100%		0
									4	000 - 255	x Coordinate 0 to 100%		0
									5	000 - 255	x Coordinate Fine Fine adjustment		0
									6	000 - 255	y Coordinate 0 to 100%		0
									7	000 - 255	y Coordinate Fine Fine adjustment		0
			3		5		9			000 - 023	CCT Presets Open	X	0
										024 - 085	2400K to 8500K (see Color Temperature Table)		
										086 - 255	8500K		
								14	8	000 - 023	Variable CCT Open		0
										024 - 255	2400K to 8500K		
								15	9	000 - 255	Variable CCT Fine Fine adjustment		0
			4		6			16	10	000	Green Shift Idle		0
										001 - 127	Full Minus Green to Neutral		
										128	Neutral White		
										129 - 255	Neutral to Full Plus Green		

RELATION KL BATTEN 48 - 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				
								21	15		Dim Modes	X	0
										000 - 020	Standard		
										021 - 040	Stage		
										041 - 060	TV		
										061 - 080	Architectural		
										081 - 100	Theatre		
										101 - 120	Stage 2		
								21	15		Dimmer Delay Time	X	0
										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 - 149	Idle		
											Dim to Warm		
										150 - 154	DTW On		
										155 - 159	DTW Off (default)		
										160 - 255	Idle		

RELATION KL BATTEN 48 - 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					
											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		
							14	22	16		106	960	X	0
											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		

RELATION KL BATTEN 48 - 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		
											162	4000		

ELATION KL BATTEN 48 - 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)		
										163	5000		
										164	6000		
										165	10000		
										166	15000		
										167	20000		
										168	25000		
										169 - 174	Idle		
											Color Tuning		
										175 - 176	Highest Fidelity		
										177 - 178	Balanced Output and Fidelity		
							14	22	16	179 - 180	Highest Output (default)	X	0
											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 48 - 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		
4	5		11	9	14		Red 2		
						000 - 255	0 - 100%		
			12		15		Red 2 Fine		
						000 - 255	Fine adjustment		

ELATION KL BATTEN 48 - 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				
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	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%		
				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 48 - 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 48 - 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 48 - 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 48 - 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		
						130	1200 (default)		
				20	35	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 48 - 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	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		

RELATION KL BATTEN 48 - 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 A	61 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		
4	5		11	9	14		Red 2		
						000 - 255	0 - 100%		
			12		15		Red 2 Fine		
						000 - 255	Fine adjustment		

RELATION KL BATTEN 48 - 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 A	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		

ELATION KL BATTEN 48 - 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 A	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°		
							Hue Fine		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%		

RELATION KL BATTEN 48 - 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 A	61 ch				
		10				000 - 255	Hue 4 0 to 360°		0
		11				000 - 255	Saturation 4 0 to 100%		0
		12				000 - 255	Dimmer 4 Intensity 0 to 100%		0
				24		000 - 023	CCT Presets Open	X	0
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				25		000 - 023	CCT Presets 2 Open	X	0
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				26		000 - 023	CCT Presets 3 Open	X	0
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				27		000 - 023	CCT Presets 4 Open	X	0
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				44		000 - 023	Variable CCT Open		0
						024 - 255	2400K to 8500K		
				45		000 - 255	Variable CCT Fine Fine adjustment		0
				46		000 - 023	Variable CCT 2 Open		0
						024 - 255	2400K to 8500K		
				47		000 - 255	Variable CCT Fine 2 Fine adjustment		0
				48		000 - 023	Variable CCT 3 Open		0
						024 - 255	2400K to 8500K		
				49		000 - 255	Variable CCT Fine 3 Fine adjustment		0

RELATION KL BATTEN 48 - 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 A	61 ch					
					50		Variable CCT 4		0	
						000 - 023	Open			
						024 - 255	2400K to 8500K			
					51		Variable CCT Fine 4		0	
						000 - 255	Fine adjustment			
					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

RELATION KL BATTEN 48 - 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 A	61 ch				
				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		
				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		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		

RELATION KL BATTEN 48 - 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 A	61 ch					
					60		Dimmer Delay Time (continued)	X	0	
						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 - 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		

ELATION KL BATTEN 48 - 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 A	61 ch				
							Refresh Rate (Hz) (continued)		
						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		
				32	61	125	1150	X	0
						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		
						143	1330		
						144	1340		

ELATION KL BATTEN 48 - 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 A	61 ch				
							Refresh Rate (Hz) (continued)		
						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		
				32	61	163	5000		
						164	6000		
						165	10000		
						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 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 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 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 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		

ELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
10	13		31	19	34		Red 4		
						000 - 255	0 - 100%		
			32		35		Red 4 Fine		
						000 - 255	Fine adjustment		
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		
13	17		41	24	44		Red 5		
						000 - 255	0 - 100%		
			42		45		Red 5 Fine		
						000 - 255	Fine adjustment		
14	18		43	25	46		Green 5		
						000 - 255	0 - 100%		
			44		47		Green 5 Fine		
						000 - 255	Fine adjustment		
15	19		45	26	48		Blue 5		
						000 - 255	0 - 100%		
			46		49		Blue 5 Fine		
						000 - 255	Fine adjustment		
			47	27	50		Mint 5		
						000 - 255	0 - 100%		
			48		51		Mint 5 Fine		
						000 - 255	Fine adjustment		
	20		49	28	52		Amber 5		
						000 - 255	0 - 100%		
			50		53		Amber 5 Fine		
						000 - 255	Fine adjustment		

ELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
16	21		51	29	54		Red 6		
						000 - 255	0 - 100%		
			52		55		Red 6 Fine		
						000 - 255	Fine adjustment		
17	22		53	30	56		Green 6		
						000 - 255	0 - 100%		
			54		57		Green 6 Fine		
						000 - 255	Fine adjustment		
18	23		55	31	58		Blue 6		
						000 - 255	0 - 100%		
			56		59		Blue 6 Fine		
						000 - 255	Fine adjustment		
			57	32	60		Mint 6		
						000 - 255	0 - 100%		
			58		61		Mint 6 Fine		
						000 - 255	Fine adjustment		
	24		59	33	62		Amber 6		
						000 - 255	0 - 100%		
			60		63		Amber 6 Fine		
						000 - 255	Fine adjustment		
19	25		61	34	64		Red 7		
						000 - 255	0 - 100%		
			62		65		Red 7 Fine		
						000 - 255	Fine adjustment		
20	26		63	35	66		Green 7		
						000 - 255	0 - 100%		
			64		67		Green 7 Fine		
						000 - 255	Fine adjustment		
21	27		65	36	68		Blue 7		
						000 - 255	0 - 100%		
			66		69		Blue 7 Fine		
						000 - 255	Fine adjustment		
			67	37	70		Mint 7		
						000 - 255	0 - 100%		
			68		71		Mint 7 Fine		
						000 - 255	Fine adjustment		
	28		69	38	72		Amber 7		
						000 - 255	0 - 100%		
			70		73		Amber 7 Fine		
						000 - 255	Fine adjustment		

RELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
22	29		71	39	74	000 - 255	Red 8 0 - 100%		
			72		75	000 - 255	Red 8 Fine Fine adjustment		
23	30		73	40	76	000 - 255	Green 8 0 - 100%		
			74		77	000 - 255	Green 8 Fine Fine adjustment		
24	31		75	41	78	000 - 255	Blue 8 0 - 100%		
			76		79	000 - 255	Blue 8 Fine Fine adjustment		
			77	42	80	000 - 255	Mint 8 0 - 100%		
			78		81	000 - 255	Mint 8 Fine Fine adjustment		
	32		79	43	82	000 - 255	Amber 8 0 - 100%		
			80		83	000 - 255	Amber 8 Fine Fine adjustment		
		1				000 - 255	Hue 0 to 360°		0
		2				000 - 255	Saturation 0 to 100%		0
		3				000 - 255	Dimmer 1 Intensity 0 to 100%		0
		4				000 - 255	Hue 2 0 to 360°		0
		5				000 - 255	Saturation 2 0 to 100%		0
		6				000 - 255	Dimmer 2 Intensity 0 to 100%		0
		7				000 - 255	Hue 3 0 to 360°		0
		8				000 - 255	Saturation 3 0 to 100%		0
		9				000 - 255	Dimmer 3 Intensity 0 to 100%		0

RELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
		10				000 - 255	Hue 4 0 to 360°		0
		11				000 - 255	Saturation 4 0 to 100%		0
		12				000 - 255	Dimmer 4 Intensity 0 to 100%		0
		13				000 - 255	Hue 5 0 to 360°		0
		14				000 - 255	Saturation 5 0 to 100%		0
		15				000 - 255	Dimmer 5 Intensity 0 to 100%		0
		16				000 - 255	Hue 6 0 to 360°		0
		17				000 - 255	Saturation 6 0 to 100%		0
		18				000 - 255	Dimmer 6 Intensity 0 to 100%		0
		19				000 - 255	Hue 7 0 to 360°		0
		20				000 - 255	Saturation 7 0 to 100%		0
		21				000 - 255	Dimmer 7 Intensity 0 to 100%		0
		22				000 - 255	Hue 8 0 to 360°		0
		23				000 - 255	Saturation 8 0 to 100%		0
		24				000 - 255	Dimmer 8 Intensity 0 to 100%		0
				44			CCT Presets		
				44		000 - 023	Open	X	0
				44		024 - 085	2400K to 8500K (see Color Temperature Table)		
				44		086 - 255	8500K		
				45			CCT Presets 2		
				45		000 - 023	Open	X	0
				45		024 - 085	2400K to 8500K (see Color Temperature Table)		
				45		086 - 255	8500K		

ELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
				46		CCT Presets 3		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				47		CCT Presets 4		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				48		CCT Presets 5		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				49		CCT Presets 6		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				50		CCT Presets 7		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				51		CCT Presets 8		X	0
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				84		Variable CCT			0
					000 - 023	Open			
					024 - 255	2400K to 8500K			
				85		Variable CCT Fine			0
					000 - 255	Fine adjustment			
				86		Variable CCT 2			0
					000 - 023	Open			
					024 - 255	2400K to 8500K			
				87		Variable CCT Fine 2			0
					000 - 255	Fine adjustment			
				88		Variable CCT 3			0
					000 - 023	Open			
					024 - 255	2400K to 8500K			
				89		Variable CCT Fine 3			0
					000 - 255	Fine adjustment			

RELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
					90		Variable CCT 4		0
						000 - 023	Open		
						024 - 255	2400K to 8500K		
					91		Variable CCT Fine 4		0
						000 - 255	Fine adjustment		
					92		Variable CCT 5		0
						000 - 023	Open		
						024 - 255	2400K to 8500K		
					93		Variable CCT Fine 5		0
						000 - 255	Fine adjustment		
					94		Variable CCT 6		0
						000 - 023	Open		
						024 - 255	2400K to 8500K		
					95		Variable CCT Fine 6		0
						000 - 255	Fine adjustment		
					96		Variable CCT 7		0
						000 - 023	Open		
						024 - 255	2400K to 8500K		
					97		Variable CCT Fine 7		0
						000 - 255	Fine adjustment		
					98		Variable CCT 8		0
						000 - 023	Open		
						024 - 255	2400K to 8500K		
					99		Variable CCT Fine 8		0
						000 - 255	Fine adjustment		
					100		Green Shift		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					101		Green Shift 2		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					102		Green Shift 3		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		

RELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL	
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch					
					103		Green Shift 4		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					104		Green Shift 5		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					105		Green Shift 6		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					106		Green Shift 7		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					107		Green Shift 8		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
				52	108		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		
				53	109		Effect Selection		0	
							000 - 255	FX Selection, 1 - 255 (see table)		X

RELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
				54	110		Effect Speed		
						000 - 126	Fast to slow		
						127 - 128	Stop		
						129 - 255	Slow to fast		0
				55	111		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		
							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		
					112		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		
						129	0.8s		
						130	0.9s	X	0

RELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL			
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch							
					112		Dimmer Delay Time (continued)	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					
				56		113				Control	X	0
										000 - 009		
							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						

ELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
							Refresh Rate (Hz) (continued)		
						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		
				56	113	126	1160	X	0
						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		
						143	1330		
						144	1340		
						145	1350		

ELATION KL BATTEN 48 - DMX TRAITS (8 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
24 ch A	32 ch B	24 ch B	80 ch	56 ch	113 ch				
						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		
				56	113	164	6000	X	0
						165	10000		
						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		

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
				1	1	000 - 255	Dimmer Intensity, 0 - 100%		0
				2	2	000 - 255	Dimmer Fine Fine intensity control		0
				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	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 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 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		

ELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
11	14		33	20	36	000 - 255	Green 4 0 - 100%		
			34		37	000 - 255	Green 4 Fine Fine adjustment		
12	15		35	21	38	000 - 255	Blue 4 0 - 100%		
			36		39	000 - 255	Blue 4 Fine Fine adjustment		
			37	22	40	000 - 255	Mint 4 0 - 100%		
			38		41	000 - 255	Mint 4 Fine Fine adjustment		
	16		39	23	42	000 - 255	Amber 4 0 - 100%		
			40		43	000 - 255	Amber 4 Fine Fine adjustment		
13	17		41	24	44	000 - 255	Red 5 0 - 100%		
			42		45	000 - 255	Red 5 Fine Fine adjustment		
14	18		43	25	46	000 - 255	Green 5 0 - 100%		
			44		47	000 - 255	Green 5 Fine Fine adjustment		
15	19		45	26	48	000 - 255	Blue 5 0 - 100%		
			46		49	000 - 255	Blue 5 Fine Fine adjustment		
			47	27	50	000 - 255	Mint 5 0 - 100%		
			48		51	000 - 255	Mint 5 Fine Fine adjustment		
	20		49	28	52	000 - 255	Amber 5 0 - 100%		
			50		53	000 - 255	Amber 5 Fine Fine adjustment		
16	21		51	29	54	000 - 255	Red 6 0 - 100%		
			52		55	000 - 255	Red 6 Fine Fine adjustment		

ELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
17	22		53	30	56		Green 6		
						000 - 255	0 - 100%		
			54		57		Green 6 Fine		
						000 - 255	Fine adjustment		
18	23		55	31	58		Blue 6		
						000 - 255	0 - 100%		
			56		59		Blue 6 Fine		
						000 - 255	Fine adjustment		
			57	32	60		Mint 6		
						000 - 255	0 - 100%		
			58		61		Mint 6 Fine		
						000 - 255	Fine adjustment		
	24		59	33	62		Amber 6		
						000 - 255	0 - 100%		
			60		63		Amber 6 Fine		
						000 - 255	Fine adjustment		
19	25		61	34	64		Red 7		
						000 - 255	0 - 100%		
			62		65		Red 7 Fine		
						000 - 255	Fine adjustment		
20	26		63	35	66		Green 7		
						000 - 255	0 - 100%		
			64		67		Green 7 Fine		
						000 - 255	Fine adjustment		
21	27		65	36	68		Blue 7		
						000 - 255	0 - 100%		
			66		69		Blue 7 Fine		
						000 - 255	Fine adjustment		
			67	37	70		Mint 7		
						000 - 255	0 - 100%		
			68		71		Mint 7 Fine		
						000 - 255	Fine adjustment		
	28		69	38	72		Amber 7		
						000 - 255	0 - 100%		
			70		73		Amber 7 Fine		
						000 - 255	Fine adjustment		
22	29		71	39	74		Red 8		
						000 - 255	0 - 100%		
			72		75		Red 8 Fine		
						000 - 255	Fine adjustment		

ELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
23	30		73	40	76		Green 8		
						000 - 255	0 - 100%		
			74		77		Green 8 Fine		
						000 - 255	Fine adjustment		
24	31		75	41	78		Blue 8		
						000 - 255	0 - 100%		
			76		79		Blue 8 Fine		
						000 - 255	Fine adjustment		
			77	42	80		Mint 8		
						000 - 255	0 - 100%		
			78		81		Mint 8 Fine		
						000 - 255	Fine adjustment		
	32		79	43	82		Amber 8		
						000 - 255	0 - 100%		
			80		83		Amber 8 Fine		
						000 - 255	Fine adjustment		
25	33		81	44	84		Red 9		
						000 - 255	0 - 100%		
			82		85		Red 9 Fine		
						000 - 255	Fine adjustment		
26	34		83	45	86		Green 9		
						000 - 255	0 - 100%		
			84		87		Green 9 Fine		
						000 - 255	Fine adjustment		
27	35		85	46	88		Blue 9		
						000 - 255	0 - 100%		
			86		89		Blue 9 Fine		
						000 - 255	Fine adjustment		
			87	47	90		Mint 9		
						000 - 255	0 - 100%		
			88		91		Mint 9 Fine		
						000 - 255	Fine adjustment		
	36		89	48	92		Amber 9		
						000 - 255	0 - 100%		
			90		93		Amber 9 Fine		
						000 - 255	Fine adjustment		
28	37		91	49	94		Red 10		
						000 - 255	0 - 100%		
			92		95		Red 10 Fine		
						000 - 255	Fine adjustment		

ELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
29	38		93	50	96	000 - 255	Green 10 0 - 100%		
			94		97	000 - 255	Green 10 Fine Fine adjustment		
30	39		95	51	98	000 - 255	Blue 10 0 - 100%		
			96		99	000 - 255	Blue 10 Fine Fine adjustment		
			97	52	100	000 - 255	Mint 10 0 - 100%		
			98		101	000 - 255	Mint 10 Fine Fine adjustment		
	40		99	53	102	000 - 255	Amber 10 0 - 100%		
			100		103	000 - 255	Amber 10 Fine Fine adjustment		
31	41		101	54	104	000 - 255	Red 11 0 - 100%		
			102		105	000 - 255	Red 11 Fine Fine adjustment		
32	42		103	55	106	000 - 255	Green 11 0 - 100%		
			104		107	000 - 255	Green 11 Fine Fine adjustment		
33	43		105	56	108	000 - 255	Blue 11 0 - 100%		
			106		109	000 - 255	Blue 11 Fine Fine adjustment		
			107	57	110	000 - 255	Mint 11 0 - 100%		
			108		111	000 - 255	Mint 11 Fine Fine adjustment		
	44		109	58	112	000 - 255	Amber 11 0 - 100%		
			110		113	000 - 255	Amber 11 Fine Fine adjustment		
34	45		111	59	114	000 - 255	Red 12 0 - 100%		
			112		115	000 - 255	Red 12 Fine Fine adjustment		

ELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
35	46		113	60	116		Green 12		
						000 - 255	0 - 100%		
			114		117		Green 12 Fine		
						000 - 255	Fine adjustment		
36	47		115	61	118		Blue 12		
						000 - 255	0 - 100%		
			116		119		Blue 12 Fine		
						000 - 255	Fine adjustment		
			117	62	120		Mint 12		
						000 - 255	0 - 100%		
			118		121		Mint 12 Fine		
						000 - 255	Fine adjustment		
	48		119	63	122		Amber 12		
						000 - 255	0 - 100%		
			120		123		Amber 12 Fine		
						000 - 255	Fine adjustment		
37	49		121	64	124		Red 13		
						000 - 255	0 - 100%		
			122		125		Red 13 Fine		
						000 - 255	Fine adjustment		
38	50		123	65	126		Green 13		
						000 - 255	0 - 100%		
			124		127		Green 13 Fine		
						000 - 255	Fine adjustment		
39	51		125	66	128		Blue 13		
						000 - 255	0 - 100%		
			126		129		Blue 13 Fine		
						000 - 255	Fine adjustment		
			127	67	130		Mint 13		
						000 - 255	0 - 100%		
			128		131		Mint 13 Fine		
						000 - 255	Fine adjustment		
	52		129	68	132		Amber 13		
						000 - 255	0 - 100%		
			130		133		Amber 13 Fine		
						000 - 255	Fine adjustment		
40	53		131	69	134		Red 14		
						000 - 255	0 - 100%		
			132		135		Red 14 Fine		
						000 - 255	Fine adjustment		

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
41	54		133	70	136		Green 14		
						000 - 255	0 - 100%		
			134		137		Green 14 Fine		
						000 - 255	Fine adjustment		
42	55		135	71	138		Blue 14		
						000 - 255	0 - 100%		
			136		139		Blue 14 Fine		
						000 - 255	Fine adjustment		
			137	72	140		Mint 14		
						000 - 255	0 - 100%		
			138		141		Mint 14 Fine		
						000 - 255	Fine adjustment		
	56		139	73	142		Amber 14		
						000 - 255	0 - 100%		
			140		143		Amber 14 Fine		
						000 - 255	Fine adjustment		
43	57		141	74	144		Red 15		
						000 - 255	0 - 100%		
			142		145		Red 15 Fine		
						000 - 255	Fine adjustment		
44	58		143	75	146		Green 15		
						000 - 255	0 - 100%		
			144		147		Green 15 Fine		
						000 - 255	Fine adjustment		
45	59		145	76	148		Blue 15		
						000 - 255	0 - 100%		
			146		149		Blue 15 Fine		
						000 - 255	Fine adjustment		
			147	77	150		Mint 15		
						000 - 255	0 - 100%		
			148		151		Mint 15 Fine		
						000 - 255	Fine adjustment		
	60		149	78	152		Amber 15		
						000 - 255	0 - 100%		
			150		153		Amber 15 Fine		
						000 - 255	Fine adjustment		
46	61		151	79	154		Red 16		
						000 - 255	0 - 100%		
			152		155		Red 16 Fine		
						000 - 255	Fine adjustment		

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
47	62		153	80	156	000 - 255	Green 16 0 - 100%		
			154		157	000 - 255	Green 16 Fine Fine adjustment		
48	63		155	81	158	000 - 255	Blue 16 0 - 100%		
			156		159	000 - 255	Blue 16 Fine Fine adjustment		
			157	82	160	000 - 255	Mint 16 0 - 100%		
			158		161	000 - 255	Mint 16 Fine Fine adjustment		
	64		159	83	162	000 - 255	Amber 16 0 - 100%		
			160		163	000 - 255	Amber 16 Fine Fine adjustment		
		1				000 - 255	Hue 0 to 360°		0
		2				000 - 255	Saturation 0 to 100%		0
		3				000 - 255	Dimmer 1 Intensity 0 to 100%		0
		4				000 - 255	Hue 2 0 to 360°		0
		5				000 - 255	Saturation 2 0 to 100%		0
		6				000 - 255	Dimmer 2 Intensity 0 to 100%		0
		7				000 - 255	Hue 3 0 to 360°		0
		8				000 - 255	Saturation 3 0 to 100%		0
		9				000 - 255	Dimmer 3 Intensity 0 to 100%		0
		10				000 - 255	Hue 4 0 to 360°		0
		11				000 - 255	Saturation 4 0 to 100%		0
		12				000 - 255	Dimmer 4 Intensity 0 to 100%		0

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
		13				000 - 255	Hue 5 0 to 360°		0
		14				000 - 255	Saturation 5 0 to 100%		0
		15				000 - 255	Dimmer 5 Intensity 0 to 100%		0
		16				000 - 255	Hue 6 0 to 360°		0
		17				000 - 255	Saturation 6 0 to 100%		0
		18				000 - 255	Dimmer 6 Intensity 0 to 100%		0
		19				000 - 255	Hue 7 0 to 360°		0
		20				000 - 255	Saturation 7 0 to 100%		0
		21				000 - 255	Dimmer 7 Intensity 0 to 100%		0
		22				000 - 255	Hue 8 0 to 360°		0
		23				000 - 255	Saturation 8 0 to 100%		0
		24				000 - 255	Dimmer 8 Intensity 0 to 100%		0
		25				000 - 255	Hue 9 0 to 360°		0
		26				000 - 255	Saturation 9 0 to 100%		0
		27				000 - 255	Dimmer 9 Intensity 0 to 100%		0
		28				000 - 255	Hue 10 0 to 360°		0
		29				000 - 255	Saturation 10 0 to 100%		0
		30				000 - 255	Dimmer 10 Intensity 0 to 100%		0

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
		31				000 - 255	Hue 11 0 to 360°		0
		32				000 - 255	Saturation 11 0 to 100%		0
		33				000 - 255	Dimmer 11 Intensity 0 to 100%		0
		34				000 - 255	Hue 12 0 to 360°		0
		35				000 - 255	Saturation 12 0 to 100%		0
		36				000 - 255	Dimmer 12 Intensity 0 to 100%		0
		37				000 - 255	Hue 13 0 to 360°		0
		38				000 - 255	Saturation 13 0 to 100%		0
		39				000 - 255	Dimmer 13 Intensity 0 to 100%		0
		40				000 - 255	Hue 14 0 to 360°		0
		41				000 - 255	Saturation 14 0 to 100%		0
		42				000 - 255	Dimmer 14 Intensity 0 to 100%		0
		43				000 - 255	Hue 15 0 to 360°		0
		44				000 - 255	Saturation 15 0 to 100%		0
		45				000 - 255	Dimmer 15 Intensity 0 to 100%		0
		46				000 - 255	Hue 16 0 to 360°		0
		47				000 - 255	Saturation 16 0 to 100%		0
		48				000 - 255	Dimmer 16 Intensity 0 to 100%		0
				84		000 - 023	CCT Presets Open	X	0
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
				85		CCT Presets 2	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				86		CCT Presets 3	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				87		CCT Presets 4	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				88		CCT Presets 5	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				89		CCT Presets 6	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				90		CCT Presets 7	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				91		CCT Presets 8	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				92		CCT Presets 9	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				93		CCT Presets 10	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			
				94		CCT Presets 11	X	0	
					000 - 023	Open			
					024 - 085	2400K to 8500K (see Color Temperature Table)			
					086 - 255	8500K			

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
				95		CCT Presets 12		X	0
						000 - 023	Open		
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				96		CCT Presets 13		X	0
						000 - 023	Open		
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				97		CCT Presets 14		X	0
						000 - 023	Open		
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				98		CCT Presets 15		X	0
						000 - 023	Open		
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				99		CCT Presets 16		X	0
						000 - 023	Open		
						024 - 085	2400K to 8500K (see Color Temperature Table)		
						086 - 255	8500K		
				164		Variable CCT			0
						000 - 023	Open		
						024 - 255	2400K - 8500K		
				165		Variable CCT Fine			0
						000 - 255	Fine adjustment		
				166		Variable CCT 2			0
						000 - 023	Open		
						024 - 255	2400K - 8500K		
				167		Variable CCT Fine 2			0
						000 - 255	Fine adjustment		
				168		Variable CCT 3			0
						000 - 023	Open		
						024 - 255	2400K - 8500K		
				169		Variable CCT Fine 3			0
						000 - 255	Fine adjustment		
				170		Variable CCT 4			0
						000 - 023	Open		
						024 - 255	2400K - 8500K		
				171		Variable CCT Fine 4			0
						000 - 255	Fine adjustment		

ELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
					172		Variable CCT 5		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					173		Variable CCT Fine 5		
						000 - 255	Fine adjustment		0
					174		Variable CCT 6		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					175		Variable CCT Fine 6		
						000 - 255	Fine adjustment		0
					176		Variable CCT 7		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					177		Variable CCT Fine 7		
						000 - 255	Fine adjustment		0
					178		Variable CCT 8		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					179		Variable CCT Fine 8		
						000 - 255	Fine adjustment		0
					180		Variable CCT 9		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					181		Variable CCT Fine 9		
						000 - 255	Fine adjustment		0
					182		Variable CCT 10		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					183		Variable CCT Fine 10		
						000 - 255	Fine adjustment		0
					184		Variable CCT 11		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					185		Variable CCT Fine 11		
						000 - 255	Fine adjustment		0
					186		Variable CCT 12		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					187		Variable CCT Fine 12		
						000 - 255	Fine adjustment		0

ELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
					188		Variable CCT 13		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					189		Variable CCT Fine 13		
						000 - 255	Fine adjustment		0
					190		Variable CCT 14		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					191		Variable CCT Fine 14		
						000 - 255	Fine adjustment		0
					192		Variable CCT 15		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					193		Variable CCT Fine 15		
						000 - 255	Fine adjustment		0
					194		Variable CCT 16		
						000 - 023	Open		0
						024 - 255	2400K - 8500K		
					195		Variable CCT Fine 16		
						000 - 255	Fine adjustment		0
					196		Green Shift		
						000	Idle		
						001 - 127	Full Minus Green to Neutral		0
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					197		Green Shift 2		
						000	Idle		
						001 - 127	Full Minus Green to Neutral		0
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					198		Green Shift 3		
						000	Idle		
						001 - 127	Full Minus Green to Neutral		0
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					199		Green Shift 4		
						000	Idle		
						001 - 127	Full Minus Green to Neutral		0
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
					200		Green Shift 5		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					201		Green Shift 6		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					202		Green Shift 7		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					203		Green Shift 8		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					204		Green Shift 9		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					205		Green Shift 10		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					206		Green Shift 11		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
					207		Green Shift 12		0
						000	Idle		
						001 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL	
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch					
					208		Green Shift 13		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					209		Green Shift 14		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					210		Green Shift 15		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
					211		Green Shift 16		0	
						000	Idle			
						001 - 127	Full Minus Green to Neutral			
						128	Neutral White			
						129 - 255	Neutral to Full Plus Green			
				100	212		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
				101	213		Effect Selection	X	0	
							000 - 255			FX Selection, 1 - 255 (see table)
				102	214		Effect Speed		0	
							000 - 126			Fast to slow
							127 - 128			Stop
							129 - 255			Slow to fast

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
				103	215		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		
							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		
							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		
					216	123	0.2s	X	0
						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		

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
					216		Dimmer Delay Time (continued)	X	0
						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		
				104	217		Control	X	0
						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				

RELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
							Refresh Rate (Hz) (continued)		
						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		
				104	217	128	1180	X	0
						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		
						143	1330		
						144	1340		
						145	1350		
						146	1360		
						147	1370		

ELATION KL BATTEN 48 - DMX TRAITS (16 CELL)

MODE/CHANNEL						DMX VALUES	FUNCTION	SNAP	DEF VAL
48 ch A	64 ch	48 ch B	160 ch	104 ch	217 ch				
							Refresh Rate (Hz) (continued)		
						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		
				104	217	165	10000	X	0
						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		