

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 | | 0 |
| | | | | | | | | | | 000 - 023 | Open | | |
| | | | | | | | | | | 024 - 255 | 2400K to 8500K | | |
| | | | | | | | | 15 | 9 | | Variable CCT Fine | | 0 |
| | | | | | | | | | | 000 - 255 | Fine adjustment | | |
| | | | 4 | | 6 | | | 16 | 10 | | Green Shift | | 0 |
| | | | | | | | | | | 000 | Idle | | |
| | | | | | | | | | | 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 | | | | | |
| | | | | | | | | | | | Control | | | |
| | | | | | | | | | | | 000 - 009 | Idle | | |
| | | | | | | | | | | | 010 - 014 | Fan Mode Auto (default) | | |
| | | | | | | | | | | | 015 - 019 | Fan Mode Mute | | |
| | | | | | | | | | | | 020 - 024 | Fan Mode Silent | | |
| | | | | | | | | | | | 020 - 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 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 | | | |

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 | | | | |
| 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 | | |
| | | | | | 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 | | |
| | | | | | | | 020 - 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 | | 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 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 | | |
| | | | | | | | 020 - 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 | | |