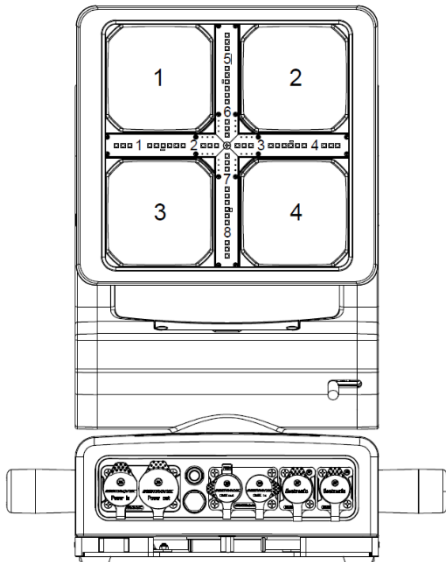


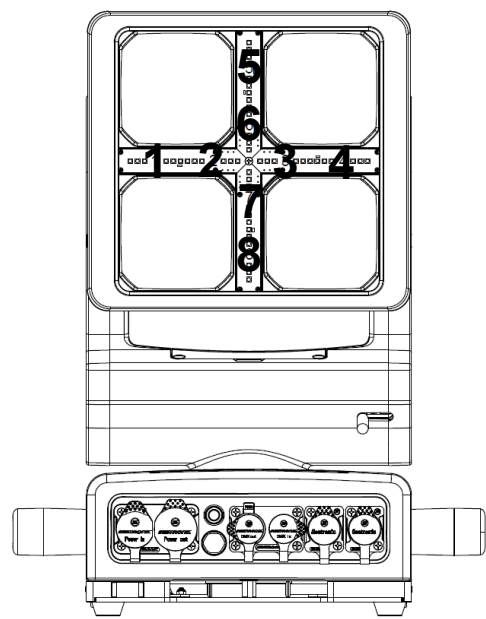
DMX LIST

| DMX Channel | Standard Mode | Shape Mode | Advanced Mode |
|--------------------|------------------------|------------------------|----------------------|
| 1 | PAN | PAN | PAN |
| 2 | PAN FINE | PAN FINE | PAN FINE |
| 3 | ENDLESS PAN | ENDLESS PAN | ENDLESS PAN |
| 4 | PAN DIRECTION | PAN DIRECTION | PAN DIRECTION |
| 5 | TILT | TILT | TILT |
| 6 | TILT FINE | TILT FINE | TILT FINE |
| 7 | ZOOM | ZOOM | ZOOM |
| 8 | SHUTTER | MASTER SHUTTER | MASTER SHUTTER |
| 9 | DIMMER | MASTER DIMMER | MASTER DIMMER |
| 10 | DIMMER FINE | MASTER DIMMER FINE | MASTER DIMMER FINE |
| 11 | FUNCTION | FUNCTION | FUNCTION |
| 12 | RED | L1 RED | LAYER SELECTION |
| 13 | GREEN | L1 RED FINE | LAYER CROSSFADE |
| 14 | BLUE | L1 GREEN | L1 RED |
| 15 | WHITE | L1 GREEN FINE | L1 GREEN |
| 16 | CTO | L1 BLUE | L1 BLUE |
| 17 | MACRO COL | L1 BLUE FINE | L1 WHITE |
| 18 | STROBE SHUT | L1 WHITE | L1 CTO |
| 19 | STROBE DIM | L1 WHITE FINE | L1 SHUTTER |
| 20 | STROBE PAT MODE | L1 CTO | L1 DIMMER |
| 21 | STROBE PATTERNS | MACRO COLOR | L2 RED |
| 22 | STROBE PAT INDEX/SPEED | COLOR CROSSFADE | L2 GREEN |
| 23 | - | L1 SHUTTER | L2 BLUE |
| 24 | - | L1 DIMMER | L2 WHITE |
| 25 | - | L2 RED | L2 CTO |
| 26 | - | L2 GREEN | L2 SHUTTER |
| 27 | - | L2 BLU | L2 DIMMER |
| 28 | - | L2 WHITE | L2 PATTERN MODE |
| 29 | - | L2 CTO | L2 PATTERN SELECTION |
| 30 | - | L2 SHUTTER | L2 PATTERN SPEED |
| 31 | - | L2 DIM | L2 PATTERN FADE |
| 32 | - | L2 PATT MODE | L2 TRANSITION |
| 33 | - | L2 SELECTION | L3 SHUTTER |
| 34 | - | L2 PAT SPEED | L3 DIMMER |
| 35 | - | L2 PAT FADE | STROBE MODE |
| 36 | - | L2 PAT TRANSITION | STROBE MASTER DIMM |
| 37 | - | STROBE SHUT | STROBE BG DIM |
| 38 | - | STROBE DIM | STROBE PATTERN DIM |
| 39 | - | STROBE PAT MODE | STROBE PIX DIM |
| 40 | - | STROBE PATTERNS | DURATION |
| 41 | - | STROBE PAT INDEX/SPEED | RATE |
| 42 | - | - | STROBE PATTERN MODE |
| 43 | - | - | STROBE PATTERNS |
| 44 | - | - | STROBE INDEX/SPEED |
| 45 | - | - | STROBE FADE |

PIXEL ENGINE MODE

| <i>DMX Channel</i> | <i>Pixels RGBW</i> | <i>Led Reference</i> |
|--------------------|--------------------|---|
| 1 | Red 1 |  |
| 2 | Green 1 | |
| 3 | Blue 1 | |
| 4 | White 1 | |
| 5 | Red 2 | |
| 6 | Green 2 | |
| 7 | Blue 2 | |
| 8 | White 2 | |
| 9 | Red 3 | |
| 10 | Green 3 | |
| 11 | Blue 3 | |
| 12 | White 3 | |
| 13 | Red 4 | |
| 14 | Green 4 | |
| 15 | Blue 4 | |
| 16 | White 4 | |

STROBE ENGINE MODE

| <i>DMX Channel</i> | <i>Strobe Led</i> | <i>Led Reference</i> |
|--------------------|-------------------|--|
| 1 | White 1 |  |
| 2 | White 2 | |
| 3 | White 3 | |
| 4 | White 4 | |
| 5 | White 5 | |
| 6 | White 6 | |
| 7 | White 7 | |
| 8 | White 8 | |

FUNCTION DETAILS

| DMX MODE | | | DMX DEFAULT VALUE | DMX VALUE | FUNCTION |
|-----------|----------|----------|-------------------------|-----------|--|
| STANDARD | SHAPE | ADVANCED | | | |
| 1 | 1 | 1 | 000 | | PAN |
| | | | | 000 - 255 | Pan CCW positioning from 0° to 540° (default setting) |
| 2 | 2 | 2 | 000 | | PAN FINE |
| | | | | 000 - 255 | Fine Pan positioning |
| 3 | 3 | 3 | 000 | | ENDLESS PAN |
| | | | | 000 - 000 | Unused range |
| | | | | 001 - 255 | Pan rotation from Slow to Fast |
| 4 | 4 | 4 | 000 | | PAN DIRECTION |
| | | | | 000 - 000 | CCW |
| | | | | 001 - 255 | CW |
| 5 | 5 | 5 | 000 | | TILT |
| | | | | 000 - 255 | Tilt CCW positioning |
| 6 | 6 | 6 | 000 | | TILT FINE |
| | | | | 000 - 255 | Fine Tilt positioning |
| 7 | 7 | 7 | 000 | | ZOOM |
| | | | | 000 - 255 | Linear (from wide 000 to narrow 255) |
| 8 | 8 | 8 | 000 | | MASTER SHUTTER |
| | | | | 000 - 003 | Light OFF |
| | | | | 004 - 103 | Strobe frequency from Slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 104 - 107 | Light ON |
| | | | | 108 - 207 | Pulsation frequency from slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 208 - 212 | Light ON |
| | | | | 213 - 225 | Random Strobe at slow frequency |
| | | | | 226 - 238 | Random Strobe at medium frequency |
| | | | | 239 - 251 | Random Strobe at fast frequency |
| 252 - 255 | Light ON | | | | |
| 9 | 9 | 9 | 000 | | MASTER DIMMER |
| | | | | 000 - 255 | Linear 0 – 100% |
| 10 | 10 | 10 | 000 | | MASTER DIMMER FINE |
| | | | | 000 - 255 | Linear Fine Dimmer |

| DMX MODE | | | DMX DEFAULT VALUE | DMX VALUE | FUNCTION |
|-----------|----------------------|----------|-------------------------|-----------|--|
| STANDARD | SHAPE | ADVANCED | | | |
| 11 | 11 | 11 | 000 | | FUNCTION |
| | | | | 000 - 001 | Unused range |
| | | | | 002 - 003 | Fan auto mode |
| | | | | 004 - 007 | Fan theatre mode |
| | | | | 008 - 009 | Fan constant mode |
| | | | | 010 - 011 | Fan silent mode |
| | | | | 012 - 067 | Unused range |
| | | | | 068 - 072 | Reverse mapping OFF |
| | | | | 073 - 077 | Reverse mapping ON |
| | | | | 078 - 080 | Setting LED calibration by RGBW pixels mapping channels |
| | | | | 081 - 083 | Save actual LED calibration as "custom calibration" |
| | | | | 084 - 086 | Set "custom calibration" preset |
| | | | | 087 - 089 | Set "full calibration" preset (all LEDs are calibrated at 255 DMX value) |
| | | | | 090 - 092 | Set "factory calibration" preset |
| | | | | 093 - 097 | Pixel Mapping disabled |
| | | | | 098 - 102 | RGBW (Pixel Mapping enabled) |
| | | | | 103 - 105 | Strobe Mapping disabled |
| | | | | 106 - 109 | Strobe Mapping enabled |
| | | | | 110 - 120 | Unused range |
| | | | | 121 - 130 | Freq. 0 (36.5 – 73.5 kHz) |
| | | | | 131 - 140 | Freq. 1 (18.2 – 36.5 kHz) |
| | | | | 141 - 150 | Freq. 2 (9.19 – 18.2 kHz) |
| | | | | 151 - 160 | Freq. 3 (4.55 – 9.19 kHz) |
| | | | | 161 - 170 | Freq. 4 (2.27 – 4.55 kHz) |
| | | | | 171 - 180 | Freq. 5 (1.14 – 2.27 kHz) |
| | | | | 181 - 183 | Pan disabled |
| | | | | 184 - 187 | Pan enabled |
| 188 - 190 | Invert tilt disabled | | | | |
| 191 - 193 | Invert tilt enabled | | | | |
| 194 - 197 | Invert pan disabled | | | | |
| 198 - 200 | Invert pan enabled | | | | |
| 201 - 255 | Unused range | | | | |
| - | - | 12 | 000 | | LAYER SELECTION |
| | | | | 000 - 255 | TBD |
| - | - | 13 | 000 | | LAYER CROSSFADE |
| | | | | 000 - 255 | TBD |
| 12 | 12 | 14 | 000 | | L1 RED |
| | | | | 000 - 255 | Linear 0 – 100% |
| - | 13 | - | 000 | | L1 RED FINE |
| | | | | 000 - 255 | Linear Fine Red (16 bit) |
| 13 | 14 | 15 | 000 | | L1 GREEN |
| | | | | 000 - 255 | Linear 0 – 100% |

| DMX MODE | | | DMX DEFAULT VALUE | DMX VALUE | FUNCTION | |
|----------|-------|----------|-------------------------|-----------|--|------------------------------------|
| STANDARD | SHAPE | ADVANCED | | | | |
| - | 15 | - | 000 | 000 - 255 | L1 GREEN FINE Linear Fine Green (16 bit) | |
| 14 | 16 | 16 | 000 | 000 - 255 | L1 BLUE Linear 0 – 100% | |
| - | 17 | - | 000 | 000 - 255 | L1 BLUE FINE Linear Fine Blue (16 bit) | |
| 15 | 18 | 17 | 000 | 000 - 255 | L1 WHITE Linear 0 – 100% | |
| - | 19 | - | 000 | 000 - 255 | L1 WHITE FINE Linear Fine White (16 bit) | |
| 16 | 20 | 18 | 000 | 000 - 255 | 8000K to 2500K | CTO Mode → Calibrated White |
| | | | | 000 - 009 | Deactivated | |
| | | | | 010 - 255 | 8000K to 2500K | CTO Mode → RAW |

| DMX MODE | | | DMX DEFAULT VALUE | DMX VALUE | FUNCTION |
|-----------|-------------------|----------|-------------------------|-----------|---------------------|
| STANDARD | SHAPE | ADVANCED | | | |
| 17 | 21 | - | 000 | | MACRO COLOUR |
| | | | | 000 - 009 | No macro colour |
| | | | | 010 | Red |
| | | | | 011 | Green |
| | | | | 012 | Blue |
| | | | | 013 | Cyan |
| | | | | 014 | Yellow |
| | | | | 015 | Magenta |
| | | | | 016 | White 7000K |
| | | | | 017 | White 3700K |
| | | | | 018 | White 5000K |
| | | | | 019 | Black |
| | | | | 020 - 022 | Medium Yellow |
| | | | | 023 - 026 | Straw Tint |
| | | | | 027 - 028 | Surprise Peach |
| | | | | 029 | Fire |
| | | | | 030 | Medium Amber |
| | | | | 031 | Gold Amber |
| | | | | 032 - 34 | Dark Amber |
| | | | | 035 - 44 | Sunrise Red |
| | | | | 045 | Light Pink |
| | | | | 046 - 048 | Medium Pink |
| | | | | 049 - 061 | Pink Carnation |
| | | | | 062 - 067 | Light Lavender |
| | | | | 068 - 077 | Lavender |
| | | | | 078 - 088 | Sky Blue |
| | | | | 089 - 099 | Just Blue |
| | | | | 100 - 109 | Dark Yellow green |
| | | | | 110 - 111 | Spring Yellow |
| | | | | 112 | Light Amber |
| | | | | 113 | Straw |
| | | | | 114 | Deep Amber |
| | | | | 115 - 116 | Orange |
| | | | | 117 | Light Rose |
| | | | | 118 | English Rose |
| | | | | 119 | Light Salmon |
| | | | | 120 | Middle Rose |
| | | | | 121 - 122 | Dark Pink |
| | | | | 123 - 124 | Magenta |
| | | | | 125 | Peacock Blue |
| | | | | 126 | Med Blue Green |
| | | | | 127 | Steel Blue |
| | | | | 128 | Light Blue |
| | | | | 129 - 130 | Dark Blue |
| | | | | 131 - 133 | Leaf Green |
| | | | | 134 - 135 | Dark Green |
| | | | | 136 - 137 | Mauve |
| 138 - 141 | Bright Pink | | | | |
| 142 - 144 | Medium Blue | | | | |
| 145 | Deep Golden Amber | | | | |
| 146 | Pale Lavender | | | | |
| 147 - 148 | Special lavender | | | | |
| 149 - 150 | Primary Green | | | | |
| 151 - 156 | Bright Blue | | | | |
| 157 - 161 | Apricot | | | | |
| 162 - 167 | Pale Gold | | | | |
| 168 - 171 | Deep Orange | | | | |
| 172 - 173 | Bastard Amber | | | | |
| 174 | Flame Red | | | | |
| 175 - 178 | Daylight Blue | | | | |
| 179 | Lilac Tint | | | | |
| 180 - 183 | Deep Lavender | | | | |
| 184 - 190 | Dark Steel Blue | | | | |
| 191 - 206 | Congo Blue | | | | |
| 207 | Alice Blue | | | | |
| 208 | Dirty White | | | | |
| 209 - 255 | White | | | | |

| DMX MODE | | | DMX DEFAULT VALUE | DMX VALUE | FUNCTION |
|----------|-------|----------|-------------------------|---|--|
| STANDARD | SHAPE | ADVANCED | | | |
| - | 22 | - | 000 | 000 - 255 | COLOR CROSSFADE TBD |
| - | 23 | 19 | 255 | 000 - 003 | BACKGROUND LAYER 1 SHUTTER Light OFF |
| | | | | 004 - 103 | Strobe frequency from Slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 104 - 107 | Light ON |
| | | | | 108 - 207 | Pulsation frequency from slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 208 - 212 | Light ON |
| | | | | 213 - 225 | Random Strobe at low frequency |
| | | | | 226 - 238 | Random Strobe at medium frequency |
| | | | | 239 - 251 | Random Strobe at high frequency |
| | | | | 252 - 255 | Light ON |
| - | 24 | 20 | 000 | 000 - 255 | BACKGROUND LAYER 1 DIMMER Linear 0 – 100% |
| - | 25 | 21 | 000 | 000 - 255 | LAYER 2 RED Linear 0 – 100% |
| - | 26 | 22 | 000 | 000 - 255 | LAYER 2 GREEN Linear 0 – 100% |
| - | 27 | 23 | 000 | 000 - 255 | LAYER 2 BLUE Linear 0 – 100% |
| - | 28 | 24 | 000 | 000 - 255 | LAYER 2 WHITE Linear 0 – 100% |
| - | 29 | 25 | 000 | 000 - 255 | LAYER 2 CTO 8000K to 2500K |
| - | 30 | 26 | 255 | 000 - 003 | LAYER 2 SHUTTER Light OFF |
| | | | | 004 - 103 | Strobe frequency from Slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 104 - 107 | Light ON |
| | | | | 108 - 207 | Pulsation frequency from slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 208 - 212 | Light ON (L2 slave) |
| | | | | 213 - 225 | Random Strobe at low frequency |
| | | | | 226 - 238 | Random Strobe at medium frequency |
| | | | | 239 - 251 | Random Strobe at high frequency |
| | | | | 252 - 255 | Light ON (L2 Master) |
| | | | | The shutter effect in this case refers only to LAYER 2 | |
| - | 31 | 27 | 255 | 000 - 255 | LAYER 2 DIMMER Linear 0 – 100% |

| DMX MODE | | | DMX DEFAULT VALUE | DMX VALUE | FUNCTION |
|----------|-------|----------|-------------------------|---|---|
| STANDARD | SHAPE | ADVANCED | | | |
| - | 32 | 28 | 000 | | LAYER 2 SHAPE/PATTERN MODE |
| | | | | 000 - 006 | Normal Mode |
| | | | | 007 - 130 | Static Mode |
| | | | | 131 - 255 | Dynamic Mode |
| - | 33 | 29 | 000 | | LAYER 2 PATTERN SELECTION |
| | | | | 000 - 255 | Change shape pattern |
| - | 34 | 30 | 000 | | LAYER 2 PATTERN SPEED |
| | | | | 000 - 255 | Indexing (in Static mode) |
| | | | | 000 - 124 | Speed control fast to slow, forward (in Dynamic mode) |
| | | | | 125 - 130 | Stop (in Dynamic mode) |
| | | | | 131 - 255 | Speed control slow to fast, backward (in Dynamic mode) |
| - | 35 | 31 | 000 | | LAYER 2 PATTERN FADE |
| | | | | 000 - 127 | Fade In/Out |
| | | | | 128 - 255 | Fade Out |
| - | 36 | 32 | 000 | | LAYER 2 PATTERN TRANSITION |
| | | | | 000 - 255 | Crossfade between layers/pattern (0: instant transition - 255: 3 seconds transition) ONLY ON LAYER MODE |
| - | - | 33 | 000 | | L3 SHUTTER |
| | | | | 000 - 003 | Light OFF |
| | | | | 004 - 103 | Strobe frequency from Slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 104 - 107 | Light ON |
| | | | | 108 - 207 | Pulsation frequency from slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 208 - 212 | Light ON (L3 Slave) |
| | | | | 213 - 225 | Random Strobe at low frequency |
| | | | | 226 - 238 | Random Strobe at medium frequency |
| | | | | 239 - 251 | Random Strobe at high frequency |
| | | | | 252 - 255 | Light ON (L3 Master) |
| | | | | the shutter effect in this case refers only to LAYER 3 | |
| - | - | 34 | 000 | | L3 DIMMER |
| | | | | 000 - 255 | Linear 0 – 100% |
| 18 | 37 | - | 000 | | STROBE SHUTTER |
| | | | | 000 - 003 | Light OFF |
| | | | | 004 - 103 | Strobe frequency from Slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 104 - 107 | Light ON |
| | | | | 108 - 207 | Pulsation frequency from slow (1 flash/sec) to Fast (25 flash/sec) |
| | | | | 208 - 212 | Light ON |
| | | | | 213 - 225 | Random Strobe at low frequency |
| | | | | 226 - 238 | Random Strobe at medium frequency |
| | | | | 239 - 251 | Random Strobe at high frequency |
| | | | 252 - 255 | Light ON | |

| DMX MODE | | | DMX DEFAULT VALUE | CHANNEL | FUNCTION |
|----------|-------|----------|-------------------------|--|---|
| STANDARD | SHAPE | ADVANCED | | | |
| - | - | 35 | 000 | | STROBE MODE |
| | | | | 000 - 005 | Macro OFF |
| | | | | 006 - 042 | Macro 1 – UP ramp |
| | | | | 043 - 085 | Macro 2 – DOWN ramp |
| | | | 086 - 255 | Macro 3 – UP/DOWN ramp | |
| 19 | 38 | 36 | 000 | | STROBE MASTER DIMMER |
| | | | | 000 - 255 | Linear 0 – 100% |
| - | - | 37 | 000 | | STROBE BACKGROUND DIMMER |
| | | | | 000 - 255 | Linear 0 – 100% |
| - | - | 38 | 000 | | STROBE PATTERN DIMMER |
| | | | | 000 - 255 | Linear 0 – 100% |
| - | - | 39 | 000 | | STROBE PIXEL DIMMER |
| | | | | 000 - 255 | Linear 0 – 100% |
| - | - | 40 | 000 | | STROBE DURATION |
| | | | | 000 - 255 | From 20 milliseconds to 1 second |
| - | - | 41 | 000 | | STROBE RATE |
| | | | | 000 - 255 | From 3.5 seconds to 40 milli seconds |
| 20 | 39 | 42 | 000 | | STROBE PATTERN MODE |
| | | | | 000 - 006 | Normal Mode |
| | | | | 007 - 130 | Static Mode |
| | | | 131 - 255 | Dynamic Mode | |
| 21 | 40 | 43 | 000 | | STROBE PATTERN SELECTION |
| | | | | 000 - 255 | Change shape pattern |
| 22 | 41 | 44 | 000 | | STROBE PATTERN SPEED |
| | | | | 000 - 255 | Indexing (in Static mode) |
| | | | | 000 - 124 | Speed control fast to slow, forward (in Dynamic mode) |
| | | | | 125 - 130 | Stop (in Dynamic mode) |
| | | | 131 - 255 | Speed control slow to fast, Backward (in Dynamic mode) | |
| - | - | 45 | 000 | | STROBE PATTERN FADE |
| | | | | 000 - 127 | Fade In/Out |
| | | | 128 - 255 | Fade Out | |