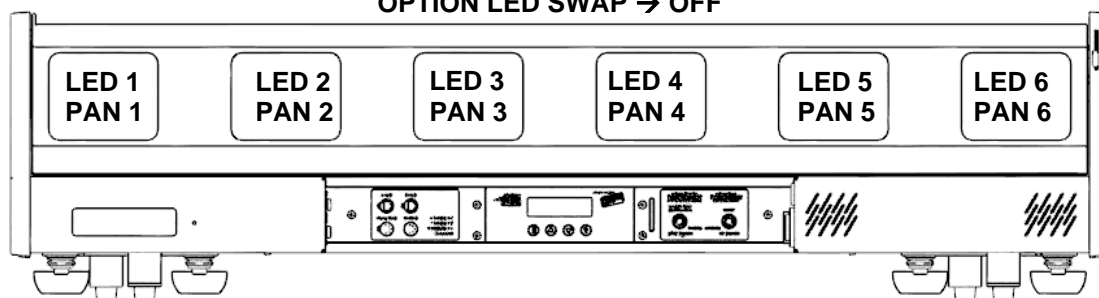


| BASIC ENGINE | | |
|--------------|--------------|---------------|
| CHANNEL | STANDARD | SHAPE |
| 1 | RED | RED |
| 2 | RED FINE | RED FINE |
| 3 | GREEN | GREEN |
| 4 | GREEN FINE | GREEN FINE |
| 5 | BLUE | BLUE |
| 6 | BLUE FINE | BLUE FINE |
| 7 | WHITE | WHITE |
| 8 | WHITE FINE | WHITE FINE |
| 9 | CTO | CTO |
| 10 | MACRO COLOUR | MACRO COLOUR |
| 11 | STROBE | STROBE |
| 12 | DIMMER | DIMMER |
| 13 | DIMMER FINE | DIMMER FINE |
| 14 | ZOOM | ZOOM |
| 15 | TILT | TILT |
| 16 | TILT FINE | TILT FINE |
| 17 | PAN 1 | PAN 1 |
| 18 | PAN 2 | PAN 2 |
| 19 | PAN 3 | PAN 3 |
| 20 | PAN 4 | PAN 4 |
| 21 | PAN 5 | PAN 5 |
| 22 | PAN 6 | PAN 6 |
| 23 | FUNCTION | FUNCTION |
| 24 | RESET | RESET |
| 25 | - | PIXEL MACRO |
| 26 | - | PIXEL SPEED |
| 27 | - | PIXEL OFFSET |
| 28 | - | MIRROR MACRO |
| 29 | - | MIRROR SPEED |
| 30 | - | MIRROR OFFSET |

| PIXEL ENGINE | | |
|--|---------|---------|
| Pixel Engine need to be enabled through the FUNCTION parameter (bit 103-105) | | |
| CHANNEL | RGB | RGBW |
| 1 | RED 1 | RED 1 |
| 2 | GREEN 1 | GREEN 1 |
| 3 | BLUE 1 | BLUE 1 |
| 4 | RED 2 | WHITE 1 |
| 5 | GREEN 2 | RED 2 |
| 6 | BLUE 2 | GREEN 2 |
| 7 | RED 3 | BLUE 2 |
| 8 | GREEN 3 | WHITE 2 |
| 9 | BLUE 3 | RED 3 |
| 10 | RED 4 | GREEN 3 |
| 11 | GREEN 4 | BLUE 3 |
| 12 | BLUE 4 | WHITE 3 |
| 13 | RED 5 | RED 4 |
| 14 | GREEN 5 | GREEN 4 |
| 15 | BLUE 5 | BLUE 4 |
| 16 | RED 6 | WHITE 4 |
| 17 | GREEN 6 | RED 5 |
| 18 | BLUE 6 | GREEN 5 |
| 19 | - | BLUE 5 |
| 20 | - | WHITE 5 |
| 21 | - | RED 6 |
| 22 | - | GREEN 6 |
| 23 | - | BLUE 6 |
| 24 | - | WHITE 6 |

OPTION LED SWAP → OFF



BASIC ENGINE CHANNEL FUNCTION

| CHANNEL | DMX Value | Function |
|---------|-----------|---|
| 1 | | RED |
| | 000 - 255 | Red colour linearly increase from no-light to maximum intensity |
| 2 | | RED FINE |
| | 000 - 255 | Fine Red intensity |
| 3 | | GREEN |
| | 000 - 255 | Green colour linearly increase from no-light to maximum intensity |
| 4 | | GREEN FINE |
| | 000 - 255 | Fine Green intensity |
| 5 | | BLUE |
| | 000 - 255 | Blue colour linearly increase from no-light to maximum intensity |
| 6 | | BLUE FINE |
| | 000 - 255 | Fine Blue intensity |
| 7 | | WHITE |
| | 000 - 255 | White colour linearly increase from no-light to maximum intensity |
| 8 | | WHITE FINE |
| | 000 - 255 | Fine White intensity |
| 9 | | CTO |
| | 000 - 009 | Colour Temperature control deactivated |
| | 010 - 255 | Colour Temperature control from 8000K to 2500K |

| CHANNEL | DMX Value | Function |
|---------|-----------|---------------------|
| | | 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 – 034 | Dark Amber |
| | 035 – 044 | 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 |

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| CHANNEL | DMX Value | Function |
|-----------|-----------|---|
| 11 | | STROBE |
| | 000 - 003 | Light ON |
| | 004 - 069 | Strobe at linearly variable frequency from low (1 flash/sec) to high (20 flashes/sec) |
| | 070 - 074 | Light ON |
| | 075 - 140 | Pulsation at linearly variable speed from slow to fast |
| | 141 - 206 | Pulsation at linearly variable speed from fast to slow |
| | 207 - 211 | Light ON |
| | 212 - 224 | Random Strobe at low frequency |
| | 225 - 237 | Random Strobe at medium frequency |
| | 238 - 250 | Random Strobe at high frequency |
| 251 - 255 | Light ON | |
| 12 | | DIMMER |
| | 000 - 255 | Light output linearly increase from off to maximum brightness |
| 13 | | DIMMER FINE |
| | 000 - 255 | Fine Dimmer positioning |
| 14 | | ZOOM |
| | 000 - 255 | Zoom linearly moves from narrow to wide beam |
| 15 | | TILT |
| | 000 - 255 | Moving batten linearly tilts from -120° to +120° |
| 16 | | TILT FINE |
| | 000 - 255 | Tilt Fine positioning |
| 17 | | PAN 1 |
| | 000 - 255 | Mirror 1 positioning (Default LED SWAP option OFF) |
| 18 | | PAN 2 |
| | 000 - 255 | Mirror 2 positioning (Default LED SWAP option OFF) |
| 19 | | PAN 3 |
| | 000 - 255 | Mirror 3 positioning (Default LED SWAP option OFF) |
| 20 | | PAN 4 |
| | 000 - 255 | Mirror 4 positioning (Default LED SWAP option OFF) |
| 21 | | PAN 5 |
| | 000 - 255 | Mirror 5 positioning (Default LED SWAP option OFF) |
| 22 | | PAN 6 |
| | 000 - 255 | Mirror 6 positioning (Default LED SWAP option OFF) |
| 23 | | FUNCTION |
| | 000 - 102 | Free |
| | 103 - 105 | Pixels Mapping Enable |
| | 106 - 255 | Free |

| CHANNEL | DMX Value | Function |
|---|-----------|--------------------------------|
| 24 | | RESET |
| | 000 - 025 | Unused Range |
| | 026 - 076 | Zoom Reset |
| | 077 - 127 | Pan / Tilt Reset |
| | 128 - 255 | Complete Reset |
| Each reset is activated passing through the unused range and staying 5 seconds in required reset levels | | |
| 25 | | PIXEL MACRO |
| | 000 - 015 | Macro OFF |
| | 016 - 031 | Macro 1 |
| | 032 - 047 | Macro 2 |
| | 048 - 063 | Macro 3 |
| | 064 - 079 | Macro 4 |
| | 080 - 095 | Macro 5 |
| | 96 - 111 | Macro 6 |
| | 112 - 127 | Macro 7 |
| | 128 - 143 | Macro 8 |
| | 144 - 159 | Macro 9 |
| | 160 - 175 | Macro 10 |
| | 176 - 191 | Macro 11 |
| | 192 - 207 | Macro 12 |
| | 208 - 223 | Macro 13 |
| 224 - 239 | Macro 14 | |
| 240 - 255 | Macro 15 | |
| 26 | | PIXEL MACRO SPEED |
| | 000 - 255 | Select speed from fast to slow |
| 27 | | PIXEL OFFSET |
| | 000 - 255 | Select Pixel macro offset |

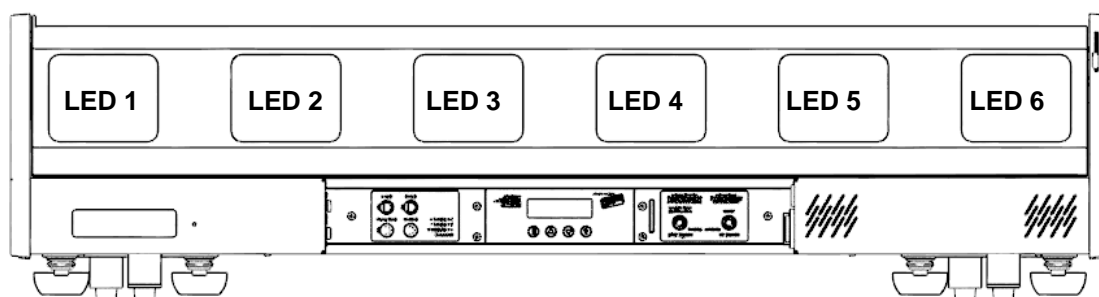
| CHANNEL | DMX Value | Function |
|-----------|-----------|--------------------------------|
| 28 | | MIRROR MACRO |
| | 000 - 015 | Macro OFF |
| | 016 - 031 | Macro 1 |
| | 032 - 047 | Macro 2 |
| | 048 - 063 | Macro 3 |
| | 064 - 079 | Macro 4 |
| | 080 - 095 | Macro 5 |
| | 096 - 111 | Macro 6 |
| | 112 - 127 | Macro 7 |
| | 128 - 143 | Macro 8 |
| | 144 - 159 | Macro 9 |
| | 160 - 175 | Macro 10 |
| | 176 - 191 | Macro 11 |
| | 192 - 207 | Macro 12 |
| | 208 - 223 | Macro 13 |
| 224 - 239 | Macro 14 | |
| 240 - 255 | Macro 15 | |
| 29 | | MIRROR MACRO SPEED |
| | 000 - 255 | Select speed from fast to slow |
| 30 | | MIRROR OFFSET |
| | 000 - 255 | Select Mirrors macro offset |

PIXEL ENGINE CHANNEL FUNCTION

Pixel Engine need to be enabled through the function parameter (bit 103-105)

| CHANNEL | | DMX Value | Function |
|---------|------|-----------|--|
| RGB | RGBW | | |
| 1 | 1 | 000 - 255 | RED LED 1 Red Led 1 linearly increase from no-light to maximum intensity |
| 2 | 2 | 000 - 255 | GREEN LED 1 Green Led 1 linearly increase from no-light to maximum intensity |
| 3 | 3 | 000 - 255 | BLUE LED 1 Blue Led 1 linearly increase from no-light to maximum intensity |
| - | 4 | 000 - 255 | WHITE LED 1 White Led 1 linearly increase from no-light to maximum intensity |
| ⋮ | ⋮ | ⋮ | ⋮ |
| 16 | 21 | 000 - 255 | RED LED 6 Red Led 6 linearly increase from no-light to maximum intensity |
| 17 | 22 | 000 - 255 | GREEN LED 6 Green Led 6 linearly increase from no-light to maximum intensity |
| 18 | 23 | 000 - 255 | BLUE LED 6 Blue Led 6 linearly increase from no-light to maximum intensity |
| - | 24 | 000 - 255 | WHITE LED 6 White Led 6 linearly increase from no-light to maximum intensity |

OPTION LED SWAP →OFF



NOTE: With the Option LED SWAP ON the LEDs sequence is inverted