










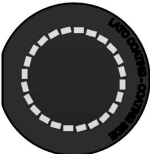
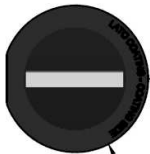



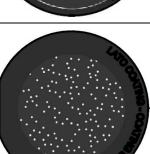


DMX LIST

| Number of parameter | Function |
|---------------------|----------------------|
| 1 | CYAN |
| 2 | MAGENTA |
| 3 | YELLOW |
| 4 | COLOUR WHEEL |
| 5 | STOPPER / STROBE |
| 6 | DIMMER |
| 7 | DIMMER FINE |
| 8 | IRIS |
| 9 | STATIC GOBO CHANGE |
| 10 | ROTATING GOBO CHANGE |
| 11 | GOBO ROTATION |
| 12 | GOBO FINE |
| 13 | PRISM INSERTION |
| 14 | PRISM ROTATION |
| 15 | FROST |
| 16 | FOCUS |
| 17 | ZOOM |
| 18 | PAN |
| 19 | PAN FINE |
| 20 | TILT |
| 21 | TILT FINE |
| 22 | RESET |
| 23 | FUNCTION |

| Number of parameter | DMX Value | Function |
|---------------------|--|--|
| 1 | 0 - 255 | CYAN Linear Cyan colour movement from white to full (Color Mixing → CMY) Linear Cyan colour movement full to white (Color Mixing → RGB) |
| | | |
| 2 | 0 - 255 | MAGENTA Linear Magenta colour movement from white to full (Color Mixing → CMY) Linear Magenta colour movement from full to white (Color Mixing → RGB) |
| | | |
| 3 | 0 - 255 | YELLOW Linear Yellow colour movement from white to full (Color Mixing → CMY) Linear Yellow colour movement from full to white (Color Mixing → RGB) |
| | | |
| 4 | | COLOUR WHEEL |
| | 0 – 7 | Empty position |
| | 8 – 15 | Empty + Dark Red |
| | 16 – 23 | Dark Red |
| | 24 – 31 | Dark Red + Brilliant Blue |
| | 32 – 39 | Brilliant Blue |
| | 40 – 47 | Brilliant Blue + Green |
| | 48 – 55 | Green |
| | 56 – 63 | Green + CTO |
| | 64 – 71 | CTO |
| | 72 – 79 | CTO + Light Orange |
| | 80 – 87 | Light Orange |
| | 88 – 95 | Light Orange + Dark Orange |
| | 96 – 103 | Dark Orange |
| | 104 – 111 | Dark Orange + Navy Blue |
| | 112 – 119 | Navy Blue |
| | 120 – 127 | Navy Blue + Empty |
| 128 - 255 | Continuous colour wheel CW rotation at linearly variable speed from slow to fast | |
| 5 | | STOPPER / STROBE |
| | 0 - 3 | Light OFF |
| | 4 - 103 | Strobe at linearly variable frequency from low (1 flash/sec) to high (25 flashes/sec) |
| | 104 - 107 | Light ON |
| | 108 - 207 | Pulsation at linearly variable speed from slow to fast |
| | 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 | |
| 6 | 0 - 255 | DIMMER Light output linearly increases from no-light to maximum output |
| 7 | 0 - 255 | DIMMER FINE (16 Bit) Fine Dimmer control |
| 8 | | IRIS |
| | 0 - 127 | Iris linearly open from minimum to maximum aperture |
| | 128 - 131 | Maximum aperture |
| | 132 - 171 | Iris pulsation from slow to fast speed |
| | 172 - 211 | Iris pulsation from slow to fast speed with fast opening |
| | 212 - 251 | Iris pulsation from slow to fast speed with fast closing |
| | 252 - 255 | Maximum aperture |

| Number of parameter | DMX Value | Function |
|---------------------|-----------|--|
| 9 | | STATIC GOBO CHANGE |
| | 0 – 6 | Empty position |
| | 7 – 12 | Gobo 1 position  |
| | 13 – 19 | Gobo 2 position  |
| | 20 – 25 | Gobo 3 position  |
| | 26 – 32 | Gobo 4 position  |
| | 33 – 38 | Gobo 5 position  |
| | 39 – 45 | Gobo 6 position  |
| | 46 – 51 | Gobo 7 position  |
| | 52 – 58 | Gobo 8 position  |
| | 59 – 64 | Gobo 9 position  |
| | 65 – 71 | Gobo 10 position  |
| | 72 - 113 | Continuous gobo wheel CW rotation at linearly variable speed from fast to slow |
| | 114 - 117 | Stop rotation |
| | 118 - 159 | Continuous gobo wheel CCW rotation at linearly variable speed from slow to fast |
| | 160 – 169 | Gobo 1 shakes at variable speed from slow to fast |
| | 170 – 179 | Gobo 2 shakes at variable speed from slow to fast |
| | 180 – 188 | Gobo 3 shakes at variable speed from slow to fast |
| | 189 – 198 | Gobo 4 shakes at variable speed from slow to fast |
| | 199 – 207 | Gobo 5 shakes at variable speed from slow to fast |
| | 208 – 217 | Gobo 6 shakes at variable speed from slow to fast |
| | 218 – 226 | Gobo 7 shakes at variable speed from slow to fast |
| | 227 – 236 | Gobo 8 shakes at variable speed from slow to fast |
| | 237 – 245 | Gobo 9 shakes at variable speed from slow to fast |
| | 246 – 255 | Gobo 10 shakes at variable speed from slow to fast |

| Number of parameter | DMX Value | Function |
|---------------------|---|--|
| 10 | | ROTATING GOBO CHANGE |
| | 0 – 8 | Empty position |
| | 9 – 17 | Gobo 1 position  |
| | 18 – 26 | Gobo 2 position  |
| | 27 – 35 | Gobo 3 position  |
| | 36 – 44 | Gobo 4 position  |
| | 45 – 53 | Gobo 5 position  |
| | 54 – 62 | Gobo 6 position  |
| | 63 – 71 | Gobo 7 position  |
| | 72 - 113 | Continuous CCW rotation at linearly variable speed from fast to slow |
| | 114 - 117 | Stop rotation |
| | 118 - 159 | Continuous CW rotation at linearly variable speed from slow to fast |
| | 160 - 173 | Gobo 1 shakes at variable speed from slow to fast |
| | 174 - 187 | Gobo 2 shakes at variable speed from slow to fast |
| | 188 - 200 | Gobo 3 shakes at variable speed from slow to fast |
| 201 - 214 | Gobo 4 shakes at variable speed from slow to fast | |
| 215 - 227 | Gobo 5 shakes at variable speed from slow to fast | |
| 228 - 241 | Gobo 6 shakes at variable speed from slow to fast | |
| 242 - 255 | Gobo 7 shakes at variable speed from slow to fast | |

| Number of parameter | DMX Value | Function |
|---------------------|--|--|
| 11 | | GOBO ROTATION |
| | 0 - 21 | Gobo indexing CW: 0° to 90° range |
| | 21 - 42 | Gobo indexing CW: 90° to 180° range |
| | 42 - 63 | Gobo indexing CW: 180° to 270° range |
| | 63 - 84 | Gobo indexing CW: 270° to 360° range |
| | 84 - 105 | Gobo indexing CW: 360° to 450° range |
| | 105 - 127 | Gobo indexing CW: 450° to 540° range |
| | 128 - 190 | Continuous CW gobo rotation at linearly variable speed from fast to slow |
| | 191 - 192 | Stop rotation |
| 193 - 255 | Continuous CCW gobo rotation at linearly variable speed from slow to fast | |
| 12 | | GOBO FINE |
| | 0 - 255 | Fine CW gobo rotation |
| 13 | | PRISM INSERTION |
| | 0 - 127 | Prism out |
| | 128 - 255 | 4 facet prism into the light beam |
| 14 | | PRISM ROTATION |
| | 0 - 21 | Prism indexing CW: 0° to 90° range |
| | 21 - 42 | Prism indexing CW: 90° to 180° range |
| | 42 - 63 | Prism indexing CW: 180° to 270° range |
| | 63 - 84 | Prism indexing CW: 270° to 360° range |
| | 84 - 105 | Prism indexing CW: 360° to 450° range |
| | 105 - 127 | Prism indexing CW: 450° to 540° range |
| | 128 - 190 | Continuous prism rotation CW at linearly variable speed from fast to slow |
| | 191 - 192 | Stop rotation |
| 193 - 255 | Continuous prism rotation CCW at linearly variable speed from slow to fast | |
| 15 | | FROST |
| | 0 - 128 | Frost out |
| | 129 - 255 | Frost into the light beam |
| 16 | | FOCUS |
| | 0 - 255 | Focus moves linearly from far to near position |
| 17 | | ZOOM |
| | 0 - 255 | Zoom linearly moves from narrow to wide beam |
| 18 | | PAN |
| | 0 - 255 | Pan movement/positioning CCW from 0° to 540° (Setting: Invert Pan=Off; Invert Tilt=Off) |
| 19 | | PAN FINE |
| | 0 - 255 | Fine Pan positioning CCW |

| Number of parameter | DMX Value | Function |
|---------------------|----------------------------------|--|
| 20 | 0 – 255 | TILT |
| | | Tilt movement/positioning CW from 0° to 270° (invert Pan=Off; Invert Tilt=Off) |
| 21 | 0 – 255 | TILT FINE |
| | | Fine Tilt positioning CW |
| 22 | 0 – 25 | RESET Unused range |
| | 26 – 76 | Effects Reset Effects Reset sequence is activated passing through the unused levels range and staying in this range for 5 seconds |
| | 77 – 127 | Pan / Tilt Reset Pan/Tilt Reset sequence passing through the unused levels range and staying in this range for 5 seconds. |
| | 128 – 255 | Complete Reset All-effects Reset sequence passing through the unused levels range and staying in this range for 5 seconds. |
| 23 | | FUNCTION |
| | 0 – 10 | Unused range |
| | 11 – 20 | Led Frequency 600Hz |
| | 21 – 30 | Led Frequency 1200Hz (default setting) |
| | 31 – 40 | Led Frequency 2000Hz |
| | 41 – 50 | Led Frequency 4000Hz |
| | 51 – 60 | Led Frequency 8000Hz |
| | 61 – 70 | Led Frequency 16KHz |
| | 71 – 80 | Led Frequency 25KHz |
| | 81 – 90 | Fan Mode Auto (default setting) |
| | 91 – 95 | Fan Mode SLN |
| | 96 – 100 | Fan Mode Theatre |
| | 101 – 110 | Fan Mode Constant |
| | 111 – 120 | Pan/Tilt Slow Speed |
| | 121 – 130 | Pan/Tilt Medium Speed |
| | 131 – 140 | Pan/Tilt Fast Speed (default setting) |
| | 141 – 150 | CMY Normal Speed |
| 151 – 160 | CMY Fast Speed (default setting) | |
| 161 – 255 | Free | |
| | | IMPORTANT: The functions are activated/selected staying in the necessary range for 3 seconds |

IMPORTANT NOTE

To prevent accidental breakage of the effects, which could collide with each others during transport, before switching the projector OFF, check that all the fixture Channels have been excluded (DMX level = 0 bit.).