

DMX CHARTS

| Ch | 28CH | 30CH | 35CH | 44CH | Record Scenes |
|----|------------------------------|------------------------------|------------------------------|-----------------------------------|------------------------------|
| 1 | SHUTTER | SHUTTER | SHUTTER | SHUTTER | SHUTTER |
| 2 | DIMMER | DIMMER | DIMMER | DIMMER | DIMMER |
| 3 | CYAN | CYAN | DIMMER FINE | DIMMER FINE | DIMMER FINE |
| 4 | MAGENTA | MAGENTA | CYAN | CYAN | CYAN |
| 5 | YELLOW | YELLOW | MAGENTA | MAGENTA | MAGENTA |
| 6 | CTO | CTO | YELLOW | YELLOW | YELLOW |
| 7 | COLOR | COLOR | CTO | CTO | CTO |
| 8 | ROTATING GOBO WHEEL | ROTATING GOBO WHEEL | COLOR | COLOR | COLOR |
| 9 | RGOBO | RGOBO | ROTATING GOBO WHEEL | ROTATING GOBO WHEEL | ROTATING GOBO WHEEL |
| 10 | PRISM ROT | PRISM | RGOBO | RGOBO | RGOBO |
| 11 | FROST 1 | RPRISM | PRISM ROT | RGOBO FINE | PRISM ROT |
| 12 | FROST 2 | FROST 1 | FROST 1 | PRISM | FROST 1 |
| 13 | FOCUS | FROST 2 | FROST 2 | RPRISM | FROST 2 |
| 14 | ZOOM | FOCUS | FOCUS | RPRISM FINE | FOCUS |
| 15 | ANIMATION WHEEL | ZOOM | FOCUS FINE | FROST 1 | FOCUS FINE |
| 16 | IRIS | ANIMATION | ZOOM | FROST 2 | ZOOM |
| 17 | FRAMING SHUTTER 1 MOVEMENT | ANIMATION ROTATION | ZOOM FINE | FOCUS | ZOOM FINE |
| 18 | FRAMING SHUTTER 1 SWIVELLING | IRIS | ANIMATION | FOCUS FINE | ANIMATION |
| 19 | FRAMING SHUTTER 2 MOVEMENT | FRAMING SHUTTER 1 MOVEMENT | ANIMATION ROTATION | ZOOM | ANIMATION ROTATION |
| 20 | FRAMING SHUTTER 2 SWIVELLING | FRAMING SHUTTER 1 SWIVELLING | IRIS | ZOOM FINE | IRIS |
| 21 | FRAMING SHUTTER 3 MOVEMENT | FRAMING SHUTTER 2 MOVEMENT | FRAMING SHUTTER 1 MOVEMENT | ANIMATION | FRAMING SHUTTER 1 MOVEMENT |
| 22 | FRAMING SHUTTER 3 SWIVELLING | FRAMING SHUTTER 2 SWIVELLING | FRAMING SHUTTER 1 SWIVELLING | ANIMATION ROTATION | FRAMING SHUTTER 1 SWIVELLING |
| 23 | FRAMING SHUTTER 4 MOVEMENT | FRAMING SHUTTER 3 MOVEMENT | FRAMING SHUTTER 2 MOVEMENT | IRIS | FRAMING SHUTTER 2 MOVEMENT |
| 24 | FRAMING SHUTTER 4 SWIVELLING | FRAMING SHUTTER 3 SWIVELLING | FRAMING SHUTTER 2 SWIVELLING | FRAMING SHUTTER 1 MOVEMENT | FRAMING SHUTTER 2 SWIVELLING |
| 25 | FRAMING SHUTTERS ROTATION | FRAMING SHUTTER 4 MOVEMENT | FRAMING SHUTTER 3 MOVEMENT | FRAMING SHUTTER 1 MOVEMENT FINE | FRAMING SHUTTER 3 MOVEMENT |
| 26 | SHUTTERS MACROS | FRAMING SHUTTER 4 SWIVELLING | FRAMING SHUTTER 3 SWIVELLING | FRAMING SHUTTER 1 SWIVELLING | FRAMING SHUTTER 3 SWIVELLING |
| 27 | SHUTTERS MACRO SPEED | FRAMING SHUTTERS ROTATION | FRAMING SHUTTER 4 MOVEMENT | FRAMING SHUTTER 1 SWIVELLING FINE | FRAMING SHUTTER 4 MOVEMENT |
| 28 | CONTROL | SHUTTERS MACROS | FRAMING SHUTTER 4 SWIVELLING | FRAMING SHUTTER 2 MOVEMENT | FRAMING SHUTTER 4 SWIVELLING |
| 29 | | SHUTTERS MACRO SPEED | FRAMING SHUTTERS ROTATION | FRAMING SHUTTER 2 MOVEMENT FINE | FRAMING SHUTTERS ROTATION |
| 30 | | CONTROL | SHUTTERS MACROS | FRAMING SHUTTER 2 SWIVELLING | SHUTTERS MACROS |
| 31 | | | SHUTTERS MACRO SPEED | FRAMING SHUTTER 2 SWIVELLING FINE | SHUTTERS MACRO SPEED |
| 32 | | | SHOW | FRAMING SHUTTER 3 MOVEMENT | |
| 33 | | | CHASE | FRAMING SHUTTER 3 MOVEMENT FINE | |
| 34 | | | SCENES | FRAMING SHUTTER 3 SWIVELLING | |
| 35 | | | RECORD SCENES | FRAMING SHUTTER 3 SWIVELLING FINE | |

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|----|--|--|--|--------------------------------------|--|
| 36 | | | | FRAMING SHUTTER 4 MOVEMENT | |
| 37 | | | | FRAMING SHUTTER 4 MOVEMENT FINE | |
| 38 | | | | FRAMING SHUTTER 4 SWIVELLING | |
| 39 | | | | FRAMING SHUTTER 4 SWIVELLING FINE | |
| 40 | | | | FRAMING SHUTTERS ROTATION | |
| 41 | | | | FRAMING SHUTTER ROTATION FINE | |
| 42 | | | | SHUTTERS MACROS | |
| 43 | | | | SHUTTERS MACRO SPEED | |
| 44 | | | | CONTROL | |

| 28CH | 30CH | 35CH | 44CH | Record Scenes | Function | DMX Value | Default |
|------|------|------|------|---------------|--|---|---------|
| 1 | 1 | 1 | 1 | 1 | SHUTTER Shutter closed No function (shutter open) Strobe effect slow to fast No function (shutter open) Pulse-effect in sequences No function (shutter open) Random strobe effect slow to fast No function (shutter open) | 000 - 031 032 - 063 064 - 095 096 - 127 128 - 159 160 - 191 192 - 223 224 - 255 | 255 |
| 2 | 2 | 2 | 2 | 2 | DIMMER 0% to 100% (close to open) | 000 - 255 | 000 |
| | | 3 | 3 | 3 | DIMMER FINE 0% to 100% (close to open) | 000 - 255 | 000 |
| 3 | 3 | 4 | 4 | 4 | CYAN 0% to 100% | 000 - 255 | 000 |
| 4 | 4 | 5 | 5 | 5 | MAGENTA 0% to 100% | 000 - 255 | 000 |
| 5 | 5 | 6 | 6 | 6 | YELLOW 0% to 100% | 000 - 255 | 000 |
| 6 | 6 | 7 | 7 | 7 | CTO 0% to 100% | 000 - 255 | 000 |
| 7 | 7 | 8 | 8 | 8 | COLOR Open Open+Color1 Color1 Color1+Color2 Color2 Color2+ Color3 Color3 Color3+ Color4 Color4 Color4+Color5 Color5 Color5+ Color6 Color6 Color6+ Open Stop to fast(Forward Spin) Fast to stop(Revers Spin) Positioning from 0-360 degrees(Indexing) | 000 - 004 005 - 009 010 - 013 014 - 018 019 - 022 023 - 027 028 - 031 032 - 036 037 - 040 041 - 045 046 - 049 050 - 054 055 - 058 059 - 063 064 - 095 096 - 127 128 - 255 | 000 |
| 8 | 8 | 9 | 9 | 9 | ROTATING GOBO WHEEL Open Position 1 Position 2 Position 3 Position 4 Position 5 Position 6 Position 7 Position 1 Shaking slow to fast Position 2 Shaking slow to fast Position 3 Shaking slow to fast Position 4 Shaking slow to fast Position 5 Shaking slow to fast Position 6 Shaking slow to fast Position 7 Shaking slow to fast Stop to fastest (Forward Wheel Spin) Stop to fastest (Reverse Wheel Spin) | 000 - 005 006 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 055 056 - 070 071 - 085 086 - 100 101 - 115 116 - 130 131 - 145 146 - 200 201 - 255 | 000 |
| 9 | 9 | 10 | 10 | 10 | RGOBO Positioning from 0-360 degrees (Indexing) Fast to Slow Stop Slow to Fast | 000 - 191 192 - 221 222 - 225 226 - 255 | 000 |
| | | | 11 | | RGOBO FINE RGobo Fine | 000 - 255 | 000 |

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|------|------|------|------|---------------|---|---|---------|
| 10 | | 11 | | 11 | PRISM ROT Prism Off Index Fast to Slow Stop Slow to Fast | 000 - 000 001 - 127 128 - 189 190 - 193 194 - 255 | 000 |
| | 10 | | 12 | | PRISM Prism Off Indexed Rotation | 000 - 020 021 - 127 128 - 255 | 000 |
| | 11 | | 13 | | PRISM Indexed | 000 - 255 | 000 |
| | | | | | Fast to Slow Stop Slow to Fast | 000 - 127 128 129 - 255 | 128 |
| | | | 14 | | RPRISM FINE RPrism Fine | 000 - 255 | 000 |
| 11 | 12 | 12 | 15 | 12 | FROST 1 0% to 100% | 000 - 255 | 000 |
| 12 | 13 | 13 | 16 | 13 | FROST 2 0% to 100% | 000 - 255 | 000 |
| 13 | 14 | 14 | 17 | 14 | FOCUS | 000 - 255 | 000 |
| | | 15 | 18 | 15 | FOCUS FINE | 000 - 255 | 000 |
| 14 | 15 | 16 | 19 | 16 | ZOOM | 000 - 255 | 000 |
| | | 17 | 20 | 17 | ZOOM FINE | 000 - 255 | 000 |
| 15 | | | | | ANIMATION WHEEL Open/No Function Forward stop to fastest Stop Reverse stop to fastest | 000 - 003 004 - 127 128 - 131 132 - 255 | 000 |
| | 16 | 16 | 21 | 18 | ANIMATION Effect Off Linear insertion | 000 - 007 008 - 255 | 000 |
| | 17 | 19 | 22 | 19 | ANIMATION ROTATION Stop Fastest to Slowest(Forward Spin) Stop Slowest to fastest(Reverse Spin) | 000 - 127 128 - 189 190 - 193 194 - 255 | 000 |
| 16 | 18 | 20 | 23 | 20 | IRIS From large to small Open and close by arrive slow to fast (Effects) Open from slow to fast (Effects) Close from slow to fast (Effects) | 000 - 063 064 - 127 128 - 191 192 - 255 | 000 |
| 17 | 19 | 21 | 24 | 21 | FRAMING SHUTTER 1 MOVENT Movement from outward to inward | 000 - 255 | 000 |
| | | | 25 | | FRAMING SHUTTER 1 MOVENT FINE | 000 - 255 | 000 |
| 18 | 20 | 22 | 26 | 22 | FRAMING SHUTTER 1 SWIVELLING Swivelling from -25 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +25 degrees | 000-127 128 129-255 | 128 |
| | | | 27 | | FRAMING SHUTTER 1 SWIVELLING FINE | 000 - 255 | 000 |
| 19 | 21 | 23 | 28 | 23 | FRAMING SHUTTER 2 MOVENT Movement from outward to inward | 000 - 255 | 000 |

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| | | | 29 | | FRAMING SHUTTER 2 MOVENT FINE | 000 - 255 | 000 |
| 20 | 22 | 24 | 30 | 24 | FRAMING SHUTTER 2 SWIVELLING Swivelling from -25 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +25 degrees | 000-127 128 129-255 | 128 |
| | | | 31 | | FRAMING SHUTTER 2 SWIVELLING FINE | 000 - 255 | 000 |
| 21 | 23 | 25 | 32 | 25 | FRAMING SHUTTER 3 MOVENT Movement from outward to inward | 000 - 255 | 000 |
| | | | 33 | | FRAMING SHUTTER 3 MOVENT FINE | 000 - 255 | 000 |
| 22 | 24 | 26 | 34 | 26 | FRAMING SHUTTER 3 SWIVELLING Swivelling from -25 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +25 degrees | 000-127 128 129-255 | 128 |
| | | | 35 | | FRAMING SHUTTER 3 SWIVELLING FINE | 000 - 255 | 000 |
| 23 | 25 | 27 | 36 | 27 | FRAMING SHUTTER 4 MOVENT Movement from outward to inward | 000 - 255 | 000 |
| | | | 37 | | FRAMING SHUTTER 4 MOVENT FINE | 000 - 255 | 000 |
| 24 | 26 | 28 | 38 | 28 | FRAMING SHUTTER 4 SWIVELLING Swivelling from -25 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +25 degrees | 000-127 128 129-255 | 128 |
| | | | 39 | | FRAMING SHUTTER 4 SWIVELLING FINE | 000 - 255 | 000 |
| 25 | 27 | 29 | 40 | 29 | FRAMING SHUTTERS ROTATION Rotation from left to center Center Rotation from center to right | 000-127 128 129-255 | 128 |
| | | | 41 | | FRAMING SHUTTERS ROTATION FINE | 000 - 255 | 000 |
| 26 | 28 | 30 | 42 | 30 | SHUTTERS MACROS No Function Macro 1 Macro 2 Macro 3 Macro 4 Macro 5 Macro 6 Macro 7 Macro 8 Macro 9 Macro 10 Macro 11 Macro 12 Macro 13 Macro 14 Macro 15 Macro 16 Macro 17 Macro 18 Macro 19 Macro 20 Macro 21 Macro 22 Macro 23 Macro 24 Macro 25 Macro 26 Macro 27 Macro 28 Macro 29 Macro 30 Macro 31 Macro 32 Macro 33 Macro 34 Macro 35 | 000 - 003 004 - 011 012 - 018 019 - 025 026 - 032 033 - 039 040 - 047 048 - 054 055 - 061 062 - 068 069 - 075 076 - 082 083 - 090 091 - 097 098 - 104 105 - 111 112 - 118 119 - 125 126 - 133 134 - 140 141 - 147 148 - 155 156 - 161 162 - 168 169 - 176 177 - 183 184 - 190 191 - 197 198 - 204 205 - 211 212 - 219 220 - 226 227 - 233 234 - 240 241 - 247 248 - 255 | 000 |

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|------|------|------|------|---------------|---|---|---------|
| 27 | 29 | 31 | 43 | 31 | SHUTTERS MACROS SPEED Speed From Slow to Fast | 000 - 255 | 000 |
| 28 | 30 | | 44 | | CONTROL No function Enable blackout while color change (Hold 3 Second) Disable blackout while color change (Hold 3 Second) Enable blackout while gobo change (Hold 3 Second) Disable blackout while gobo change (Hold 3 Second) Cyan/Magenta/Yellow/CTO/Color Reset (Hold 3 Second) Shutters Reset (Hold 3 Second) Gobo Reset (Hold 3 Second) Prism Reset (Hold 3 Second) Focus Reset (Hold 3 Second) Zoom Reset (Hold 3 Second) Frost Reset (Hold 3 Second) Effect Reset (Hold 3 Second) ADV. GOBO INDEX ON ADV. GOBO INDEX OFF ADV. FOCUS INDEX ON ADV. FOCUS INDEX OFF ADV. ZOOM INDEX ON ADV. ZOOM INDEX OFF WARM UP LOW TEMP ON WARM UP LOW TEMP OFF WARM UP LOW TEMP VALUE No function Reset all (Hold 3 Second) No function | 000-059 060-069 070-079 080-089 090-099 100-119 110-119 120-129 130-139 140-149 150-159 160-169 170-179 180-181 182-183 184-185 186-187 188-189 190-191 192-193 194-195 196-197 198-199 200-209 210-255 | 000 |
| | | 32 | | | SHOW No Function Show 1 Show 2 Show 3 | 000 - 063 064 - 127 128 - 191 192 - 255 | 000 |
| | | 33 | | | CHASE No Function Chase 1 Chase 2 Chase 3 Chase 4 Chase 5 Chase 6 Chase 7 Chase 8 | 000 - 028 029 - 056 057 - 085 086 - 113 114 - 141 142 - 170 171 - 198 199 - 226 227 - 255 | 000 |
| | | 34 | | | SCENES No Function Scene 1 Scene 2 Scene 3 Scene 4 Scene 5 Scene 6 Scene 7 Scene 8 Scene 9 Scene 10 Scene 11 Scene 12 Scene 13 Scene 14 Scene 15 Scene 16 Scene 17 Scene 18 Scene 19 Scene 20 Scene 21 Scene 22 Scene 23 Scene 24 | 000 - 007 008 - 015 016 - 023 024 - 030 031 - 038 039 - 046 047 - 054 055 - 061 062 - 069 070 - 077 078 - 085 086 - 092 093 - 100 101 - 108 109 - 115 116 - 123 124 - 131 132 - 139 140 - 146 147 - 154 155 - 162 163 - 170 171 - 177 178 - 185 186 - 193 | 000 |

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|------|------|------|------|---------------|--|--|---------|
| | | 34 | | | Scene 25 Scene 26 Scene 27 Scene 28 Scene 29 Scene 30 Scene 31 Scene 32 | 194 - 200 201 - 208 209 - 216 217 - 224 225 - 231 232 - 239 240 - 247 248 - 255 | 000 |
| | | 35 | | | SCENE RECORD No Function Edit Scene Mode Edit Scene Mode (Hold 3S and Save) | 000 - 010 011 - 128 129 - 255 | 000 |

NOTE: for RECORD SCENE function follow the steps described below:

1. Select a scene from 1 to 32 with the SCENES function by setting a value from 032 to 255 of DMX Channel 30 (in Standard mode) or DMX Channel 41 (in Extended mode);
2. To save the scene at the previously selected position set a value from 171 to 255 on DMX Channel 31 (in Standard Mode) or DMX Channel 31 (in Extended Mode);
3. Hold the DMX value set in step 2 for 3 seconds.