| Robin GigaPointe® - DMX protocol | | | | |
|---|---|---|---|---|
| Version: 1.8 | | **Mode 1**-MegaPointe (mode 1), **Mode 2** - Advanced features | | |
| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
| **1**/39 | **2/**41 | | | |
| **1** | **1** | | **Pan** | |
| | | 0 - 255 | Pan movement by 540° (128=default) | proportional |
| **2** | **2** | | **Pan Fine** | |
| | | 0 - 255 | Fine control of pan movement (0=default) | proportional |
| **3** | **3** | | **Tilt** | |
| | | 0 - 255 | Tilt movement by 265° (128=default) | proportional |
| **4** | **4** | | **Tilt fine** | |
| | | 0 - 255 | Fine control of tilt movement (0=default) | proportional |
| **5** | **5** | | **Pan/Tilt speed , Pan/Tilt time** | |
| | | 0 | Standard mode (0=default) | step |
| | | 1 | Max. Speed Mode | step |
| | | | ***Pan/Tilt speed mode*** | |
| | | 2 - 255 | Speed from max. to min. | proportional |
| | | | ***Pan/Tilt time mode*** | |
| | | 2 - 255 | Time from 0.2 sec. to 25.5 sec. | proportional |
| **6** | **6** | | **Power/Special functions** | |
| | | 0 - 9 | Reserved (0=default) | |
| | | | *To activate following functions , stop in DMX value for at least 3 s and shutter must be closed at least 3 sec. („Shutter,Strobe" channel 37/39 must be at range: 0-31 DMX). Corresponding menu items are temporarily overridden except DMX Input.* | |
| | | 10-14 | DMX input: Wired DMX * | step |
| | | 15-19 | DMX input: Wireless DMX * | step |
| | | | * function is active only10 seconds after switching the fixture on | |
| | | 20-24 | Graphic display: On | step |
| | | 25-29 | Graphic display: Off | step |
| | | 30-49 | Reserved | |
| | | 50-54 | Close proximity mode: On | step |
| | | 55-59 | Close proximity mode: Off | step |
| | | 60-64 | Fans mode: Auto | step |
| | | 65-69 | Fans mode: High | step |
| | | 70-74 | Dimmer curve: Square law | step |
| | | 75-79 | Dimmer curve: Linear | step |
| | | 80-84 | Autofocus: On | step |
| | | 85-89 | Autofocus: Off | step |
| | | 90-94 | Pan/Tilt mode: Speed | step |
| | | 95-99 | Pan/Tilt mode: Time | step |
| | | 100-101 | Blackout while pan/tilt moving | step |
| | | 102-103 | Disabled blackout while pan/tilt moving | step |
| | | 104-105 | Blackout while prism wheel 1 (wheel 2) moving | step |
| | | 106-107 | Disabled blackout while prism wheel 1 (wheel 2) moving | step |
| | | 108-109 | Pan/tilt speed: Maximum | step |
| | | 110-111 | Pan/tilt speed: MegaPointe compatible | step |
| | | 112-113 | Standby mode: On (fixture effects are deactivated, light output is closed) | step |
| | | 114-115 | Standby mode: Off | step |
| | | 116-117 | Pressure test: On ( fixture does not respond to DMX during the test except values 118-119 (Pressure test Off)) | step |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 118-119 | Pressure test: Off | step |
| | | 120-124 | Parking position: On | step |
| | | 125-129 | Parking position: Off | step |
| | | | *To activate following functions, stop in DMX value for at least 3 seconds.* | |
| | | 130-139 | Reserved | |
| | | 140-149 | Pan/Tilt reset | step |
| | | 150-159 | Colour system reset | step |
| | | 160-169 | Gobo wheels reset | step |
| | | 170-179 | Reserved | |
| | | 180-189 | Zoom/focus/frost/prism wheels reset | step |
| | | 190-199 | Effect wheel reset | step |
| | | 200-209 | Total fixture reset | step |
| | | 210-222 | Quiet mode - fan noise control from min. to max. | proportional |
| | | 223 | Quiet mode disabled | step |
| | | | *The following three commands define transition from gobo rotation to gobo indexing:* | |
| | | 224-225 | Gobo indexing: Maximum speed and shortcut | step |
| | | 226-227 | Gobo indexing: Follow speed and direction | step |
| | | 228-229 | Gobo indexing: Maximum speed and follow direction | step |
| | | 230 | Standard Mode (default mode from factory) | step |
| | | 231 | Reduced Mode | step |
| | | 232-239 | Reserved | |
| | | | *The following RoboSpot related commands are only applicable when the RoboSpot is connected:* | |
| | | 240 - 244 | RoboSpot enabled | step |
| | | 245 - 249 | RoboSpot disabled - except handle faders and pan/tilt | step |
| | | 250 - 255 | RoboSpot fully disabled | step |
| * | **7** | | **Advanced features control** | |
| | | 0 | No function (0=default) - *fixture utilizes PWM frequency set in the display menu (item Frequency Setup).* | step |
| | | | PWM output frequency of LEDs | |
| | | | *To select PWM output LED frequency, stop in DMX value for at least 3 seconds. Selected PWM frequency (except 25 kHz) can be fine adjusted in 60 steps up/down around selected PWM frequency (without 3 seconds waiting). Corresponding menu item is temporarily overridden.* | |
| | | 1 | 600 Hz - *factory display menu setting* | step |
| | | 2 | Reserved | |
| | | 3 | 2400 Hz | step |
| | | 4 | Reserved | |
| | | 5 | High (25 kHz) - *cannot be fine adjusted* | step |
| | | 6-8 | Reserved | |
| | | 9 | LED Frequency (step -60) | step |
| | | 10 | LED Frequency (step -59) | step |
| | | 11 | LED Frequency (step -58) | step |
| | | : | : | : |
| | | 66 | LED Frequency (step -3) | step |
| | | 67 | LED Frequency (step -2) | step |
| | | 68 | LED Frequency (step -1) | step |
| | | 69 | Selected LED Frequency *(default for selected frequency)* | step |
| | | 70 | LED Frequency (step +1) | step |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 71 | LED Frequency (step +2) | step |
| | | 72 | LED Frequency (step +3) | step |
| | | : | : | : |
| | | 127 | LED Frequency (step +58) | step |
| | | 128 | LED Frequency (step +59) | step |
| | | 129 | LED Frequency (step +60) | step |
| | | 130-255 | Raw DMX | proportional |
| **7** | **8** | | **Cyan** | |
| | | 0 - 255 | Cyan from min. saturation --> full cyan (0=default) | proportional |
| **8** | **9** | | **Magenta** | |
| | | 0 - 255 | Magenta from min. saturation --> full magenta (0=default) | proportional |
| **9** | **10** | | **Yellow** | |
| | | 0 - 255 | Yellow from min. saturation --> full yellow (0=default) | proportional |
| * | **11** | | **Virtual CTO** | |
| | | | *Channels Cyan, Magenta, Yellow are disabled* | |
| | | 0 - 255 | Colour temperature change from 7 000K --> 2 700K (0=default) | proportional |
| **10** | **12** | | **Colour wheel** | |
| | | | ***Continual positioning*** | |
| | | 0 | Open/white (0=default) | proportional |
| | | 9 | Deep Red | proportional |
| | | 18 | Deep Blue | proportional |
| | | 27 | Yellow | proportional |
| | | 37 | Light green | proportional |
| | | 46 | Magenta | proportional |
| | | 55 | Lavender | proportional |
| | | 64 | Pink | proportional |
| | | 73 | Dark green | proportional |
| | | 82 | CTO 2700K | proportional |
| | | 91 | Blue | proportional |
| | | 101 | Orange | proportional |
| | | 110 | CTO 3200K | proportional |
| | | 119 | UV (Kongo blue) | proportional |
| | | 128-129 | White | step |
| | | | ***Positioning*** | |
| | | 130-134 | Deep Red | step |
| | | 135-138 | Deep Blue | step |
| | | 139-143 | Yellow | step |
| | | 144-147 | Light green | step |
| | | 148-152 | Magenta | step |
| | | 153-157 | Lavender | step |
| | | 158-161 | Pink | step |
| | | 162-166 | Dark green | step |
| | | 167-171 | CTO 2700K | step |
| | | 172-176 | Blue | step |
| | | 177-180 | Orange | step |
| | | 181-185 | CTO 3200K | step |
| | | 186-189 | UV (Kongo blue) | step |
| | | 190 - 215 | Forwards rainbow effect from fast to slow | proportional |
| | | 216 - 217 | No rotation | step |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 218 - 243 | Backwards rainbow effect from slow to fast | proportional |
| | | 244 - 249 | Reserved | |
| | | 250 - 255 | Auto random colour selection from fast to slow | proportional |
| **11** | **13** | | **Colour wheel - fine positioning** | |
| | | 0 - 255 | Fine positioning (0=default) | proportional |
| **12** | **14** | | **Virtual colour wheel** | |
| | | 0 | Open/white (0=default) | step |
| | | 1-2 | Filter 4 (Medium Bastard Amber) | step |
| | | 3-4 | Filter 10 (Medium Yellow) | step |
| | | 5-6 | Filter 19 (Fire) | step |
| | | 7-8 | Filter 26 (Bright Red) | step |
| | | 9-10 | Filter 58 (Lavender) | step |
| | | 11-12 | Filter 68 (Sky Blue) | step |
| | | 13-14 | Filter 71 (Tokyo Blue) | step |
| | | 15-16 | Filter 79 (Just Blue) | step |
| | | 17-18 | Filter 88 (Lime Green) | step |
| | | 19-20 | Filter 90 (Dark Yellow Green) | step |
| | | 21-22 | Filter 100 (Spring Yellow) | step |
| | | 23-24 | Filter 101 (Yellow) | step |
| | | 25-26 | Filter 102 (Light Amber) | step |
| | | 27-28 | Filter 103 (Straw) | step |
| | | 29-30 | Filter 104 (Deep Amber) | step |
| | | 31-32 | Filter 105 (Orange) | step |
| | | 33-34 | Filter 106 (Primary Red) | step |
| | | 35-36 | Filter 111 (Dark Pink) | step |
| | | 37-38 | Filter 115 (Peacock Blue) | step |
| | | 39-40 | Filter 116 (Medium Blue-Green) | step |
| | | 41-42 | Filter 117 (Steel Blue) | step |
| | | 43-44 | Filter 118 (Light Blue) | step |
| | | 45-46 | Filter 119 (Dark Blue) | step |
| | | 47-48 | Filter 120 (Deep Blue) | step |
| | | 49-50 | Filter 121 (Filter Green) | step |
| | | 51-52 | Filter 128 (Bright Pink) | step |
| | | 53-54 | Filter 131 (Marine Blue) | step |
| | | 55-56 | Filter 132 (Medium Blue) | step |
| | | 57-58 | Filter 134 (Golden Amber) | step |
| | | 59-60 | Filter 135 (Deep Golden Amber) | step |
| | | 61-62 | Filter 136 (Pale Lavender) | step |
| | | 63-64 | Filter 137 (Special Lavender) | step |
| | | 65-66 | Filter 138 (Pale Green) | step |
| | | 67-68 | Filter 139 (Primary Green) | step |
| | | 69-70 | Filter 141 (Bright Blue) | step |
| | | 71-72 | Filter 147 (Apricot) | step |
| | | 73-74 | Filter 148 (Bright Rose) | step |
| | | 75-76 | Filter 152 (Pale Gold) | step |
| | | 77-78 | Filter 154 (Pale Rose) | step |
| | | 79-80 | Filter 157 (Pink) | step |
| | | 81-82 | Filter 158 (Deep Orange) | step |
| | | 83-84 | Filter 162 (Bastard Amber) | step |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 85-86 | Filter 164 (Flame Red) | step |
| | | 87-88 | Filter 165 (Daylight Blue) | step |
| | | 89-90 | Filter 169 (Lilac Tint) | step |
| | | 91-92 | Filter 170 (Deep Lavender) | step |
| | | 93-94 | Filter 172 (Lagoon Blue) | step |
| | | 95-96 | Filter 179 (Chrome Orange) | step |
| | | 97-98 | Filter 180 (Dark Lavender) | step |
| | | 99-100 | Filter 181 (Congo Blue) | step |
| | | 101-102 | Filter 197 (Alice Blue) | step |
| | | 103-104 | Filter 201 (Full C.T. Blue) | step |
| | | 105-106 | Filter 202 (Half C.T. Blue) | step |
| | | 107-108 | Filter 203 (Quarter C.T. Blue) | step |
| | | 109-110 | Filter 204 (Full C.T. Orange) | step |
| | | 111-112 | Filter 205 (Half C.T. Orange) | step |
| | | 113-114 | Filter 206 (Quarter C.T. Orange) | step |
| | | 115-116 | Filter 247 (Filter Minus Green) | step |
| | | 117-118 | Filter 248 (Half Minus Green) | step |
| | | 119-120 | Filter 281 (Three Quarter C.T. Blue) | step |
| | | 121-122 | Filter 285 (Three Quarter C.T. Orange) | step |
| | | 123-124 | Filter 352 (Glacier Blue) | step |
| | | 125-126 | Filter 353 (Lighter Blue) | step |
| | | 127-128 | Filter 715 (Cabana Blue) | step |
| | | 129-130 | Filter 778 (Millennium Gold) | step |
| | | 131-132 | Filter 793 (Vanity Fair) | step |
| | | 133-255 | Raw DMX | proportional |
| **13** | **15** | | **Effect Speed** | |
| | | | ***Speed of Cyan/ Magenta/Yellow movement*** | |
| | | 0-255 | Speed of CMY movement from max. to min. (0=default) | proportional |
| **14** | **16** | | **CMY & Colour wheel time** | |
| | | 0 | Function is off (0=default) | step |
| | | 1 - 255 | Time of CMY and col. wheel movement (0.1sec-->25.5sec.) | proportional |
| **15** | **17** | | **Zoom & Focus & Frost & Prism time** | |
| | | 0 | Function is off (0=default) | step |
| | | 1 - 255 | Time of zoom/ focus movement (0.1 sec-->25.5 sec.) | proportional |
| | | 1-100 | Time of frost movement (0.1 sec -->10 sec) | proportional |
| | | 1-50 | Time of prism movement (0.1 sec-->5 sec.) | proportional |
| **16** | **18** | | **Effect wheel positioning** | |
| | | 0-19 | No function (0=default) | step |
| | | 20-127 | Proportional indexing | proportional |
| | | 128-170 | Ramping from open to full position ( max--->min. speed) | proportional |
| | | 171-213 | Ramping from open to half position ( max. --->min. speed) | proportional |
| | | 214-255 | Ramp. from half position to full position ( max. --->min. speed) | proportional |
| **17** | **19** | | **Effect wheel rotation** | |
| | | 0 | No rotation | step |
| | | 1 - 127 | Forwards rotation from fast to slow | proportional |
| | | 128 | No rotation (128=default) | step |
| | | 129 -255 | Backwards rotation from slow to fast | proportional |
| **18** | **20** | | **Effect wheel animations** | |
| | | 0-3 | No animation (0=default) | |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | | **Note :** All animations were created at distance of 5 m from screen with zoom=61 DMX. Focus value for each animation is stated in brackets | |
| | | | ***Coloured animations.*** *The channels are blocked: CMY , Colour wheel, Virtual colour wheel, Effect wheel positioning, Effect wheel rot., Rotat. Gobos and Rot. Gobo rotation* | |
| | | 4-5 | Animation Macro 1 (Focus=218 DMX at 5 m) | step |
| | | 6-7 | Animation Macro 2 (Focus=169 DMX at 5 m) | step |
| | | 8-9 | Animation Macro 3 (Focus=163 DMX at 5 m) | step |
| | | 10-11 | Animation Macro 4 (Focus=175 DMX at 5 m) | step |
| | | 12-13 | Animation Macro 5 (Focus=163 DMX at 5 m) | step |
| | | 14-15 | Animation Macro 6 (Focus=163DMX at 5 m ) | step |
| | | 16-17 | Animation Macro 7 (Focus=164 DMX at 5 m) | step |
| | | 18-19 | Animation Macro 8 (Focus=182 DMX at 5 m) | step |
| | | 20-21 | Animation Macro 9 (Focus=163 DMX at 5 m) | step |
| | | 22-23 | Animation Macro 10 (Focus=170 DMX at 5m ) | step |
| | | | ***Black and white animations*** *. The channels are blocked: Effect wheel positioning, Effect wheel rot., Rotat. Gobos and Rot. Gobo rotation* | |
| | | 24-25 | Animation Macro 1 (Focus=218 DMX at 5 m) | step |
| | | 26-27 | Animation Macro 2 (Focus=169 DMX at 5 m) | step |
| | | 28-29 | Animation Macro 3 (Focus=163 DMX at 5 m) | step |
| | | 30-31 | Animation Macro 4 (Focus=175 DMX at 5 m) | step |
| | | 32-33 | Animation Macro 5 (Focus=163 DMX at 5 m) | step |
| | | 34-35 | Animation Macro 6 (Focus=163 DMX at 5 m ) | step |
| | | 36-37 | Animation Macro 7 (Focus=164 DMX at 5 m) | step |
| | | 38-39 | Animation Macro 8 (Focus=182 DMX at 5 m) | step |
| | | 40-41 | Animation Macro 9 (Focus=163 DMX at 5 m) | step |
| | | 42-43 | Animation Macro 10 (Focus=170 DMX at 5m ) | step |
| | | 44-255 | Raw DMX | proportional |
| **19** | **21** | | **Static gobo wheel** | |
| | | 0-3 | Open/Hole (0=default) | step |
| | | | ***Positioning*** | |
| | | 4-9 | Gobo 1 | step |
| | | 10-15 | Gobo 2 | step |
| | | 16-21 | Gobo 3 | step |
| | | 22-27 | Gobo 4 | step |
| | | 28-33 | Gobo 5 | step |
| | | 34-39 | Gobo 6 | step |
| | | 40-45 | Gobo 7 | step |
| | | 46-51 | Gobo 8 | step |
| | | 52-57 | Gobo 9 | step |
| | | 58-63 | Gobo 10 | step |
| | | 64-69 | Beam reducer 1 | step |
| | | 70-75 | Beam reducer 2 | step |
| | | 76-81 | Beam reducer 3 | step |
| | | 82-87 | Open/Hole | step |
| | | | ***Shaking gobos from slow to fast*** | |
| | | 88-95 | Gobo 1 | proportional |
| | | 96-103 | Gobo 2 | proportional |
| | | 104-111 | Gobo 3 | proportional |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 112-119 | Gobo 4 | proportional |
| | | 120-127 | Gobo 5 | proportional |
| | | 128-135 | Gobo 6 | proportional |
| | | 136-143 | Gobo 7 | proportional |
| | | 144-151 | Gobo 8 | proportional |
| | | 152-159 | Gobo 9 | proportional |
| | | 160-167 | Gobo 10 | proportional |
| | | 168-175 | Beam reducer 1 | proportional |
| | | 176-183 | Beam reducer 2 | proportional |
| | | 184-191 | Beam reducer 3 | proportional |
| | | 192-199 | Open/Hole (shaking) | proportional |
| | | 200-201 | Open/Hole | step |
| | | 202 - 222 | Forwards gobo wheel rotation from fast to slow | proportional |
| | | 223 - 243 | Backwards gobo wheel rotation from slow to fast | proportional |
| | | 244 - 249 | Reserved | |
| | | 250 - 255 | Auto random gobo selection from fast to slow | proportional |
| **20** | **22** | | **Rotating gobo wheel** | |
| | | | ***Positioning*** | |
| | | | ***Index - set indexing on channel 21/23*** | |
| | | 0 | Open/Hole (0=default) | step |
| | | 1-4 | Hole (flat field) | step |
| | | 5-7 | Gobo 1 | step |
| | | 8-10 | Gobo 2 | step |
| | | 11-13 | Gobo 3 | step |
| | | 14-16 | Gobo 4 | step |
| | | 17-19 | Gobo 5 | step |
| | | 20-22 | Gobo 6 | step |
| | | 23-25 | Gobo 7 | step |
| | | 26-28 | Gobo 8 | step |
| | | 29-31 | Gobo 9 | step |
| | | | ***Rotation - set rotation on channel 21/23*** | |
| | | 32-34 | Gobo 1 | step |
| | | 35-37 | Gobo 2 | step |
| | | 38-40 | Gobo 3 | step |
| | | 41-43 | Gobo 4 | step |
| | | 44-46 | Gobo 5 | step |
| | | 47-49 | Gobo 6 | step |
| | | 50-52 | Gobo 7 | step |
| | | 53-55 | Gobo 8 | step |
| | | 56-59 | Gobo 9 | step |
| | | | ***Shaking gobo from slow to fast*** | |
| | | | ***Index - set indexing on channel 21/23*** | |
| | | 60-67 | Gobo 1 | proportional |
| | | 68-75 | Gobo 2 | proportional |
| | | 76-83 | Gobo 3 | proportional |
| | | 84-91 | Gobo 4 | proportional |
| | | 92-99 | Gobo 5 | proportional |
| | | 100-107 | Gobo 6 | proportional |
| | | 108-115 | Gobo 7 | proportional |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 116-123 | Gobo 8 | proportional |
| | | 124-129 | Gobo 9 | proportional |
| | | | ***Shaking gobo from slow to fast*** | |
| | | | ***Rotation - set rotation on channel 21/23*** | |
| | | 130-137 | Gobo 1 | proportional |
| | | 138-145 | Gobo 2 | proportional |
| | | 146-153 | Gobo 3 | proportional |
| | | 154-161 | Gobo 4 | proportional |
| | | 162-169 | Gobo 5 | proportional |
| | | 170-177 | Gobo 6 | proportional |
| | | 178-185 | Gobo 7 | proportional |
| | | 186-193 | Gobo 8 | proportional |
| | | 194-199 | Gobo 9 | proportional |
| | | 200 - 201 | Open/Hole | step |
| | | 202 - 222 | Forwards gobo wheel rotation from fast to slow | proportional |
| | | 223 - 243 | Backwards gobo wheel rotation from slow to fast | proportional |
| | | 244 - 249 | Reserved | |
| | | 250 - 255 | Auto random gobo selection from fast to slow | proportional |
| **21** | **23** | | **Rot. gobo indexing and rotation** | |
| | | | ***Gobo indexing - set position on channel 20/22*** | |
| | | 0 - 255 | Gobo indexing | proportional |
| | | | ***Gobo rotation - set position on channel 20/22*** | |
| | | 0 | No rotation | step |
| | | 1 - 127 | Gobo rotation from fast to slow - CW (clockwise)** | proportional |
| | | 128 | No rotation (128=default) | step |
| | | 129 - 255 | Gobo rotation from slow to fast - CCW (counterclockwise)** | proportional |
| **22** | **24** | | **Rot. gobo indexing/rotation - fine** | |
| | | 0-255 | Fine indexing/rotation (0=default) | proportional |
| **23** | **25** | | **Prism wheel 1** | |
| | | | *Note: This wheel is blocked If Rotating gobo wheel DMX value >0* | |
| | | 0 - 3 | Open position/hole (0=default) | step |
| | | | ***Index - set indexing on channel 24/26*** | |
| | | 4-7 | Prism 1 - 6-facet linear | step |
| | | 8-11 | Prism 2 - cylindrical | step |
| | | 12-15 | Prism 3 - 8-facet 12° circular | step |
| | | | ***Rotation - set rotation on channel 24/26*** | |
| | | 16-19 | Prism 1 - 6-facet linear | step |
| | | 20-23 | Prism 2 - cylindrical | step |
| | | 24-27 | Prism 3 - 8-facet 12° circular | step |
| | | 28-255 | Raw DMX | proportional |
| **24** | **26** | | **Prism wheel 1 indexing/rotation** | |
| | | | ***Prism indexing - set position on channel 23/25*** | |
| | | 0 - 255 | Prism 1 indexing | proportional |
| | | | ***Prism 1 rotation - set position on channel 23/25*** | |
| | | 0 | No rotation | step |
| | | 1 - 127 | Prism rotation from fast to slow - CW (clockwise)** | proportional |
| | | 128 | No rotation (128=default) | step |
| | | 129-255 | Prism rotation from slow to fast - CCW (counterclockwise)** | proportional |
| **25** | **27** | | **Prism wheel 2** | |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 0 - 3 | Open position/hole (0=default) | step |
| | | | *Note: type of image projection(special, center) only applies to rotating gobos.* | |
| | | | ***Index - set indexing on channel 26/28*** | |
| | | 4-5 | Prism 1 - 6-facet linear multicoloured-spacial | step |
| | | 6-7 | Prism 1 - 6-facet linear multicoloured- center | step |
| | | 8-9 | Prism 2 - 32-facet circular-spacial | step |
| | | 10-11 | Prism 2 - 32-facet circular-center | step |
| | | 12-13 | Prism 3 - 8-facet 18° circular-spacial | step |
| | | 14-15 | Prism 3 - 8-facet 18° circular-center | step |
| | | | ***Rotation - set rotation on channel 26/28*** | |
| | | 16-17 | Prism 1 - 6-facet linear multicoloured-spacial | step |
| | | 18-19 | Prism 1 - 6-facet linear multicoloured- center | step |
| | | 20-21 | Prism 2 - 32-facet circular-spacial | step |
| | | 22-23 | Prism 2 - 32-facet circular-center | step |
| | | 24-25 | Prism 3 - 8-facet 18° circular-spacial | step |
| | | 26-27 | Prism 3 - 8-facet 18° circular-center | step |
| | | 28-255 | Raw DMX | proportional |
| **26** | **28** | | **Prism wheel 2 indexing/rotation** | |
| | | | ***Prism indexing - set position on channel 25/27*** | |
| | | 0 - 255 | Prism 1 indexing | proportional |
| | | | ***Prism 1 rotation - set position on channel 25/27*** | |
| | | 0 | No rotation | step |
| | | 1 - 127 | Prism rotation from fast to slow - CW (clockwise)** | proportional |
| | | 128 | No rotation (128=default) | step |
| | | 129-255 | Prism rotation from slow to fast - CCW (counterclockwise)** | proportional |
| **27** | **29** | | **SpektraBeam** | |
| | | | *The following channels are blocked: Prism Wheel 1/2, Prism Wheel 1/2 rot. Hot-spot/Flat field control* | |
| | | 0-3 | Open position/hole (0=default) | step |
| | | | ***Index - set indexing on channel 28/30*** | |
| | | 4-5 | Effect 1 | step |
| | | 6-7 | Effect 2 | step |
| | | 8-9 | Effect 3 | step |
| | | 10-11 | Effect 4 | step |
| | | 12-13 | Effect 5 | step |
| | | 14-15 | Effect 6 | step |
| | | 16-17 | Effect 7 | step |
| | | 18-19 | Effect 8 | step |
| | | 20-21 | Effect 9 | step |
| | | 22-23 | Effect 10 | step |
| | | 24-25 | Effect 11 | step |
| | | 26-27 | Effect 12 | step |
| | | | ***Rotation - set rotation on channel 28/30*** | |
| | | 28-29 | Effect 1 | step |
| | | 30-31 | Effect 2 | step |
| | | 32-33 | Effect 3 | step |
| | | 34-35 | Effect 4 | step |
| | | 36-37 | Effect 5 | step |
| | | 38-39 | Effect 6 | step |

| **Mode/**Total channels | | **DMX** | **Function** | **Type of** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | **Value** | | **control** |
| | | 40-41 | Effect 7 | step |
| | | 42-43 | Effect 8 | step |
| | | 44-45 | Effect 9 | step |
| | | 46-47 | Effect 10 | step |
| | | 48-49 | Effect 11 | step |
| | | 50-51 | Effect 12 | step |
| | | | ***Dynamic effects-set rotation on channel 28/30*** | |
| | | 52-53 | Effect 13 | step |
| | | 54-55 | Effect 14 | step |
| | | 56-57 | Effect 15 | step |
| | | 58-59 | Effect 16 | step |
| | | 60-61 | Effect 17 | step |
| | | 62-63 | Effect 18 | step |
| | | 64-65 | Effect 19 | step |
| | | 66-67 | Effect 20 | step |
| | | | *The following channels are blocked: Prism Wheel 2, Prism Wheel 2 rot., Rot. Gobo wheel, Rot. Gobo rotation, Hot-spot/Flat field control* | |
| | | | ***Glint effects*** | |
| | | 68-69 | Glint Effect 21 | step |
| | | 70-71 | Glint Effect 22 | step |
| | | 72-73 | Glint Effect 23 | step |
| | | 74-75 | Glint Effect 24 | step |
| | | 76-77 | Glint Effect 25 | step |
| | | 78-79 | Glint Effect 26 | step |
| | | 80-81 | Glint Effect 27 | step |
| | | 82-83 | Glint Effect 28 | step |
| | | 84-85 | Glint Effect 29 | step |
| | | 86-87 | Glint Effect 30 | step |
| | | 88-89 | Glint Effect 31 | step |
| | | 90-91 | Glint Effect 32 | step |
| | | 92-93 | Glint Effect 33 | step |
| | | 94-95 | Glint Effect 34 | step |
| | | 96-97 | Glint Effect 35 | step |
| | | 98-99 | Glint Effect 36 | step |
| | | 100-255 | Raw DMX | proportional |
| **28** | **30** | | **SpektraBeam rotation and indexing** | |
| | | | *The channels are blocked: Prism Wheel 1/2, Prism Wheel 1/2 rot.* | |
| | | | ***SpektraBeam effect indexing - set position on channel 27/29*** | |
| | | 0 - 255 | SpektraBeam effect indexing | proportional |
| | | | ***SpektraBeam effect rotation - set position on channel 27/29*** | |
| | | 0 | No rotation | step |
| | | 1 - 127 | SpektraBeam effect rotation from fast to slow - CW (clockwise)** | proportional |
| | | 128 | No rotation (128=default) | step |
| | | 129-255 | SpektraBeam effect rotation from slow to fast - CCW (counterclockwise)** | proportional |
| **29** | **31** | | **Beam shaper selection** | |
| | | | *The channels are blocked: Pris.Wheel 1 and 2, Static gobo, Rotating gobo, Frost* | |
| | | 0 - 3 | Open position/hole (0=default) | step |
| | | | ***Index - set indexing on channel 30/32*** | |
| | | 4-7 | Beam shaper 1 | step |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 8-11 | Beam shaper 2 | step |
| | | 12-15 | Beam shaper 3 | step |
| | | 16-19 | Beam shaper 4 | step |
| | | | ***Rotation - set rotation on channel 30/32*** | |
| | | 20-23 | Beam shaper 1 | step |
| | | 24-27 | Beam shaper 2 | step |
| | | 28-31 | Beam shaper 3 | step |
| | | 32-35 | Beam shaper 4 | step |
| | | 36-255 | Reserved | |
| **30** | **32** | | **Beam shaper rotation and indexing** | |
| | | | ***Beam shaper indexing - set position on channel 29/31*** | |
| | | 0 - 255 | Beam shaper indexing | proportional |
| | | | ***Beam shaper rotation - set position on channel 29/31*** | |
| | | 0 | No rotation | step |
| | | 1 - 127 | Forwards beam shaper rotation from fast to slow | proportional |
| | | 128 | No rotation (128=default) | step |
| | | 129-255 | Backwards beam shaper rotation from slow to fast | proportional |
| **31** | **33** | | **Frost** | |
| | | 0 | Open (0=default) | step |
| | | | ***Light Frost*** | |
| | | | *Note: Light Frost and Prism weeel 2 cannot be inserted into light beam at the same time . The Prism wheel 2 has priority to Light Frost.* | |
| | | 1-50 | Light Frost from 0% to 100% | proportional |
| | | 51-53 | 100% Light Frost | step |
| | | 54-63 | Pulse closing from slow to fast | proportional |
| | | 64-73 | Pulse opening from fast to slow | proportional |
| | | 74-83 | Ramping from fast to slow | proportional |
| | | 84-86 | Open | step |
| | | | ***Medium Frost*** | |
| | | | *Note: Medium Frost and Prism weeel 2 cannot be inserted into light beam at the same time . The Prism wheel 2 hase priority to Medium Frost.* | |
| | | 87-136 | Medium Frost from 0% to 100% | proportional |
| | | 137-139 | 100% Medium Frost | step |
| | | 140-149 | Pulse closing from slow to fast | proportional |
| | | 150-159 | Pulse opening from fast to slow | proportional |
| | | 160-169 | Ramping from fast to slow | proportional |
| | | 170-172 | Open | step |
| | | | ***Combined Frost*** | |
| | | | *Note: Combined Frost and Prism weeel 1 or Prism wheel 2 cannot be inserted into light beam at the same time . The Prism wheel 1/Prism wheel 2 have priority to Combined Frost.* | |
| | | 173-222 | Medium Frost from 0% to 100% (Light Frost inserted) | proportional |
| | | 223-225 | 100% Medium Frost (Light Frost inserted) | step |
| | | 226-235 | Pulse closing from slow to fast | proportional |
| | | 236-245 | Pulse opening from fast to slow | proportional |
| | | 246-255 | Ramping from fast to slow | proportional |
| **32** | **34** | | **Zoom** | |
| | | 0 - 255 | Zoom from max. to min.beam angle (128=default) | proportional |
| **33** | **35** | | **Zoom - fine** | |

| **Mode/**Total channels | | **DMX Value** | **Function** | **Type of control** |
|---|---|---|---|---|
| **1**/39 | **2/**41 | | | |
| | | 0-255 | Fine zooming (0=default) | proportional |
| **34** | **36** | | **Focus** | |
| | | 0 - 255 | Continuous focus adjustment (128=default) | proportional |
| **35** | **37** | | **Focus Fine** | |
| | | 0- 255 | Fine focusing (0=default) | proportional |
| **36** | **38** | | **Hot-Spot/Flat field control** | |
| | | 0 | Automatic Hot-spot/Flat field control (0=default) | step |
| | | 0-8 | Automatic Hot-spot/Flat field control* | step |
| | | | ** Only in Reduced Mode and Beam application (Beam application =Rotating gobo wheel DMX value is set to 0).* | |
| | | 1-4 | Max. Hot-spot/Intensity | step |
| | | 5-8 | Medium Hot-spot/Intensity | step |
| | | 9-12 | Max. Flat field | step |
| | | 13-255 | Automatic Hot-spot/Flat field control | step |
| **37** | **39** | | **Shutter/ strobe** | |
| | | 0 - 31 | Shutter closed | step |
| | | 32 - 63 | Shutter open (32=default) | step |
| | | 64 - 95 | Strobe-effect from slow to fast | proportional |
| | | 96 - 127 | Shutter open | step |
| | | 128 - 143 | Opening pulse in sequences from slow to fast | proportional |
| | | 144 - 159 | Closing pulse in sequences from fast to slow | proportional |
| | | 160 - 191 | Shutter open | step |
| | | 192 - 223 | Random strobe-effect from slow to fast | proportional |
| | | 224 - 255 | Shutter open, Full lamp power | step |
| **38** | **40** | | **Dimmer intensity** | |
| | | 0 - 255 | Dimmer intensity from 0% to 100% (0=default) | proportional |
| **39** | **41** | | **Dimmer intensity - fine** | |
| | | 0 - 255 | Fine dimming (0=default) | proportional |

** CW and CCW rotation is determined from the perspective of the fixture's mounting point, looking along the projected beam's directon



All Specifications subject to change without notice