Robe Lighting

Robin GigaPointe



Manufacturer	**Robe Lighting**
Type	**Laser**
DMX modes	**2**
DMX footprint	**39, 41 channels**
Beam angle	**1.8-42°**
Pan range	**540°**
Tilt range	**263.6°**
Size (W × H × D)	**310 × 467 × 259 mm**
GDTF fixture type	**70B67EC3-AD1D-40F2-A909-12…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Laser output · Fixture reset · Service functions

DMX modes

Mode 1 - MegaPointe	39 ch
Mode 2 - Advanced	41 ch

Mode 1 - MegaPointe

39 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max Speed Mode 2–254 Time from min to Max Speed from max to min 255–255 Min Speed Mode
6	Control1	0	0–9 No function 10–14 DMX input: Wired DMX 15–19 DMX input: Wireless DMX 20–24 Graphic display On 25–29 Graphic display Off 30–49 NoFeature 1 50–54 ON Close proximity 55–59 OFF Close proximity 60–64 Fans mode: Auto 65–69 Fans mode: High 70–74 Dimmer curve: Square law 75–79 Dimmer curve: Linear 80–84 Autofocus On 85–89 Autofocus Off 90–94 Pan/Tilt speed mode 95–99 Pan/Tilt time mode 100–101 Blackout while pan/tilt moving 102–103 Disabled blackout while pan/tilt moving 104–105 Blackout while prism wheel 1 (wheel 2) moving 106–107 Disabled blackout while prism wheel 1 (wheel 2) m… 108–109 Maximum Speed 110–111 Megapointe Compatible 112–113 ON-Standby 114–115 OFF-Standby 116–117 Pressure test ON 118–119 Pressure test OFF 120–124 Parking position On 125–129 Parking position Off 130–139 No function 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Gobo wheels reset 170–179 No function 180–189 Zoom/focus/frost/prism wheels reset 190–199 Effect wheel reset 200–209 Total reset 210–222 Quiet mode - fan noise min to max 223–223 Quiet mode disabled 224–225 Gobo indexing: Maximum speed and shortcut 226–227 Gobo indexing: Follow speed and follow direction 228–229 Gobo indexing: Maximum speed and follow directi… 230–230 Standard mode 231–231 Reduced mode 232–239 NoFeature 3 240–244 RoboSpot enabled 245–249 RoboSpot disabled - except handle faders and pan… 250–255 RoboSpot fully disabled except pan/tilt
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	

Mode 1 - MegaPointe (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–8 Open/White - Positioning (wheel slot 1) 9–18 Deep Red - Positioning (wheel slot 2) 19–26 Deep Blue - Positioning (wheel slot 3) 27–36 Yellow - Positioning (wheel slot 4) 37–46 Light green - Positioning (wheel slot 5) 47–54 Magenta - Positioning (wheel slot 6) 55–63 Lavender - Positioning (wheel slot 7) 64–72 Pink - Positioning (wheel slot 8) 73–81 Dark green - Positioning (wheel slot 9) 82–90 CTO 2700K - Positioning (wheel slot 10) 91–100 Blue - Positioning (wheel slot 11) 101–109 Orange - Positioning (wheel slot 12) 110–118 CTO 3200K - Positioning (wheel slot 13) 119–127 UV (Kongo blue) - Positioning (wheel slot 14) 128–129 Open/White (1) - Positioning (wheel slot 1) 130–134 Deep Red - Indexing (wheel slot 2) 135–138 Deep Blue - Indexing (wheel slot 3) 139–143 Yellow - Indexing (wheel slot 4) 144–147 Light green - Indexing (wheel slot 5) 148–152 Magenta - Indexing (wheel slot 6) 153–157 Lavender - Indexing (wheel slot 7) 158–161 Pink - Indexing (wheel slot 8) 162–166 Dark green - Indexing (wheel slot 9) 167–171 CTO 2700K - Indexing (wheel slot 10) 172–176 Blue - Indexing (wheel slot 11) 177–180 Orange - Indexing (wheel slot 12) 181–185 CTO 3200K - Indexing (wheel slot 13) 186–189 UV (Kongo blue) - Indexing (wheel slot 14) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Reserved 250–254 fast 255–255 slow
11	Color Wheel Fine	0	Fine byte of Color Wheel

Mode 1 - MegaPointe (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–2 Filter 4 (Medium Bastard Amber) (wheel slot 2) 3–4 Filter 10 (Medium Yellow) (wheel slot 3) 5–6 Filter 19 (Fire) (wheel slot 4) 7–8 Filter 26 (Bright Red) (wheel slot 5) 9–10 Filter 58 (Lavender) (wheel slot 6) 11–12 Filter 68 (Sky Blue) (wheel slot 7) 13–14 Filter 71 (Tokyo Blue) (wheel slot 8) 15–16 Filter 79 (Just Blue) (wheel slot 9) 17–18 Filter 88 (Lime Green) (wheel slot 10) 19–20 Filter 90 (Dark Yellow Green) (wheel slot 11) 21–22 Filter 100 (Spring Yellow) (wheel slot 12) 23–24 Filter 101 (Yellow) (wheel slot 13) 25–26 Filter 102 (Light Amber) (wheel slot 14) 27–28 Filter 103 (Straw) (wheel slot 15) 29–30 Filter 104 (Deep Amber) (wheel slot 16) 31–32 Filter 105 (Orange) (wheel slot 17) 33–34 Filter 106 (Primary Red) (wheel slot 18) 35–36 Filter 111 (Dark Pink) (wheel slot 19) 37–38 Filter 115 (Peacock Blue) (wheel slot 20) 39–40 Filter 116 (Medium Blue - Green) (wheel slot 21) 41–42 Filter 117 (Steel Blue) (wheel slot 22) 43–44 Filter 118 (Light Blue) (wheel slot 23) 45–46 Filter 119 (Dark Blue) (wheel slot 24) 47–48 Filter 120 (Deep Blue) (wheel slot 25) 49–50 Filter 121 (Filter Green) (wheel slot 26) 51–52 Filter 128 (Bright Pink) (wheel slot 27) 53–54 Filter 131 (Marine Blue) (wheel slot 28) 55–56 Filter 132 (Medium Blue) (wheel slot 29) 57–58 Filter 134 (Golden Amber) (wheel slot 30) 59–60 Filter 135 (Deep Golden Amber) (wheel slot 31) 61–62 Filter 136 (Pale Lavender) (wheel slot 32) 63–64 Filter 137 (Special Lavender) (wheel slot 33) 65–66 Filter 138 (Pale Green) (wheel slot 34) 67–68 Filter 139 (Primary Green) (wheel slot 35) 69–70 Filter 141 (Bright Blue) (wheel slot 36) 71–72 Filter 147 (Apricot) (wheel slot 37) 73–74 Filter 148 (Bright Rose) (wheel slot 38) 75–76 Filter 152 (Pale Gold) (wheel slot 39) 77–78 Filter 154 (Pale Rose) (wheel slot 40) 79–80 Filter 157 (Pink) (wheel slot 41) 81–82 Filter 158 (Deep Orange) (wheel slot 42) 83–84 Filter 162 (Bastard Amber) (wheel slot 43) 85–86 Filter 164 (Flame Red) (wheel slot 44) 87–88 Filter 165 (Daylight Blue) (wheel slot 45) 89–90 Filter 169 (Lilac Tint) (wheel slot 46) 91–92 Filter 170 (Deep Lavender) (wheel slot 47) 93–94 Filter 172 (Lagoon Blue) (wheel slot 48) 95–96 Filter 179 (Chrome Orange) (wheel slot 49) 97–98 Filter 180 (Dark Lavender) (wheel slot 50) 99–100 Filter 181 (Congo Blue) (wheel slot 51) 101–102 Filter 197 (Alice Blue) (wheel slot 52) 103–104 Filter 201 (Full CT Blue) (wheel slot 53) 105–106 Filter 202 (Half CT Blue) (wheel slot 54) 107–108 Filter 203 (Quarter CT Blue) (wheel slot 55) 109–110 Filter 204 (Full CT Orange) (wheel slot 56) 111–112 Filter 205 (Half CT Orange) (wheel slot 57) 113–114 Filter 206 (Quarter CT Orange) (wheel slot 58) 115–116 Filter 247 (Filter Minus Green) (wheel slot 59) 117–118 Filter 248 (Half Minus Green) (wheel slot 60) 119–120 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 121–122 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 123–124 Filter 352 (Glacier Blue) (wheel slot 63) 125–126 Filter 353 (Lighter Blue) (wheel slot 64)

Mode 1 - MegaPointe (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	
14	Color Wheel Select MSpeed	0	0–0 Function is off 1–254 slow 255–255 fast
15	Focus MSpeed	0	0–0 Function is off 1–254 slow 255–255 fast
16	Animation Wheel1	0	0–19 Open (wheel slot 1) 20–126 Proportional indexing min (wheel slot 2) 127–127 Proportional indexing max (wheel slot 2) 128–169 Ramping from open to full position max (wheel slo... 170–170 Ramping from open to full position min (wheel slo... 171–212 Ramping from open to half position max (wheel sl... 213–213 Ramping from open to half position min (wheel sl... 214–254 Ramp from half position to full position max (whe... 255–255 Ramp from half position to full position min (whee...
17	Animation Wheel1Pos	128	0–0 No rotation (wheel slot 2) 1–124 CW rotation - Fast (wheel slot 2) 125–127 CW rotation - Slow (wheel slot 2) 128–128 No rotation (wheel slot 2) 129–232 CCW rotation - Slow (wheel slot 2) 233–255 CCW rotation - Fast (wheel slot 2)
18	Animation Wheel1Select Effects	0	0–3 No animation 4–5 Animation Macro 1 (Focus=159 DMX at 5 m) 6–7 Animation Macro 2 (Focus=154 DMX at 5 m) 8–9 Animation Macro 3 (Focus=154 DMX at 5 m) 10–11 Animation Macro 4 (Focus=157 DMX at 5 m) 12–13 Animation Macro 5 (Focus=157 DMX at 5 m) 14–15 Animation Macro 6 (Focus=166DMX at 5 m) 16–17 Animation Macro 7 (Focus=145 DMX at 5 m) 18–19 Animation Macro 8 (Focus=162 DMX at 5 m) 20–21 Animation Macro 9 (Focus=162 DMX at 5 m) 22–23 Animation Macro 10 (Focus=162 DMX at 5m) 24–25 Animation Macro 1 (Focus=159 DMX at 5 m) 26–27 Animation Macro 2 (Focus=154 DMX at 5 m) 28–29 Animation Macro 3 (Focus=154 DMX at 5 m) 30–31 Animation Macro 4 (Focus=157 DMX at 5 m) 32–33 Animation Macro 5 (Focus=157 DMX at 5 m) 34–35 Animation Macro 6 (Focus=166DMX at 5 m) 36–37 Animation Macro 7 (Focus=145 DMX at 5 m) 38–39 Animation Macro 8 (Focus=162 DMX at 5 m) 40–41 Animation Macro 9 (Focus=162 DMX at 5 m) 42–43 Animation Macro 10 (Focus=162 DMX at 5m) 44–255 Raw DMX

Mode 1 - MegaPointe (continued)

Ch	Function	Default	DMX values
19	Gobo	0	0–3 Open/Hole (wheel slot 1) 4–9 Gobo 1 (wheel slot 2) 10–15 Gobo 2 (wheel slot 3) 16–21 Gobo 3 (wheel slot 4) 22–27 Gobo 4 (wheel slot 5) 28–33 Gobo 5 (wheel slot 6) 34–39 Gobo 6 (wheel slot 7) 40–45 Gobo 7 (wheel slot 8) 46–51 Gobo 8 (wheel slot 9) 52–57 Gobo 9 (wheel slot 10) 58–63 Gobo 10 (wheel slot 11) 64–69 Beam reducer 1 (wheel slot 12) 70–75 Beam reducer 2 (wheel slot 13) 76–81 Beam reducer 3 (wheel slot 14) 82–87 Open (wheel slot 15) 88–95 Gobo 1 (wheel slot 2) 96–103 Gobo 2 (wheel slot 3) 104–111 Gobo 3 (wheel slot 4) 112–119 Gobo 4 (wheel slot 5) 120–127 Gobo 5 (wheel slot 6) 128–135 Gobo 6 (wheel slot 7) 136–143 Gobo 7 (wheel slot 8) 144–151 Gobo 8 (wheel slot 9) 152–159 Gobo 9 (wheel slot 10) 160–167 Gobo 10 (wheel slot 11) 168–175 Beam reducer 1 (wheel slot 12) 176–183 Beam reducer 2 (wheel slot 13) 184–191 Beam reducer 3 (wheel slot 14) 192–199 Beam reducer 4 (wheel slot 15) 200–201 Open/hole (wheel slot 1) 202–220 Fast to slow - Fast 221–222 Fast to slow - Slow 223–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random gobo selection by audio control 250–250 Auto random gobo selection fast 251–254 Auto random gobo selection from fast to slow 255–255 Auto random gobo selection slow

Mode 1 - MegaPointe (continued)

Ch	Function	Default	DMX values
20	Gobo 2	0	0–0 Open/Hole (wheel slot 1) 1–4 Hole (flat field) (wheel slot 1) 5–7 Gobo 1 (wheel slot 2) 8–10 Gobo 2 (wheel slot 3) 11–13 Gobo 3 (wheel slot 4) 14–16 Gobo 4 (wheel slot 5) 17–19 Gobo 5 (wheel slot 6) 20–22 Gobo 6 (wheel slot 7) 23–25 Gobo 7 (wheel slot 8) 26–28 Gobo 8 (wheel slot 9) 29–31 Gobo 9 (wheel slot 10) 32–34 Gobo 1 - Rotation (wheel slot 2) 35–37 Gobo 2 - Rotation (wheel slot 3) 38–40 Gobo 3 - Rotation (wheel slot 4) 41–43 Gobo 4 - Rotation (wheel slot 5) 44–46 Gobo 5 - Rotation (wheel slot 6) 47–49 Gobo 6 - Rotation (wheel slot 7) 50–52 Gobo 7 - Rotation (wheel slot 8) 53–55 Gobo 8 - Rotation (wheel slot 9) 56–59 Gobo 9 - Rotation (wheel slot 10) 60–67 Gobo 1 - Shaking Index (wheel slot 2) 68–75 Gobo 2 - Shaking Index (wheel slot 3) 76–83 Gobo 3 - Shaking Index (wheel slot 4) 84–91 Gobo 4 - Shaking Index (wheel slot 5) 92–99 Gobo 5 - Shaking Index (wheel slot 6) 100–107 Gobo 6 - Shaking Index (wheel slot 7) 108–115 Gobo 7 - Shaking Index (wheel slot 8) 116–123 Gobo 8 - Shaking Index (wheel slot 9) 124–129 Gobo 9 - Shaking Index (wheel slot 10) 130–137 Gobo 1 - Shaking Rotation (wheel slot 2) 138–145 Gobo 2 - Shaking Rotation (wheel slot 3) 146–153 Gobo 3 - Shaking Rotation (wheel slot 4) 154–161 Gobo 4 - Shaking Rotation (wheel slot 5) 162–169 Gobo 5 - Shaking Rotation (wheel slot 6) 170–177 Gobo 6 - Shaking Rotation (wheel slot 7) 178–185 Gobo 7 - Shaking Rotation (wheel slot 8) 186–193 Gobo 8 - Shaking Rotation (wheel slot 9) 194–199 Gobo 9 - Shaking Rotation (wheel slot 10) 200–201 Open/Hole (wheel slot 1) 202–220 Fast to slow - Fast 221–222 Fast to slow - Slow 223–242 Slow to fast - Slow 243–243 Slow to fast - Fast 244–249 Random gobo selection by audio control 250–250 Auto random gobo selection fast 251–254 Auto random gobo selection from fast to slow 255–255 Auto random gobo selection slow
21	Gobo Rotation 2	128	0–0 Gobo indexing min 1–123 CW rotation - Fast 124–127 CW rotation - Slow 128–128 Gobo indexing center 129–231 CCW rotation - Slow 232–255 CCW rotation - Fast
22	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
23	Prism	0	0–3 Open position/hole (wheel slot 1) 4–7 P1 - 6 facet linear (wheel slot 2) 8–11 P2 - cylindrical (wheel slot 3) 12–15 P3 - 8 facet 12Deg circular (wheel slot 4) 16–19 P1 - 6 facet linear (wheel slot 2) 20–23 P2 - cylindrical (wheel slot 3) 24–27 P3 - 8 facet 12Deg circular (wheel slot 4) 28–255 Raw DMX

Mode 1 - MegaPointe (continued)

Ch	Function	Default	DMX values
24	Prism Rotation	128	0–0 min 1–124 CW rotation - Fast 125–127 CW rotation - Slow 128–128 center 129–232 max 233–255 CCW rotation - Fast
25	Prism	0	0–3 Open position/hole (wheel slot 1) 4–5 P 1 - 6 facet multicolor(spacial) (wheel slot 2) 6–7 P 1 - 6 facet multicolor(center) (wheel slot 2) 8–9 P2 - 32 facet circular(spacial) (wheel slot 3) 10–11 P2 - 32 facet circular(center) (wheel slot 3) 12–13 P3 - 8 facet 18Deg circular(spacial) (wheel slot 4) 14–15 P3 - 8 facet 18Deg circular(center) (wheel slot 4) 16–17 P 1 - 6 facet multicolor(spacial) (wheel slot 2) 18–19 P 1 - 6 facet multicolor(center) (wheel slot 2) 20–21 P2 - 32 facet circular(spacial) (wheel slot 3) 22–23 P2 - 32 facet circular(center) (wheel slot 3) 24–25 P3 - 8 facet 18Deg circular(spacial) (wheel slot 4) 26–27 P3 - 8 facet 18Deg circular(center) (wheel slot 4) 28–255 Raw DMX
26	Prism Rotation	128	0–0 min 1–124 CW rotation - Fast 125–127 CW rotation - Slow 128–128 center 129–232 max 233–255 CCW rotation - Fast
27	Spektra Beam	0	
28	Spektra Beam Pos	128	0–0 Effects indexing min 1–127 Forwards effects rotation fast 128–128 Effects indexing center 129–255 Effects indexing max
29	Beam Shaper	0	0–3 Open position/hole 4–7 Beam shaper 1 8–11 Beam shaper 2 12–15 Beam shaper 3 16–19 Beam shaper 4 20–23 Beam shaper 1 24–27 Beam shaper 2 28–31 Beam shaper 3 32–35 Beam shaper 4 36–255 Reserved
30	Beam Shaper Pos	128	0–0 min 1–124 Fast to slow Fast 125–127 Fast to slow - Slow 128–128 center 129–232 max 233–255 Slow to fast - Fast

Mode 1 - MegaPointe (continued)

Ch	Function	Default	DMX values
31	Frost1	0	0–0 Open 1–53 Frost 0% to 100% 54–63 Pulse close - slow to fast 64–73 Pulse open - fast to slow 74–83 Ramping - fast to slow 84–86 Open 87–139 Frost 0% to 100% 140–149 Pulse close - slow to fast 150–159 Pulse open - fast to slow 160–169 Ramping - fast to slow 170–172 Open 173–225 Frost 0% to 100% 226–235 Pulse close - slow to fast 236–245 Pulse open - fast to slow 246–255 Ramping - fast to slow
32	Zoom	128	
33	Zoom Fine	0	Fine byte of Zoom
34	Focus	128	
35	Focus Fine	128	Fine byte of Focus
36	Reflector Adjust	0	0–0 Automatic hot spot/flat field 1–4 Max hot spot 5–8 Medium hot spot 9–12 Max flat field 13–255 Automatic hot spot/flat field
37	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–94 Strobe · Slow to fast - Slow 0.3–19.4 Hz 95–95 Strobe · Slow to fast - Fast 20 Hz 96–127 open 128–140 StrobePulseOpen · Slow to fast - Slow 0.1–0.42 Hz 141–143 StrobePulseOpen · Slow to fast - Fast 0.447–0.5 Hz 144–155 StrobePulseClose · Fast to slow - Slow 0.5–0.207 Hz 156–159 StrobePulseClose · Fast to slow - Fast 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
38	Dimmer	0	0–254 Closed 255–255 Open
39	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 - Advanced

41 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max Speed Mode 2–254 Time from min to Max Speed from max to min 255–255 Min Speed Mode

Mode 2 - Advanced (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–9 No function 10–14 DMX input: Wired DMX 15–19 DMX input: Wireless DMX 20–24 Graphic display On 25–29 Graphic display Off 30–49 NoFeature 1 50–54 ON Close proximity 55–59 OFF Close proximity 60–64 Fans mode: Auto 65–69 Fans mode: High 70–74 Dimmer curve: Square law 75–79 Dimmer curve: Linear 80–84 Autofocus On 85–89 Autofocus Off 90–94 Pan/Tilt speed mode 95–99 Pan/Tilt time mode 100–101 Blackout while pan/tilt moving 102–103 Disabled blackout while pan/tilt moving 104–105 Blackout while prism wheel 1 (wheel 2) moving 106–107 Disabled blackout while prism wheel 1 (wheel 2) m… 108–109 Maximum Speed 110–111 Megapointe Compatible 112–113 ON-Standby 114–115 OFF-Standby 116–117 Pressure test ON 118–119 Pressure test OFF 120–124 Parking position On 125–129 Parking position Off 130–139 No function 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Gobo wheels reset 170–179 No function 180–189 Zoom/focus/frost/prism wheels reset 190–199 Effect wheel reset 200–209 Total reset 210–222 Quiet mode - fan noise min to max 223–223 Quiet mode disabled 224–225 Gobo indexing: Maximum speed and shortcut 226–227 Gobo indexing: Follow speed and follow direction 228–229 Gobo indexing: Maximum speed and follow directi… 230–230 Standard mode 231–231 Reduced mode 232–239 NoFeature 3 240–244 RoboSpot enabled 245–249 RoboSpot disabled - except handle faders and pan… 250–255 RoboSpot fully disabled except pan/tilt
7	Advanced Control	0	
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	C TO	0	0–254 7000K 255–255 2700K

Mode 2 - Advanced (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–8 Open/White - Positioning (wheel slot 1) 9–18 Deep Red - Positioning (wheel slot 2) 19–26 Deep Blue - Positioning (wheel slot 3) 27–36 Yellow - Positioning (wheel slot 4) 37–46 Light green - Positioning (wheel slot 5) 47–54 Magenta - Positioning (wheel slot 6) 55–63 Lavender - Positioning (wheel slot 7) 64–72 Pink - Positioning (wheel slot 8) 73–81 Dark green - Positioning (wheel slot 9) 82–90 CTO 2700K - Positioning (wheel slot 10) 91–100 Blue - Positioning (wheel slot 11) 101–109 Orange - Positioning (wheel slot 12) 110–118 CTO 3200K - Positioning (wheel slot 13) 119–127 UV (Kongo blue) - Positioning (wheel slot 14) 128–129 Open/White (1) - Positioning (wheel slot 1) 130–134 Deep Red - Indexing (wheel slot 2) 135–138 Deep Blue - Indexing (wheel slot 3) 139–143 Yellow - Indexing (wheel slot 4) 144–147 Light green - Indexing (wheel slot 5) 148–152 Magenta - Indexing (wheel slot 6) 153–157 Lavender - Indexing (wheel slot 7) 158–161 Pink - Indexing (wheel slot 8) 162–166 Dark green - Indexing (wheel slot 9) 167–171 CTO 2700K - Indexing (wheel slot 10) 172–176 Blue - Indexing (wheel slot 11) 177–180 Orange - Indexing (wheel slot 12) 181–185 CTO 3200K - Indexing (wheel slot 13) 186–189 UV (Kongo blue) - Indexing (wheel slot 14) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Reserved 250–254 fast 255–255 slow
13	Color Wheel Fine	0	Fine byte of Color Wheel

Mode 2 - Advanced (continued)

Ch	Function	Default	DMX values
14	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–2 Filter 4 (Medium Bastard Amber) (wheel slot 2) 3–4 Filter 10 (Medium Yellow) (wheel slot 3) 5–6 Filter 19 (Fire) (wheel slot 4) 7–8 Filter 26 (Bright Red) (wheel slot 5) 9–10 Filter 58 (Lavender) (wheel slot 6) 11–12 Filter 68 (Sky Blue) (wheel slot 7) 13–14 Filter 71 (Tokyo Blue) (wheel slot 8) 15–16 Filter 79 (Just Blue) (wheel slot 9) 17–18 Filter 88 (Lime Green) (wheel slot 10) 19–20 Filter 90 (Dark Yellow Green) (wheel slot 11) 21–22 Filter 100 (Spring Yellow) (wheel slot 12) 23–24 Filter 101 (Yellow) (wheel slot 13) 25–26 Filter 102 (Light Amber) (wheel slot 14) 27–28 Filter 103 (Straw) (wheel slot 15) 29–30 Filter 104 (Deep Amber) (wheel slot 16) 31–32 Filter 105 (Orange) (wheel slot 17) 33–34 Filter 106 (Primary Red) (wheel slot 18) 35–36 Filter 111 (Dark Pink) (wheel slot 19) 37–38 Filter 115 (Peacock Blue) (wheel slot 20) 39–40 Filter 116 (Medium Blue - Green) (wheel slot 21) 41–42 Filter 117 (Steel Blue) (wheel slot 22) 43–44 Filter 118 (Light Blue) (wheel slot 23) 45–46 Filter 119 (Dark Blue) (wheel slot 24) 47–48 Filter 120 (Deep Blue) (wheel slot 25) 49–50 Filter 121 (Filter Green) (wheel slot 26) 51–52 Filter 128 (Bright Pink) (wheel slot 27) 53–54 Filter 131 (Marine Blue) (wheel slot 28) 55–56 Filter 132 (Medium Blue) (wheel slot 29) 57–58 Filter 134 (Golden Amber) (wheel slot 30) 59–60 Filter 135 (Deep Golden Amber) (wheel slot 31) 61–62 Filter 136 (Pale Lavender) (wheel slot 32) 63–64 Filter 137 (Special Lavender) (wheel slot 33) 65–66 Filter 138 (Pale Green) (wheel slot 34) 67–68 Filter 139 (Primary Green) (wheel slot 35) 69–70 Filter 141 (Bright Blue) (wheel slot 36) 71–72 Filter 147 (Apricot) (wheel slot 37) 73–74 Filter 148 (Bright Rose) (wheel slot 38) 75–76 Filter 152 (Pale Gold) (wheel slot 39) 77–78 Filter 154 (Pale Rose) (wheel slot 40) 79–80 Filter 157 (Pink) (wheel slot 41) 81–82 Filter 158 (Deep Orange) (wheel slot 42) 83–84 Filter 162 (Bastard Amber) (wheel slot 43) 85–86 Filter 164 (Flame Red) (wheel slot 44) 87–88 Filter 165 (Daylight Blue) (wheel slot 45) 89–90 Filter 169 (Lilac Tint) (wheel slot 46) 91–92 Filter 170 (Deep Lavender) (wheel slot 47) 93–94 Filter 172 (Lagoon Blue) (wheel slot 48) 95–96 Filter 179 (Chrome Orange) (wheel slot 49) 97–98 Filter 180 (Dark Lavender) (wheel slot 50) 99–100 Filter 181 (Congo Blue) (wheel slot 51) 101–102 Filter 197 (Alice Blue) (wheel slot 52) 103–104 Filter 201 (Full CT Blue) (wheel slot 53) 105–106 Filter 202 (Half CT Blue) (wheel slot 54) 107–108 Filter 203 (Quarter CT Blue) (wheel slot 55) 109–110 Filter 204 (Full CT Orange) (wheel slot 56) 111–112 Filter 205 (Half CT Orange) (wheel slot 57) 113–114 Filter 206 (Quarter CT Orange) (wheel slot 58) 115–116 Filter 247 (Filter Minus Green) (wheel slot 59) 117–118 Filter 248 (Half Minus Green) (wheel slot 60) 119–120 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 121–122 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 123–124 Filter 352 (Glacier Blue) (wheel slot 63) 125–126 Filter 353 (Lighter Blue) (wheel slot 64)

Mode 2 - Advanced (continued)

Ch	Function	Default	DMX values
15	Effect Speed	0	
16	Color Wheel Select MSpeed	0	0–0 Function is off 1–254 slow 255–255 fast
17	Focus MSpeed	0	0–0 Function is off 1–254 slow 255–255 fast
18	Animation Wheel1	0	0–19 Open (wheel slot 1) 20–126 Proportional indexing min (wheel slot 2) 127–127 Proportional indexing max (wheel slot 2) 128–169 Ramping from open to full position max (wheel slo... 170–170 Ramping from open to full position min (wheel slo... 171–212 Ramping from open to half position max (wheel sl... 213–213 Ramping from open to half position min (wheel sl... 214–254 Ramp from half position to full position max (whe... 255–255 Ramp from half position to full position min (whee...
19	Animation Wheel1Pos	128	0–0 No rotation (wheel slot 2) 1–124 CW rotation - Fast (wheel slot 2) 125–127 CW rotation - Slow (wheel slot 2) 128–128 No rotation (wheel slot 2) 129–232 CCW rotation - Slow (wheel slot 2) 233–255 CCW rotation - Fast (wheel slot 2)
20	Animation Wheel1Select Effects	0	0–3 No animation 4–5 Animation Macro 1 (Focus=159 DMX at 5 m) 6–7 Animation Macro 2 (Focus=154 DMX at 5 m) 8–9 Animation Macro 3 (Focus=154 DMX at 5 m) 10–11 Animation Macro 4 (Focus=157 DMX at 5 m) 12–13 Animation Macro 5 (Focus=157 DMX at 5 m) 14–15 Animation Macro 6 (Focus=166DMX at 5 m) 16–17 Animation Macro 7 (Focus=145 DMX at 5 m) 18–19 Animation Macro 8 (Focus=162 DMX at 5 m) 20–21 Animation Macro 9 (Focus=162 DMX at 5 m) 22–23 Animation Macro 10 (Focus=162 DMX at 5m) 24–25 Animation Macro 1 (Focus=159 DMX at 5 m) 26–27 Animation Macro 2 (Focus=154 DMX at 5 m) 28–29 Animation Macro 3 (Focus=154 DMX at 5 m) 30–31 Animation Macro 4 (Focus=157 DMX at 5 m) 32–33 Animation Macro 5 (Focus=157 DMX at 5 m) 34–35 Animation Macro 6 (Focus=166DMX at 5 m) 36–37 Animation Macro 7 (Focus=145 DMX at 5 m) 38–39 Animation Macro 8 (Focus=162 DMX at 5 m) 40–41 Animation Macro 9 (Focus=162 DMX at 5 m) 42–43 Animation Macro 10 (Focus=162 DMX at 5m) 44–255 Raw DMX

Mode 2 - Advanced (continued)

Ch	Function	Default	DMX values
21	Gobo	0	0–3 Open/Hole (wheel slot 1) 4–9 Gobo 1 (wheel slot 2) 10–15 Gobo 2 (wheel slot 3) 16–21 Gobo 3 (wheel slot 4) 22–27 Gobo 4 (wheel slot 5) 28–33 Gobo 5 (wheel slot 6) 34–39 Gobo 6 (wheel slot 7) 40–45 Gobo 7 (wheel slot 8) 46–51 Gobo 8 (wheel slot 9) 52–57 Gobo 9 (wheel slot 10) 58–63 Gobo 10 (wheel slot 11) 64–69 Beam reducer 1 (wheel slot 12) 70–75 Beam reducer 2 (wheel slot 13) 76–81 Beam reducer 3 (wheel slot 14) 82–87 Open (wheel slot 15) 88–95 Gobo 1 (wheel slot 2) 96–103 Gobo 2 (wheel slot 3) 104–111 Gobo 3 (wheel slot 4) 112–119 Gobo 4 (wheel slot 5) 120–127 Gobo 5 (wheel slot 6) 128–135 Gobo 6 (wheel slot 7) 136–143 Gobo 7 (wheel slot 8) 144–151 Gobo 8 (wheel slot 9) 152–159 Gobo 9 (wheel slot 10) 160–167 Gobo 10 (wheel slot 11) 168–175 Beam reducer 1 (wheel slot 12) 176–183 Beam reducer 2 (wheel slot 13) 184–191 Beam reducer 3 (wheel slot 14) 192–199 Beam reducer 4 (wheel slot 15) 200–201 Open/hole (wheel slot 1) 202–220 Fast to slow - Fast 221–222 Fast to slow - Slow 223–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random gobo selection by audio control 250–250 Auto random gobo selection fast 251–254 Auto random gobo selection from fast to slow 255–255 Auto random gobo selection slow

Mode 2 - Advanced (continued)

Ch	Function	Default	DMX values
22	Gobo 2	0	0–0 Open/Hole (wheel slot 1) 1–4 Hole (flat field) (wheel slot 1) 5–7 Gobo 1 (wheel slot 2) 8–10 Gobo 2 (wheel slot 3) 11–13 Gobo 3 (wheel slot 4) 14–16 Gobo 4 (wheel slot 5) 17–19 Gobo 5 (wheel slot 6) 20–22 Gobo 6 (wheel slot 7) 23–25 Gobo 7 (wheel slot 8) 26–28 Gobo 8 (wheel slot 9) 29–31 Gobo 9 (wheel slot 10) 32–34 Gobo 1 - Rotation (wheel slot 2) 35–37 Gobo 2 - Rotation (wheel slot 3) 38–40 Gobo 3 - Rotation (wheel slot 4) 41–43 Gobo 4 - Rotation (wheel slot 5) 44–46 Gobo 5 - Rotation (wheel slot 6) 47–49 Gobo 6 - Rotation (wheel slot 7) 50–52 Gobo 7 - Rotation (wheel slot 8) 53–55 Gobo 8 - Rotation (wheel slot 9) 56–59 Gobo 9 - Rotation (wheel slot 10) 60–67 Gobo 1 - Shaking Index (wheel slot 2) 68–75 Gobo 2 - Shaking Index (wheel slot 3) 76–83 Gobo 3 - Shaking Index (wheel slot 4) 84–91 Gobo 4 - Shaking Index (wheel slot 5) 92–99 Gobo 5 - Shaking Index (wheel slot 6) 100–107 Gobo 6 - Shaking Index (wheel slot 7) 108–115 Gobo 7 - Shaking Index (wheel slot 8) 116–123 Gobo 8 - Shaking Index (wheel slot 9) 124–129 Gobo 9 - Shaking Index (wheel slot 10) 130–137 Gobo 1 - Shaking Rotation (wheel slot 2) 138–145 Gobo 2 - Shaking Rotation (wheel slot 3) 146–153 Gobo 3 - Shaking Rotation (wheel slot 4) 154–161 Gobo 4 - Shaking Rotation (wheel slot 5) 162–169 Gobo 5 - Shaking Rotation (wheel slot 6) 170–177 Gobo 6 - Shaking Rotation (wheel slot 7) 178–185 Gobo 7 - Shaking Rotation (wheel slot 8) 186–193 Gobo 8 - Shaking Rotation (wheel slot 9) 194–199 Gobo 9 - Shaking Rotation (wheel slot 10) 200–201 Open/Hole (wheel slot 1) 202–220 Fast to slow - Fast 221–222 Fast to slow - Slow 223–242 Slow to fast - Slow 243–243 Slow to fast - Fast 244–249 Random gobo selection by audio control 250–250 Auto random gobo selection fast 251–254 Auto random gobo selection from fast to slow 255–255 Auto random gobo selection slow
23	Gobo Rotation 2	128	0–0 Gobo indexing min 1–123 CW rotation - Fast 124–127 CW rotation - Slow 128–128 Gobo indexing center 129–231 CCW rotation - Slow 232–255 CCW rotation - Fast
24	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
25	Prism	0	0–3 Open position/hole (wheel slot 1) 4–7 Prism 1 - 6 - facet linear (wheel slot 2) 8–11 Prism 2 - cylindrical (wheel slot 3) 12–15 Prism 3 - 8 - facet 12Deg circular (wheel slot 4) 16–19 Prism 1 - 6 - facet linear (wheel slot 2) 20–23 Prism 2 - cylindrical (wheel slot 3) 24–27 Prism 3 - 8 - facet 12Deg circular (wheel slot 4) 28–255 Raw DMX

Mode 2 - Advanced (continued)

Ch	Function	Default	DMX values
26	Prism Rotation	128	0–0 min 1–124 CW rotation - Fast 125–127 CW rotation - Slow 128–128 center 129–232 max 233–255 CCW rotation - Fast
27	Prism	0	0–3 Open position/hole (wheel slot 1) 4–5 P 1 - 6 facet multicolor(spacial) (wheel slot 2) 6–7 P 1 - 6 facet multicolor(center) (wheel slot 2) 8–9 P2 - 32 facet circular(spacial) (wheel slot 3) 10–11 P2 - 32 facet circular(center) (wheel slot 3) 12–13 P3 - 8 facet 18Deg circular(spacial) (wheel slot 4) 14–15 P3 - 8 facet 18Deg circular(center) (wheel slot 4) 16–17 P 1 - 6 facet multicolor(spacial) (wheel slot 2) 18–19 P 1 - 6 facet multicolor(center) (wheel slot 2) 20–21 P2 - 32 facet circular(spacial) (wheel slot 3) 22–23 P2 - 32 facet circular(center) (wheel slot 3) 24–25 P3 - 8 facet 18Deg circular(spacial) (wheel slot 4) 26–27 P3 - 8 facet 18Deg circular(center) (wheel slot 4) 28–255 Raw DMX
28	Prism Rotation	128	0–0 min 1–124 CW rotation - Fast 125–127 CW rotation - Slow 128–128 center 129–232 max 233–255 CCW rotation - Fast
29	Spektra Beam	0	
30	Spektra Beam Pos	128	0–0 Effects indexing min 1–127 Forwards effects rotation fast 128–128 Effects indexing center 129–255 Effects indexing max
31	Beam Shaper	0	0–3 Open position/hole 4–7 Beam shaper 1 8–11 Beam shaper 2 12–15 Beam shaper 3 16–19 Beam shaper 4 20–23 Beam shaper 1 24–27 Beam shaper 2 28–31 Beam shaper 3 32–35 Beam shaper 4 36–255 Reserved
32	Beam Shaper Pos	128	0–0 min 1–124 Fast to slow Fast 125–127 Fast to slow - Slow 128–128 center 129–232 max 233–255 Slow to fast - Fast

Mode 2 - Advanced (continued)

Ch	Function	Default	DMX values
33	Frost1	0	0–0 Open 1–53 Frost 0% to 100% 54–63 Pulse close - slow to fast 64–73 Pulse open - fast to slow 74–83 Ramping - fast to slow 84–86 Open 87–139 Frost 0% to 100% 140–149 Pulse close - slow to fast 150–159 Pulse open - fast to slow 160–169 Ramping - fast to slow 170–172 Open 173–225 Frost 0% to 100% 226–235 Pulse close - slow to fast 236–245 Pulse open - fast to slow 246–255 Ramping - fast to slow
34	Zoom	128	
35	Zoom Fine	0	Fine byte of Zoom
36	Focus	128	
37	Focus Fine	128	Fine byte of Focus
38	Reflector Adjust	0	0–0 Automatic hot spot/flat field 1–4 Max hot spot 5–8 Medium hot spot 9–12 Max flat field 13–255 Automatic hot spot/flat field
39	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–94 Strobe · Slow to fast - Slow 0.3–19.4 Hz 95–95 Strobe · Slow to fast - Fast 20 Hz 96–127 open 128–140 StrobePulseOpen · Slow to fast - Slow 0.1–0.42 Hz 141–143 StrobePulseOpen · Slow to fast - Fast 0.447–0.5 Hz 144–155 StrobePulseClose · Fast to slow - Slow 0.5–0.207 Hz 156–159 StrobePulseClose · Fast to slow - Fast 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
40	Dimmer	0	0–254 Closed 255–255 Open
41	Dimmer Fine	0	Fine byte of Dimmer