Robe Lighting

Robin LedPOINTE



Manufacturer	**Robe Lighting**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**39 channels**
Beam angle	**1.8-44°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**254 × 464 × 237 mm**
GDTF fixture type	**7DD0F0B0-6D12-4440-85CC-EC…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Mode 1 - Standard 16 - bit — 39 ch

Mode 1 - Standard 16 - bit

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	Pan Mode	0	0–0 Pan range 540Deg shortcut Off 1–1 Pan range 360Deg shortcut On 2–127 No function (Pan range 540Deg shortcut Off) 128–188 Forwards - Fast 189–189 Forwards - Slow 190–193 No rotation middle 194–254 Backwards - Slow 255–255 Backwards - Fast
6	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
7	Control1	0	0–9 No function 10–11 DMX input: Wired DMX 12–13 DMX input: Wireless DMX 14–19 NoFeature 1 20–21 Graphic display On 22–23 Graphic display Off 24–27 NoFeature 2 28–29 Dimmer curve: Square law 30–31 Dimmer curve: Linear 32–33 Fans mode: Auto 34–35 Fans mode: High 36–37 Quiet mode: Fans ON at blackout 38–39 Quiet mode: Fans OFF at blackout 40–41 Pan/Tilt speed mode 42–43 Pan/Tilt time mode 44–45 Blackout while pan/tilt moving 46–47 Disabled blackout while pan/tilt moving 48–49 Blackout while colour wheel moving 50–51 Disabled blackout while colour wheel moving 52–53 Blackout while gobo wheels moving ON 54–55 Disabled blackout while gobo wheels moving OFF 56–57 Focus Tracking ON 58–59 Focus Tracking OFF 60–61 Parking position On 62–63 Parking position Off 64–65 (ON) BO while prism wheel moving 66–67 (OFF) BO while prism wheel moving 68–129 NoFeature 3 130–131 Total fixture reset 132–133 Pan/Tilt reset 134–135 Colour wheels reset 136–137 Gobo wheels reset 138–139 Zoom/focus//prism/frost reset 140–219 NoFeature 4 220–221 Gobo indexing: Max speed and shortcut 222–223 Gobo indexing: Follow speed and direction 224–225 Gobo indexing: Max speed and follow direction 226–233 NoFeature 5 234–235 RoboSpot enabled 236–237 RoboSpot disabled - except handle faders and pan... 238–239 RoboSpot fully disabled except pan/tilt 240–240 Disabled Quiet mode 241–255 Quiet mode fan noise min to max

Mode 1 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
8	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
9	L EDFrequency Adjust	128	
10	Intensity Indication	0	0–10 No function 11–20 Indication of drop of max light intensity 21–30 Set drop by 6-10% (RED) 31–40 Set drop by 11-15% (Green) 41–50 Set drop by 16-20% (BLUE) 51–60 Set drop by 21-25% (CYAN) 61–70 Set drop by 26-30% (MAGENTA) 71–80 Set drop by 31-35% (YELLOW) 81–90 Set drop by 36-40% (ORANGE) 91–100 Original intensity (WHITE) 101–255 NoFeature
11	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 CW rotation - Fast 212–215 CW rotation - Slow 216–217 No rotation middle 218–243 CCW rotation - Slow 244–249 Reserved 250–254 fast 255–255 slow
12	Color Wheel Fine	0	Fine byte of Color Wheel
13	Cyan	0	
14	Magenta	0	
15	Yellow	0	
16	C TO	0	0–254 6500K 255–255 2700K

Mode 1 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
17	Tint	128	0–0 Uncorrected white 1–127 Minus green 128–128 Center 129–255 Plus green

Mode 1 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
18	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 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
19	Color Wheel Select MSpeed	0	0–0 Function is off 1–254 slow 255–255 fast
20	Focus MSpeed	0	0–0 Function is off 1–254 slow 255–255 fast
21	Gobo	0	0–1 Open/Hole (wheel slot 1) 2–8 Gobo 1 (wheel slot 2) 9–15 Gobo 2 (wheel slot 3) 16–22 Gobo 3 (wheel slot 4) 23–29 Gobo 4 (wheel slot 5) 30–36 Gobo 5 (wheel slot 6) 37–43 Gobo 6 (wheel slot 7) 44–50 Gobo 7 (wheel slot 8) 51–57 Gobo 8 (wheel slot 9) 58–64 Gobo 9 (wheel slot 10) 65–71 Gobo 10 (wheel slot 11) 72–78 Gobo 11 (wheel slot 12) 79–89 Gobo 1 (wheel slot 2) 90–100 Gobo 2 (wheel slot 3) 101–111 Gobo 3 (wheel slot 4) 112–122 Gobo 4 (wheel slot 5) 123–133 Gobo 5 (wheel slot 6) 134–144 Gobo 6 (wheel slot 7) 145–155 Gobo 7 (wheel slot 8) 156–166 Gobo 8 (wheel slot 9) 167–177 Gobo 9 (wheel slot 10) 178–188 Gobo 10 (wheel slot 11) 189–199 Gobo 11 (wheel slot 12) 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 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
22	Gobo 2	0	0–4 Open (wheel slot 1) 5–7 G01 (wheel slot 2) 8–10 G02 (wheel slot 3) 11–13 G03 (wheel slot 4) 14–16 G04 (wheel slot 5) 17–19 G05 (wheel slot 6) 20–22 G06 (wheel slot 7) 23–25 G07 (wheel slot 8) 26–28 G08 (wheel slot 9) 29–31 G09 (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) 60–66 Open prop index (wheel slot 1) 67–73 G01 Prop Index (wheel slot 2) 74–80 G02 Prop Index (wheel slot 3) 81–87 G03 Prop Index (wheel slot 4) 88–94 G04 Prop Index (wheel slot 5) 95–101 G05 Prop Index (wheel slot 6) 102–108 G06 Prop Index (wheel slot 7) 109–115 G07 Prop Index (wheel slot 8) 116–122 G08 Prop Index (wheel slot 9) 123–129 G09 prop index (wheel slot 10) 130–130 Open prop index (wheel slot 1) 131–137 Open Prop Rot (wheel slot 1) 138–144 G01 Prop Rot (wheel slot 2) 145–151 G02 Prop Rot (wheel slot 3) 152–158 G03 Prop Rot (wheel slot 4) 159–165 G04 Prop Rot (wheel slot 5) 166–172 G05 Prop Rot (wheel slot 6) 173–179 G06 Prop Rot (wheel slot 7) 180–186 G07 Prop Rot (wheel slot 8) 187–193 G08 Prop Rot (wheel slot 9) 194–200 G09 Prop Rot (wheel slot 10) 201–201 Open Prop Rot (wheel slot 1) 202–219 Fast to slow - Fast 220–222 Fast to slow - slow 223–238 Slow to fast - slow 239–243 Slow to fast - fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
23	Gobo 2 Fine	0	Fine byte of Gobo 2
24	Gobo Rotation 2	128	0–0 min 1–123 CW rotation - Fast 124–127 CW rotation - Slow 128–128 center 129–231 CCW rotation - Slow 232–255 CCW rotation - Fast
25	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
26	Prism	0	0–3 Open position/hole (wheel slot 1) 4–7 Prism 1 Indexing (wheel slot 2) 8–11 Prism 2 Indexing (wheel slot 3) 12–15 Prism 1 Rotation (wheel slot 2) 16–19 Prism 2 Rotation (wheel slot 3) 28–255 Raw DMX

Mode 1 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
27	Prism Rotation	128	0–0 Prism Indexing 1–124 CW rotation - Fast 125–127 CW rotation - Slow 128–128 No rotation middle 129–232 CCW rotation - Slow 233–255 CCW rotation - Fast
28	Prism	0	0–3 Open (wheel slot 1) 4–7 Prism 1 - 6F MC linear (wheel slot 2) 8–11 Prism 2 - 8F circular (wheel slot 3) 12–15 Prism 1 - 6F MC linear (wheel slot 2) 16–19 Prism 2 - 8F circular (wheel slot 3) 28–255 Raw DMX
29	Prism Rotation	128	0–0 Prism Indexing 1–124 CW rotation - Fast 125–127 CW rotation - Slow 128–128 No rotation middle 129–232 CCW rotation - Slow 233–255 CCW rotation - Fast
30	Spectra Beam	0	0–3 Open/ hole 4–5 Effect 1 6–7 Effect 2 8–9 Effect 3 10–11 Effect 4 12–13 Effect 5 14–15 Effect 6 16–17 Effect 7 18–19 Effect 8 20–21 Effect 9 22–23 Effect 10 24–25 Effect 11 26–27 Effect 12 28–29 Effect 13 30–31 Effect 14 32–33 Effect 15 34–35 Effect 1 Rot Index 36–37 Effect 2 Rot Index 38–39 Effect 3 Rot Index 40–41 Effect 4 Rot Index 42–43 Effect 5 Rot Index 44–45 Effect 6 Rot Index 46–47 Effect 7 Rot Index 48–49 Effect 8 Rot Index 50–51 Effect 9 Rot Index 52–53 Effect 10 Rot Index 54–55 Effect 11 Rot Index 56–57 Effect 12 Rot Index 58–59 Effect 13 Rot Index 60–61 Effect 14 Rot Index 62–63 Effect 15 Rot Index 64–255 Reserved
31	Spectra Beam Pos	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

Mode 1 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
32	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 170–173 Open 174–225 Frost 0% to 100% 226–235 Pulse close - slow to fast 236–245 Pulse open - fast to slow 246–255 Ramping - fast to slow
33	Zoom	128	
34	Zoom Fine	0	Fine byte of Zoom
35	Focus	128	
36	Focus Fine	128	Fine byte of Focus
37	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–78 Strobe · Slow to fast 1/12 0.3–9.2 Hz 79–94 Strobe · Slow to fast 6/12 9.83–19.4 Hz 95–95 Strobe · Slow to fast 11/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 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