Robe Lighting

Robin iEsprite LTL WB



Manufacturer	**Robe Lighting**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**53 channels**
Beam angle	**3.5-52°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**310 × 550 × 263 mm**
GDTF fixture type	**13F87E0A-2578-47EF-8425-D2…**

Controls

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

DMX modes

Mode 1 - Standard 16bit — 53 ch

Mode 1 - Standard 16bit

53 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 2–255 Speed/Time max to min
6	Control1	0	
7	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 25–255 NoFeature
8	L EDFrequency Adjust	128	
9	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
10	Color Wheel	0	0–10 Open/white (wheel slot 1) 11–31 Deep red (wheel slot 2) 32–53 Deep blue (wheel slot 3) 54–75 Orange (wheel slot 4) 76–96 Green (wheel slot 5) 97–117 Congo Blue (wheel slot 6) 118–127 Open/white (wheel slot 1) 128–129 Open/white step (wheel slot 1) 130–141 Deep red step (wheel slot 2) 142–153 Deep blue step (wheel slot 3) 154–165 Orange step (wheel slot 4) 166–177 Green step (wheel slot 5) 178–189 Congo blue step (wheel slot 6) 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 Random color selection by audio control 250–255 Auto random color selection from fast to slow
11	Color Wheel Fine	0	Fine byte of Color Wheel

Mode 1 - Standard 16bit (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	0	0–10 Open/white (wheel slot 1) 11–31 Multicolor (wheel slot 2) 32–53 Laser green (wheel slot 3) 54–75 Lavander (wheel slot 4) 76–96 CRI 80 (wheel slot 5) 97–117 CRI 90 (wheel slot 6) 118–129 Open/white (wheel slot 1) 130–141 Multicolor (wheel slot 2) 142–153 Laser green (wheel slot 3) 154–165 Lavander (wheel slot 4) 166–177 CRI 80 (wheel slot 5) 178–189 CRI 90 (wheel slot 6) 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 Random color selection by audio control 250–255 Auto random color selection from fast to slow
13	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2
14	Cyan	0	
15	Magenta	0	
16	Yellow	0	
17	C TO	0	
18	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
19	Color3	0	
20	Color Mix MSpeed	0	0–254 Speed max 255–255 Speed min
21	Color Mix MTime	0	0–0 Function is off 1–254 Time min 255–255 Time max
22	Zoom MSpeed	0	0–0 No function 1–255 Gobo/Framing/Zoom/Focus/Iris/Frost/Prism time min
23	Animation Wheel1	0	0–19 No function 20–127 Effect wheel indexing (wheel slot 1) 128–169 Ramping from open to full max 170–170 Ramping from open to full min 171–212 Ramping from open to half max 213–213 Ramping from open to half min 214–254 Ramping from half to full min 255–255 Ramping from half to full max

Mode 1 - Standard 16bit (continued)

Ch	Function	Default	DMX values
24	Animation Wheel1Pos	128	0–0 No rotation 1–24 Fast to slow 1/7 25–49 Fast to slow 2/7 50–74 Fast to slow 3/7 75–99 Fast to slow 4/7 100–119 Fast to slow 5/7 120–124 Fast to slow 6/7 125–127 Fast to slow 7/7 128–128 No rotation middle 129–131 Slow to fast 1/7 132–136 Slow to fast 2/7 137–156 Slow to fast 3/7 157–181 Slow to fast 4/7 182–206 Slow to fast 5/7 207–232 Slow to fast 6/7 233–255 Slow to fast 7/7
25	Animation Wheel1Macro	0	0–7 No animation 8–9 Macro 1 10–11 Macro 2 12–13 Macro 3 14–15 Macro 4 16–17 Macro 5 18–19 Macro 6 20–21 Macro 7 22–23 Macro 8 24–25 Macro 9 26–27 Macro 10 28–255 Reserved
26	Gobo	0	0–8 Open/hole (wheel slot 1) 9–17 Gobo1 (wheel slot 2) 18–26 Gobo2 (wheel slot 3) 27–35 Gobo3 (wheel slot 4) 36–44 Gobo4 (wheel slot 5) 45–53 Gobo5 (wheel slot 6) 54–62 Gobo6 (wheel slot 7) 63–71 Gobo7 (wheel slot 8) 72–80 Gobo8 (wheel slot 9) 81–91 Gobo9 (wheel slot 10) 92–103 Gobo1 Shake (wheel slot 2) 104–115 Gobo2 Shake (wheel slot 3) 116–127 Gobo3 Shake (wheel slot 4) 128–139 Gobo4 Shake (wheel slot 5) 140–151 Gobo5 Shake (wheel slot 6) 152–163 Gobo6 Shake (wheel slot 7) 164–175 Gobo7 Shake (wheel slot 8) 176–187 Gobo8 Shake (wheel slot 9) 188–199 Gobo9 Shake (wheel slot 10) 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 250–255 Auto random gobo selection from fast to slow

Mode 1 - Standard 16bit (continued)

Ch	Function	Default	DMX values
27	Gobo 2	0	0–13 Open (wheel slot 1) 14–16 LT Follow Spot mode (wheel slot 2) 17–19 Gobo1 index (wheel slot 3) 20–22 Gobo2 index (wheel slot 4) 23–25 Gobo3 index (wheel slot 5) 26–28 Gobo4 index (wheel slot 6) 29–31 Gobo5 index (wheel slot 7) 32–34 Gobo6 index (wheel slot 8) 35–37 Gobo7 index (wheel slot 9) 38–40 LT Follow spot mode (wheel slot 2) 41–43 Gobo2 rotate (wheel slot 3) 44–46 Gobo3 rotate (wheel slot 4) 47–49 Gobo4 rotate (wheel slot 5) 50–52 Gobo5 rotate (wheel slot 6) 53–55 Gobo6 rotate (wheel slot 7) 56–58 Gobo7 rotate (wheel slot 8) 59–61 G07 (wheel slot 9) 62–68 Open prop index (wheel slot 1) 69–75 G01 Prop Index (wheel slot 3) 76–82 G02 Prop Index (wheel slot 4) 83–89 G03 Prop Index (wheel slot 5) 90–96 G04 Prop Index (wheel slot 6) 97–103 G05 Prop Index (wheel slot 7) 104–110 G06 Prop Index (wheel slot 8) 111–117 G07 Prop Index (wheel slot 9) 118–123 Beam reducer prop index (wheel slot 2) 124–125 Open prop index (wheel slot 1) 126–132 Open Prop Rot (wheel slot 1) 133–139 G01 Prop Rot (wheel slot 2) 140–146 G02 Prop Rot (wheel slot 3) 147–153 G03 Prop Rot (wheel slot 4) 154–160 G04 Prop Rot (wheel slot 5) 161–167 G05 Prop Rot (wheel slot 6) 168–174 G06 Prop Rot (wheel slot 7) 175–188 G07 Prop Rot (wheel slot 8) 189–201 Open Prop Rot (wheel slot 1) 202–220 Fast to slow - Fast 221–222 Fast to slow - slow 223–237 Slow to fast - slow 238–243 Slow to fast - Fast 244–249 Random gobo selection by audio control 250–255 Auto randim gobo selection from fast to slow
28	Gobo 2 Fine	0	Fine byte of Gobo 2
29	Gobo Rotation 2	128	0–0 Gobo indexing min 1–123 Fast to slow - Fast 124–127 Fast to slow - Slow 128–128 indexing center 129–231 Slow to fast - Slow 232–255 Slow to fast - Fast
30	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2

Mode 1 - Standard 16bit (continued)

Ch	Function	Default	DMX values
31	Prism	0	0–19 Open/hole (wheel slot 1) 20–73 Prism indexing (wheel slot 2) 74–127 Prism rotation (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
32	Prism Rotation	128	0–0 No rotation 1–124 min 125–127 Fast to slow - Slow 128–128 center 129–232 max 233–255 Slow to fast - Fast
33	Prism	0	0–19 Open position (hole) (wheel slot 1) 20–127 Prism 2 Rotation (wheel slot 2) 128–135 Macro 1 (wheel slot 3) 136–143 Macro 2 (wheel slot 5) 144–151 Macro 3 (wheel slot 6) 152–159 Macro 4 (wheel slot 7) 160–167 Macro 5 (wheel slot 8) 168–175 Macro 6 (wheel slot 9) 176–183 Macro 7 (wheel slot 10) 184–191 Macro 8 (wheel slot 11) 192–199 Macro 9 (wheel slot 12) 200–207 Macro 10 (wheel slot 13) 208–215 Macro 11 (wheel slot 14) 216–223 Macro 12 (wheel slot 15) 224–231 Macro 13 (wheel slot 16) 232–239 Macro 14 (wheel slot 17) 240–247 Macro 15 (wheel slot 18) 248–255 Macro 16 (wheel slot 19)
34	Prism Rotation	128	0–0 No rotation 1–124 Fast to slow - Fast 125–127 Fast to slow - Slow 128–128 No rotation middle 129–232 Slow to fast - Slow 233–255 Slow to fast - Fast
35	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 170–255 NoFeature 1

Mode 1 - Standard 16bit (continued)

Ch	Function	Default	DMX values
36	Iris	0	0–179 Open 180–191 Closed 192–216 Slow to fast - Slow 217–219 Slow to fast - Fast 220–243 Fast to slow - Fast 244–247 Fast to slow - Slow 248–249 Random pulse opening fast 250–251 Random pulse opening slow 252–253 Random pulse closing fast 254–255 Random pulse closing slow
37	Iris Fine	0	Fine byte of Iris
38	Zoom	128	
39	Zoom Fine	0	Fine byte of Zoom
40	Focus	128	
41	Focus Fine	0	Fine byte of Focus
42	Shaper Rot	128	
43	Blade1A	0	
44	Blade1Rot	128	
45	Blade4A	0	
46	Blade4Rot	128	
47	Blade3A	0	
48	Blade3Rot	128	
49	Blade2A	0	
50	Blade2Rot	128	
51	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 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
52	Dimmer	0	0–254 Closed (wheel slot -2147483648) 255–255 Open (wheel slot -2147483648)
53	Dimmer Fine	0	Fine byte of Dimmer