Robe Lighting

Robin Forte Fresnel



Manufacturer	**Robe Lighting**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**35 channels**
Beam angle	**7-62°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**338 × 623 × 283 mm**
GDTF fixture type	**7BB23ECA-FD23-48D0-88E4-EC…**

Controls

Frost · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Mode 1 - Standard 16 bit — 35 ch

Mode 1 - Standard 16 bit

35 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 1–254 max 255–255 min
6	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–24 Display On 25–29 Display Off 30–31 Fans ON at blackout 32–33 Fans OFF at blackout 34–39 NoFeature 1 40–44 PT mode Speed 45–49 PT mode Time 50–54 BO while PAN TILT moving: ON 55–59 BO while PAN TILT moving: OFF 60–69 Reserved 70–74 BO while color wheels moving: ON 75–79 BO while color wheels moving: OFF 80–84 Fan mode Auto 85–89 Fan mode High 90–92 Fan mode Super Quiet 93–94 NoFeature 2 95–99 Dimmer curve: Super Square Law 100–109 NoFeature 3 110–114 Dimmer curve: Square law 115–119 Dimmer curve: Linear 120–124 Parking position ON 125–129 Parking position OFF 130–139 Fixture reset (except pan/tilt) 140–149 PositionReset 150–159 Color system reset 160–169 NoFeature 4 170–174 Pan Reset 175–179 Tilt Reset 180–189 Zoom/focus/frost/prism reset 190–199 Barndoors/scrim reset 200–209 Total fixture reset 210–239 NoFeature 5 240–240 Disabled Quiet mode 241–255 Quiet mode min to max
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	

Mode 1 - Standard 16 bit (continued)

Ch	Function	Default	DMX values
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 - continual (wheel slot 1) 11–31 Deep red - continual (wheel slot 2) 32–53 Deep blue - continual (wheel slot 3) 54–75 Orange - continual (wheel slot 4) 76–96 Green - continual (wheel slot 5) 97–117 Congo Blue - continual (wheel slot 6) 118–127 Open/white - continual (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
12	Color Wheel 2	0	0–10 Open/white - continual (wheel slot 1) 11–31 Multicolor - continual (wheel slot 2) 32–53 Laser green - continual (wheel slot 3) 54–75 Lavander - continual (wheel slot 4) 76–96 CRI 80 - continual (wheel slot 5) 97–117 CRI 90 - continual (wheel slot 6) 118–127 Open/white - continual (wheel slot 1) 128–129 Open/white - step (wheel slot 1) 130–141 Multicolor - step (wheel slot 2) 142–153 Laser green - step (wheel slot 3) 154–165 Lavander - step (wheel slot 4) 166–177 CRI 80 - step (wheel slot 5) 178–189 CRI 90 - 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
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	0–254 6500K 255–255 3000K

Mode 1 - Standard 16 bit (continued)

Ch	Function	Default	DMX values
18	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
19	Color Macro1	0	
20	Color Mix MSpeed	0	0–0 Function is OFF 1–254 Min time mode 255–255 Max time mode
21	Frame MSpeed	0	0–0 Function is OFF 1–254 Min time mode 255–255 Max time mode
22	Scrim Pos	0	0–0 No function 1–255 Scrim inserting
23	Scrim Index	128	0–63 Scrim indexing 0 deg 64–127 Scrim indexing 90 deg 128–191 Scrim indexing 180 deg 192–254 Scrim indexing 270 deg 255–255 Scrim indexing 360 deg
24	Frost1	0	0–0 Open 1–50 Light Frost from 0% to 100% 51–53 100% Light frost 54–63 Pulse closing from slow to fast 64–73 Pulse opening from fast to slow 74–83 Ramping from fast to slow 84–86 Open 87–136 Medium Frost from 0% to 100% 137–139 100% Medium Frost 140–149 Pulse closing from slow to fast 150–159 Pulse opening from fast to slow 160–169 Ramping from fast to slow 170–255 Open
25	Zoom	128	
26	Zoom Fine	0	Fine byte of Zoom
27	Edge Colour Correction	128	
28	Shaper Rot	128	
29	Blade1A	0	
30	Blade4A	0	
31	Blade3A	0	
32	Blade2A	0	
33	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
34	Dimmer	0	0–254 Closed 255–255 Open

Mode 1 - Standard 16 bit (continued)

Ch	Function	Default	DMX values
35	Dimmer Fine	0	Fine byte of Dimmer