Robe Lighting

# Robin iForte Fresnel



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|---|---|
| Manufacturer | **Robe Lighting** |
| Type | **Profile spot** |
| DMX modes | **1** |
| DMX footprint | **39 channels** |
| Beam angle | **6-61°** |
| Pan range | **540°** |
| Tilt range | **270°** |
| Size (W × H × D) | **338 × 624 × 283 mm** |
| GDTF fixture type | **326AB9BD-119B-4136-8A8B-A1…** |

## 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 — 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 | Position MSpeed | 0 | 0–0 Standard mode<br>1–254 max<br>255–255 min |
| 6 | Control1 | 0 | 0–5 NoFeature<br>6–7 Standby ON<br>8–9 Standby OFF<br>10–14 Wired DMX<br>15–19 Wireless DMX<br>20–24 Display On<br>25–29 Display Off<br>30–31 Fans ON at blackout<br>32–33 Fans OFF at blackout<br>34–35 Pressure test ON<br>36–37 Pressure test OFF<br>38–39 NoFeature 1<br>40–44 PT mode Speed<br>45–49 PT mode Time<br>50–54 BO while PAN TILT moving: ON<br>55–59 BO while PAN TILT moving: OFF<br>60–69 Reserved<br>70–74 BO while color wheels moving: ON<br>75–79 BO while color wheels moving: OFF<br>80–84 Fan mode Auto<br>85–89 Fan mode High<br>90–92 Fan mode Super Quiet<br>93–94 NoFeature 2<br>95–99 Dimmer curve: Super Square Law<br>100–109 NoFeature 3<br>110–114 Dimmer curve: Square law<br>115–119 Dimmer curve: Linear<br>120–124 Parking position ON<br>125–129 Parking position OFF<br>130–139 Fixture reset (except pan/tilt)<br>140–149 PositionReset<br>150–159 Color system reset<br>160–169 NoFeature 4<br>170–174 Pan Reset<br>175–179 Tilt Reset<br>180–189 Zoom/focus/frost/prism reset<br>190–199 Barndoors/scrim reset<br>200–209 Total fixture reset<br>210–210 ON Static movement reset<br>211–211 OFF Static movement reset<br>212–212 Calibrate reset<br>213–239 NoFeature 5<br>240–240 Disabled Quiet mode<br>241–255 Quiet mode min to max |
| 7 | L EDFrequency | 10 | 0–4 PWM frequency from Display menu<br>5–9 300 Hz<br>10–14 600 Hz<br>15–19 1200 Hz<br>20–24 2400 Hz<br>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<br>11–20 Indication of drop of max light intensity<br>21–30 Set drop by 6-10% (RED)<br>31–40 Set drop by 11-15% (GREEN)<br>41–50 Set drop by 16-20% (BLUE)<br>51–60 Set drop by 21-25% (CYAN)<br>61–70 Set drop by 26-30% (MAGENTA)<br>71–80 Set drop by 31-35% (YELLOW)<br>81–90 Set drop by 36-40% (ORANGE)<br>91–100 Original intensity (WHITE)<br>101–255 NoFeature |
| **10** | Color Wheel | 0 | 0–10 Open/white - continual (wheel slot 1)<br>11–31 Deep red - continual (wheel slot 2)<br>32–53 Deep blue - continual (wheel slot 3)<br>54–75 Orange - continual (wheel slot 4)<br>76–96 Green - continual (wheel slot 5)<br>97–117 Congo Blue - continual (wheel slot 6)<br>118–127 Open/white - continual (wheel slot 1)<br>128–129 Open/white - step (wheel slot 1)<br>130–141 Deep red - step (wheel slot 2)<br>142–153 Deep blue - step (wheel slot 3)<br>154–165 Orange - step (wheel slot 4)<br>166–177 Green - step (wheel slot 5)<br>178–189 Congo blue - step (wheel slot 6)<br>190–211 Fast to slow - Fast<br>212–215 Fast to slow - Slow<br>216–217 No Rotation middle<br>218–240 Slow to fast - Slow<br>241–243 Slow to fast - Fast<br>244–249 Random color selection by audio control<br>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)<br>11–31 Multicolor - continual (wheel slot 2)<br>32–53 Laser green - continual (wheel slot 3)<br>54–75 Lavander - continual (wheel slot 4)<br>76–96 CRI 80 - continual (wheel slot 5)<br>97–117 CRI 90 - continual (wheel slot 6)<br>118–127 Open/white - continual (wheel slot 1)<br>128–129 Open/white - step (wheel slot 1)<br>130–141 Multicolor - step (wheel slot 2)<br>142–153 Laser green - step (wheel slot 3)<br>154–165 Lavander - step (wheel slot 4)<br>166–177 CRI 80 - step (wheel slot 5)<br>178–189 CRI 90 - step (wheel slot 6)<br>190–211 Fast to slow - Fast<br>212–215 Fast to slow - Slow<br>216–217 No Rotation middle<br>218–240 Slow to fast - Slow<br>241–243 Slow to fast - Fast<br>244–249 Random color selection by audio control<br>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<br>255–255 3000K |

## Mode 1 - Standard 16 bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **18** | Tint | 128 | 0–0 Uncorrected white<br>1–127 Minus green - > Uncorrected white<br>128–128 Uncorrected white<br>129–255 Uncorrected white - > Plus green |
| **19** | Color Macro1 | 0 | |
| **20** | Color Mix MSpeed | 0 | 0–0 Function is OFF<br>1–254 Min time mode<br>255–255 Max time mode |
| **21** | Frame MSpeed | 0 | 0–0 Function is OFF<br>1–254 Min time mode<br>255–255 Max time mode |
| **22** | Scrim Pos | 0 | 0–0 No function<br>1–255 Scrim inserting |
| **23** | Scrim Index | 128 | 0–63 Scrim indexing 0 deg<br>64–127 Scrim indexing 90 deg<br>128–191 Scrim indexing 180 deg<br>192–254 Scrim indexing 270 deg<br>255–255 Scrim indexing 360 deg |
| **24** | Frost1 | 0 | 0–0 Open<br>1–50 Light Frost from 0% to 100%<br>51–53 100% Light frost<br>54–63 Pulse closing from slow to fast<br>64–73 Pulse opening from fast to slow<br>74–83 Ramping from fast to slow<br>84–86 Open<br>87–136 Medium Frost from 0% to 100%<br>137–139 100% Medium Frost<br>140–149 Pulse closing from slow to fast<br>150–159 Pulse opening from fast to slow<br>160–169 Ramping from fast to slow<br>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** | Blade1Rot | 128 | |
| **31** | Blade4A | 0 | |
| **32** | Blade4Rot | 128 | |
| **33** | Blade3A | 0 | |
| **34** | Blade3Rot | 128 | |
| **35** | Blade2A | 0 | |
| **36** | Blade2Rot | 128 | |

## Mode 1 - Standard 16 bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **37** | Shutter / Strobe | 32 | 0–31 Closed<br>32–63 Open<br>64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz<br>80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz<br>95–95 Strobe · Slow to fast 12/12 20 Hz<br>96–127 open<br>128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz<br>135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz<br>141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz<br>144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz<br>150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz<br>156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz<br>160–191 open<br>192–223 Random strobe from slow to fast<br>224–255 open |
| **38** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **39** | Dimmer Fine | 0 | Fine byte of Dimmer |