Robe Lighting

# Robin iPAINTE LTM WB



| | |
|---|---|
| Manufacturer | **Robe Lighting** |
| Type | **Profile spot** |
| DMX modes | **1** |
| DMX footprint | **51 channels** |
| Beam angle | **3-52°** |
| Pan range | **540°** |
| Tilt range | **270°** |
| Size (W × H × D) | **286 × 489 × 254 mm** |
| GDTF fixture type | **096D12C1-2B1F-4FB1-BACE-08…** |

## Controls

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

## DMX modes

Mode 1 - Standard 16bit — 51 ch

## Mode 1 - Standard 16bit

51 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 | |
| 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>25–29 High<br>30–255 NoFeature |
| 8 | L EDFrequency Adjust | 128 | |
| 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 | 0–5 Open/white - continual (wheel slot 1)<br>6–17 Deep red (wheel slot 2)<br>18–31 Deep blue (wheel slot 3)<br>32–44 Light green (wheel slot 4)<br>45–56 Lavender (wheel slot 5)<br>57–69 Orange (wheel slot 6)<br>70–82 Multicolor (wheel slot 7)<br>83–95 Filter CRI 90 (wheel slot 8)<br>96–108 CTO 3200K (wheel slot 9)<br>109–120 Congo blue (wheel slot 10)<br>121–127 Open (wheel slot 1)<br>128–129 Open - step (wheel slot 1)<br>130–136 Deep red - step (wheel slot 2)<br>137–142 Deep blue - step (wheel slot 3)<br>143–149 Light green - step (wheel slot 4)<br>150–155 Lavender - step (wheel slot 5)<br>156–162 Orange - step (wheel slot 6)<br>163–168 Multicolor - step (wheel slot 7)<br>169–175 Filter CRI 90 - step (wheel slot 8)<br>176–182 CTO 3200K - step (wheel slot 9)<br>183–189 Congo blue - step (wheel slot 10)<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 Reserved<br>250–255 Auto random color selection from fast to slow |
| 11 | Color Wheel Fine | 0 | Fine byte of Color Wheel |
| 12 | Cyan | 0 | |
| 13 | Magenta | 0 | |

## Mode 1 - Standard 16bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **14** | Yellow | 0 | |
| **15** | C TO | 0 | 0–46 6700<br>47–71 6000<br>72–112 5600<br>113–134 5000<br>135–158 4800<br>159–182 4500<br>183–205 4000<br>206–227 3600<br>228–235 3200<br>236–248 3000<br>249–254 2800<br>255–255 2700 |
| **16** | 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 |

## Mode 1 - Standard 16bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **17** | Color Wheel 2 | 0 | 0–0 No function (wheel slot 1)<br>1–2 Filter 4 (Medium Bastard Amber) (wheel slot 2)<br>3–4 Filter 10 (Medium Yellow) (wheel slot 3)<br>5–6 Filter 19 (Fire) (wheel slot 4)<br>7–8 Filter 26 (Bright Red) (wheel slot 5)<br>9–10 Filter 58 (Lavender) (wheel slot 6)<br>11–12 Filter 68 (Sky Blue) (wheel slot 7)<br>13–14 Filter 71 (Tokyo Blue) (wheel slot 8)<br>15–16 Filter 79 (Just Blue) (wheel slot 9)<br>17–18 Filter 88 (Lime Green) (wheel slot 10)<br>19–20 Filter 90 (Dark Yellow Green) (wheel slot 11)<br>21–22 Filter 100 (Spring Yellow) (wheel slot 12)<br>23–24 Filter 101 (Yellow) (wheel slot 13)<br>25–26 Filter 102 (Light Amber) (wheel slot 14)<br>27–28 Filter 103 (Straw) (wheel slot 15)<br>29–30 Filter 104 (Deep Amber) (wheel slot 16)<br>31–32 Filter 105 (Orange) (wheel slot 17)<br>33–34 Filter 106 (Primary Red) (wheel slot 18)<br>35–36 Filter 111 (Dark Pink) (wheel slot 19)<br>37–38 Filter 115 (Peacock Blue) (wheel slot 20)<br>39–40 Filter 116 (Medium Blue - Green) (wheel slot 21)<br>41–42 Filter 117 (Steel Blue) (wheel slot 22)<br>43–44 Filter 118 (Light Blue) (wheel slot 23)<br>45–46 Filter 119 (Dark Blue) (wheel slot 24)<br>47–48 Filter 120 (Deep Blue) (wheel slot 25)<br>49–50 Filter 121 (Filter Green) (wheel slot 26)<br>51–52 Filter 128 (Bright Pink) (wheel slot 27)<br>53–54 Filter 131 (Marine Blue) (wheel slot 28)<br>55–56 Filter 132 (Medium Blue) (wheel slot 29)<br>57–58 Filter 134 (Golden Amber) (wheel slot 30)<br>59–60 Filter 135 (Deep Golden Amber) (wheel slot 31)<br>61–62 Filter 136 (Pale Lavender) (wheel slot 32)<br>63–64 Filter 137 (Special Lavender) (wheel slot 33)<br>65–66 Filter 138 (Pale Green) (wheel slot 34)<br>67–68 Filter 139 (Primary Green) (wheel slot 35)<br>69–70 Filter 141 (Bright Blue) (wheel slot 36)<br>71–72 Filter 147 (Apricot) (wheel slot 37)<br>73–74 Filter 148 (Bright Rose) (wheel slot 38)<br>75–76 Filter 152 (Pale Gold) (wheel slot 39)<br>77–78 Filter 154 (Pale Rose) (wheel slot 40)<br>79–80 Filter 157 (Pink) (wheel slot 41)<br>81–82 Filter 158 (Deep Orange) (wheel slot 42)<br>83–84 Filter 162 (Bastard Amber) (wheel slot 43)<br>85–86 Filter 164 (Flame Red) (wheel slot 44)<br>87–88 Filter 165 (Daylight Blue) (wheel slot 45)<br>89–90 Filter 169 (Lilac Tint) (wheel slot 46)<br>91–92 Filter 170 (Deep Lavender) (wheel slot 47)<br>93–94 Filter 172 (Lagoon Blue) (wheel slot 48)<br>95–96 Filter 179 (Chrome Orange) (wheel slot 49)<br>97–98 Filter 180 (Dark Lavender) (wheel slot 50)<br>99–100 Filter 181 (Congo Blue) (wheel slot 51)<br>101–102 Filter 197 (Alice Blue) (wheel slot 52)<br>103–104 Filter 201 (Full CT Blue) (wheel slot 53)<br>105–106 Filter 202 (Half CT Blue) (wheel slot 54)<br>107–108 Filter 203 (Quarter CT Blue) (wheel slot 55)<br>109–110 Filter 204 (Full CT Orange) (wheel slot 56)<br>111–112 Filter 205 (Half CT Orange) (wheel slot 57)<br>113–114 Filter 206 (Quarter CT Orange) (wheel slot 58)<br>115–116 Filter 247 (Filter Minus Green) (wheel slot 59)<br>117–118 Filter 248 (Half Minus Green) (wheel slot 60)<br>119–120 Filter 281 (Three Quarter CT Blue) (wheel slot 61)<br>121–122 Filter 285 (Three Quarter CT Orange) (wheel slot 62)<br>123–124 Filter 352 (Glacier Blue) (wheel slot 63)<br>125–126 Filter 353 (Lighter Blue) (wheel slot 64) |

## Mode 1 - Standard 16bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **18** | Effect Speed | 0 | 0–254 Max speed<br>255–255 Min speed |
| **19** | Color Mix MSpeed | 0 | 0–0 Function is OFF<br>1–254 max<br>255–255 min |
| **20** | Focus MSpeed | 0 | 0–0 Function is OFF<br>1–254 max<br>255–255 min |
| **21** | Animation System1 | 0 | 0–19 Open (wheel slot 1)<br>20–127 Proportional indexing (wheel slot 2)<br>128–169 Ramping from open to full position max (wheel slo...<br>170–170 Ramping from open to full position min (wheel slo...<br>171–212 Ramping from open to half position max (wheel sl...<br>213–213 Ramping from open to half position min (wheel sl...<br>214–254 Ramp from half position to full position max (whe...<br>255–255 Ramp from half position to full position min (whee... |
| **22** | Animation System1Pos | 128 | 0–0 No rotation (wheel slot 2)<br>1–124 CW rotation - Fast (wheel slot 2)<br>125–127 CW rotation - Slow (wheel slot 2)<br>128–128 No rotation (wheel slot 2)<br>129–232 CCW rotation - Slow (wheel slot 2)<br>233–255 CCW rotation - Fast (wheel slot 2) |
| **23** | Animation System1Macro | 0 | 0–7 No animation<br>8–9 Macro 1 (Focus=159)<br>10–11 Macro 2 (Focus=144)<br>12–13 Macro 3 (Focus=146)<br>14–15 Macro 4 (Focus=160)<br>16–17 Macro 5 (Focus=181)<br>18–19 Macro 6 (Focus=181)<br>20–21 Macro 7 (Focus=166)<br>22–23 Macro 8 (Focus=142)<br>24–25 Macro 9 (Focus=151)<br>26–27 Macro 10 (Focus=152)<br>28–255 NoFeature |
| **24** | Gobo | 0 | 0–7 Open/hole (wheel slot 1)<br>8–19 Gobo 1 (wheel slot 2)<br>20–31 Gobo 2 (wheel slot 3)<br>32–43 Gobo 3 (wheel slot 4)<br>44–55 Gobo 4 (wheel slot 5)<br>56–67 Gobo 5 (wheel slot 6)<br>68–79 Gobo 6 (wheel slot 7)<br>80–91 Gobo 7 (wheel slot 8)<br>92–103 Gobo 8 (wheel slot 9)<br>104–115 Gobo 1 - Shaking Index (wheel slot 2)<br>116–127 Gobo 2 - Shaking Index (wheel slot 3)<br>128–139 Gobo 3 - Shaking Index (wheel slot 4)<br>140–151 Gobo 4 - Shaking Index (wheel slot 5)<br>152–163 Gobo 5 - Shaking Index (wheel slot 6)<br>164–175 Gobo 6 - Shaking Index (wheel slot 7)<br>176–187 Gobo 7 - Shaking Index (wheel slot 8)<br>188–199 Gobo 8 - Shaking Index (wheel slot 9)<br>200–201 Open/hole (wheel slot 1)<br>202–219 Fast to slow - fast<br>220–222 Fast to slow - slow<br>223–238 Slow to fast - slow<br>239–243 Slow to fast - fast<br>244–249 Random gobo selection by audio control<br>250–255 Auto random gobo selection from fast to slow |

## Mode 1 - Standard 16bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **25** | Gobo 2 | 0 | 0–13 Open/hole (wheel slot 1)<br>14–16 LT FollowSpot mode (wheel slot 9)<br>17–19 Gobo 1 (wheel slot 2)<br>20–22 Gobo 2 (wheel slot 3)<br>23–25 Gobo 3 (wheel slot 4)<br>26–28 Gobo 4 (wheel slot 5)<br>29–31 Gobo 5 (wheel slot 6)<br>32–34 Gobo 6 (wheel slot 7)<br>35–37 Gobo 7 (wheel slot 8)<br>38–40 LT FollowSpot mode (wheel slot 9)<br>41–43 Gobo 1 - Rotation (wheel slot 2)<br>44–46 Gobo 2 - Rotation (wheel slot 3)<br>47–49 Gobo 3 - Rotation (wheel slot 4)<br>50–52 Gobo 4 - Rotation (wheel slot 5)<br>53–55 Gobo 5 - Rotation (wheel slot 6)<br>56–58 Gobo 6 - Rotation (wheel slot 7)<br>59–61 Gobo 7 - Rotation (wheel slot 8)<br>62–68 Open prop index (wheel slot 1)<br>69–75 G01 Prop Index (wheel slot 2)<br>76–82 G02 Prop Index (wheel slot 3)<br>83–89 G03 Prop Index (wheel slot 4)<br>90–96 G04 Prop Index (wheel slot 5)<br>97–103 G05 Prop Index (wheel slot 6)<br>104–110 G06 Prop Index (wheel slot 7)<br>111–117 G07 Prop Index (wheel slot 8)<br>118–124 G07Prop Index (wheel slot 9)<br>125–125 Open prop index (wheel slot 1)<br>126–132 Open Prop Rot (wheel slot 1)<br>133–139 G01 Prop Rot (wheel slot 2)<br>140–146 G02 Prop Rot (wheel slot 3)<br>147–153 G03 Prop Rot (wheel slot 4)<br>154–160 G04 Prop Rot (wheel slot 5)<br>161–167 G05 Prop Rot (wheel slot 6)<br>168–174 G06 Prop Rot (wheel slot 7)<br>175–181 G07 Prop Rot (wheel slot 8)<br>182–189 Reducer Prop Rot (wheel slot 9)<br>190–201 Open Prop Rot (wheel slot 1)<br>202–219 Fast to slow - Fast<br>220–222 Fast to slow - slow<br>223–238 Slow to fast - slow<br>239–243 Slow to fast - fast<br>244–249 Random gobo selection by audio control<br>250–255 Auto random gobo selection from fast to slow |
| **26** | Gobo 2 Fine | 0 | Fine byte of Gobo 2 |
| **27** | Gobo Rotation 2 | 128 | 0–0 Gobo indexing min<br>1–123 CW rotation - Fast<br>124–127 CW rotation - Slow<br>128–128 Gobo indexing center<br>129–231 CCW rotation - Slow<br>232–255 CCW rotation - Fast |
| **28** | Gobo Rotation 2 Fine | 0 | Fine byte of Gobo Rotation 2 |

## Mode 1 - Standard 16bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **29** | Prism | 0 | 0–19 Open (wheel slot 1)<br>20–73 Prism 1 Indexing (wheel slot 2)<br>74–127 Prism 1 Rotation (wheel slot 2)<br>128–135 Macro 1 (wheel slot 3)<br>136–143 Macro 2 (wheel slot 5)<br>144–151 Macro 3 (wheel slot 6)<br>152–159 Macro 4 (wheel slot 7)<br>160–167 Macro 5 (wheel slot 8)<br>168–175 Macro 6 (wheel slot 9)<br>176–183 Macro 7 (wheel slot 10)<br>184–191 Macro 8 (wheel slot 11)<br>192–199 Macro 9 (wheel slot 12)<br>200–207 Macro 10 (wheel slot 13)<br>208–215 Macro 11 (wheel slot 14)<br>216–223 Macro 12 (wheel slot 15)<br>224–231 Macro 13 (wheel slot 16)<br>232–239 Macro 14 (wheel slot 17)<br>240–247 Macro 15 (wheel slot 18)<br>248–255 Macro 16 (wheel slot 19) |
| **30** | Prism Rotation | 128 | 0–0 Prism Indexing (wheel slot 2)<br>1–124 CW rotation - Fast<br>125–127 CW rotation - Slow<br>128–128 No rotation middle<br>129–232 CCW rotation - Slow<br>233–255 CCW rotation - Fast |
| **31** | Prism | 16 | 0–19 Open (wheel slot 1)<br>20–127 Prism 1 - Rotation (wheel slot 2)<br>128–135 Macro 1 (wheel slot 3)<br>136–143 Macro 2 (wheel slot 5)<br>144–151 Macro 3 (wheel slot 6)<br>152–159 Macro 4 (wheel slot 7)<br>160–167 Macro 5 (wheel slot 8)<br>168–175 Macro 6 (wheel slot 9)<br>176–183 Macro 7 (wheel slot 10)<br>184–191 Macro 8 (wheel slot 11)<br>192–199 Macro 9 (wheel slot 12)<br>200–207 Macro 10 (wheel slot 13)<br>208–215 Macro 11 (wheel slot 14)<br>216–223 Macro 12 (wheel slot 15)<br>224–231 Macro 13 (wheel slot 16)<br>232–239 Macro 14 (wheel slot 17)<br>240–247 Macro 15 (wheel slot 18)<br>248–255 Macro 16 (wheel slot 19) |
| **32** | Prism Rotation | 128 | 0–0 No rotation<br>1–124 CW rotation - Fast<br>125–127 CW rotation - Slow<br>128–128 No rotation middle<br>129–232 CCW rotation - Slow<br>233–255 CCW rotation - Fast |
| **33** | Frost1 | 0 | 0–0 Open<br>1–53 Frost 0% to 100%<br>54–63 Pulse close - slow to fast<br>64–73 Pulse open - fast to slow<br>74–83 Ramping - fast to slow<br>84–86 Open<br>87–139 Frost 0% to 100%<br>140–149 Pulse close - slow to fast<br>150–159 Pulse open - fast to slow<br>160–169 Ramping - fast to slow<br>170–255 NoFeature 1 |

## Mode 1 - Standard 16bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **34** | Iris | 0 | 0–179 Open<br>180–191 Closed<br>192–216 Slow to fast 1/13<br>217–219 Slow to fast 13/13<br>220–243 Fast to slow 1/13<br>244–247 Fast to slow 13/13<br>248–249 Random pulse opening fast<br>250–251 Random pulse opening slow<br>252–253 Random pulse closing fast<br>254–255 Random pulse closing slow |
| **35** | Iris Fine | 0 | Fine byte of Iris |
| **36** | Zoom | 128 | |
| **37** | Zoom Fine | 0 | Fine byte of Zoom |
| **38** | Focus | 128 | |
| **39** | Focus Fine | 0 | Fine byte of Focus |
| **40** | Shaper Rot | 128 | |
| **41** | Blade1A | 0 | |
| **42** | Blade1Rot | 128 | |
| **43** | Blade4A | 0 | |
| **44** | Blade4Rot | 128 | |
| **45** | Blade3A | 0 | |
| **46** | Blade3Rot | 128 | |
| **47** | Blade2A | 0 | |
| **48** | Blade2Rot | 128 | |
| **49** | Shutter / Strobe | 32 | 0–31 Closed<br>32–63 Open<br>64–94 Strobe · Slow to fast 1/12 0.3–19.4 Hz<br>95–95 Strobe · Slow to fast 12/12 20 Hz<br>96–127 open<br>128–140 StrobePulseOpen · Slow to fast 1/7 0.1–0.42 Hz<br>141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz<br>144–155 StrobePulseClose · Fast to slow 1/7 0.5–0.207 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 |
| **50** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **51** | Dimmer Fine | 0 | Fine byte of Dimmer |