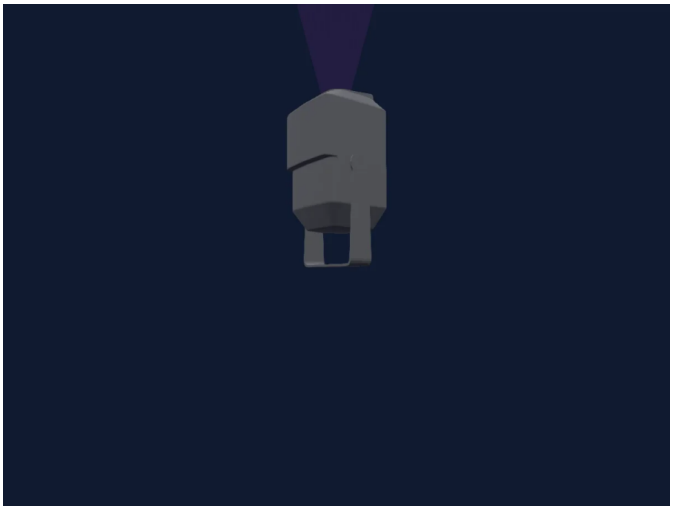
CINDY

# CL-600E PRO



| | |
|---|---|
| Manufacturer | **CINDY** |
| Type | **Profile spot** |
| DMX modes | **2** |
| DMX footprint | **32, 48 channels** |
| Beam angle | **6.2-54.1°** |
| Size (W × H × D) | **303 × 393 × 90 mm** |
| GDTF fixture type | **E1813E11-D4B4-4408-8389-61…** |

## Controls

Focus · Frost · Prism · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Animation wheel · Gobos

## Safety-relevant functions

Fixture reset · Built-in effect programmes

## DMX modes

| | |
|---|---|
| 32CH | 32 ch |
| 48CH | 48 ch |

## 32CH

32 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 2 | Shutter / Strobe | 6 | 0–3 Closed<br>4–7 Open<br>8–8 STROBE · Slow 0.1 Hz<br>9–75 STROBE · Slow > Fast 0.393–19.7 Hz<br>76–76 STROBE · Fast 20 Hz<br>77–77 PULSE STROBE · Slow 0.1 Hz<br>78–144 PULSE STROBE · Slow > Fast 0.393–19.7 Hz<br>145–145 PULSE STROBE · Fast 20 Hz<br>146–146 RANDOM STROBE · Slow 0.1 Hz<br>147–214 RANDOM STROBE · Slow > Fast 0.388–19.7 Hz<br>215–215 RANDOM STROBE · Fast 20 Hz<br>216–255 Open |
| 3 | Effect | 0 | 0–1 Open<br>2–2 Slow<br>3–127 Slow > Fast<br>128–128 Fast<br>129–129 Slow<br>130–254 Slow > Fast<br>255–255 Fast |
| 4 | Cyan | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 5 | Magenta | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 6 | Yellow | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 7 | C TO | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 8 | Color Wheel | 0 | 0–6 Open (wheel slot 1)<br>7–13 C1 (wheel slot 2)<br>14–20 C2 (wheel slot 3)<br>21–27 C3 (wheel slot 4)<br>28–34 C4 (wheel slot 5)<br>35–41 C5 (wheel slot 6)<br>42–48 C6 (wheel slot 7)<br>49–59 C7 (wheel slot 8)<br>60–70 Open - Split Colors<br>71–85 White/Red - Color Split<br>86–106 Red/Orange - Color Split<br>107–124 Orange/Green - Color Split<br>125–140 Green/Blue - Color Split<br>141–159 Blue/CTO - Color Split<br>160–178 CTO/CTB - Color Split<br>179–187 Open White<br>188–219 F > S - Rotate CW<br>220–223 Stop - Stop Loop<br>224–255 S > F - Rotate CCW |

## 32CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **9** | Gobo | 0 | 0–15 Open (wheel slot 1)<br>16–31 Gobo 1 (wheel slot 2)<br>32–47 Gobo 2 (wheel slot 3)<br>48–63 Gobo 3 (wheel slot 4)<br>64–79 Gobo 4 (wheel slot 5)<br>80–95 Gobo 5 (wheel slot 6)<br>96–111 Gobo 6 (wheel slot 7)<br>112–127 Gobo 7 (wheel slot 8)<br>128–143 Gobo 7 Shake (wheel slot 8)<br>144–159 Gobo 6 Shake (wheel slot 7)<br>160–175 Gobo 5 Shake (wheel slot 6)<br>176–191 Gobo 4 Shake (wheel slot 5)<br>192–207 Gobo 3 Shake (wheel slot 4)<br>208–223 Gobo 2 Shake (wheel slot 3)<br>224–239 Gobo 1 Shake (wheel slot 2)<br>240–255 Open (wheel slot 1) |
| **10** | Gobo Rotation | 32 | 0–31 CW<br>32–32 Home - Index<br>33–63 CCW<br>64–145 F > S - CW<br>146–149 Stop<br>150–231 S > F - CCW<br>232–232 Short<br>233–254 Short > Long<br>255–255 Long |
| **11** | Gobo 2 | 0 | 0–15 Open (wheel slot 1)<br>16–31 Gobo 1 (wheel slot 2)<br>32–47 Gobo 2 (wheel slot 3)<br>48–63 Gobo 3 (wheel slot 4)<br>64–79 Gobo 4 (wheel slot 5)<br>80–95 Gobo 5 (wheel slot 6)<br>96–111 Gobo 6 (wheel slot 7)<br>112–127 Gobo 7 (wheel slot 8)<br>128–143 Gobo 7 Shake (wheel slot 8)<br>144–159 Gobo 6 Shake (wheel slot 7)<br>160–175 Gobo 5 Shake (wheel slot 6)<br>176–191 Gobo 4 Shake (wheel slot 5)<br>192–207 Gobo 3 Shake (wheel slot 4)<br>208–223 Gobo 2 Shake (wheel slot 3)<br>224–239 Gobo 1 Shake (wheel slot 2)<br>240–255 Open (wheel slot 1) |
| **12** | Gobo Rotation 2 | 32 | 0–31 CW<br>32–32 Home<br>33–63 CCW<br>64–145 F > S - CW<br>146–149 Stop<br>150–231 S > F - CCW<br>232–232 Short<br>233–254 Short > Long<br>255–255 Long |
| **13** | Animation Wheel1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **14** | Animation Wheel1Pos Rotate | 128 | 0–124 F > S - CW<br>125–130 Stop<br>131–255 S > F - CCW |
| **15** | Blade1A | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

## 32CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **16** | Blade1B | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **17** | Blade3A | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **18** | Blade3B | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **19** | Blade2A | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **20** | Blade2B | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **21** | Blade4A | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **22** | Blade4B | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **23** | Shaper Rot | 128 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **24** | Focus | 127 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **25** | Zoom | 127 | 0–0 Wide<br>1–254 Wide > Narrow<br>255–255 Narrow |
| **26** | Prism | 0 | 0–4 Open (wheel slot 1)<br>5–255 Prism (wheel slot 2) |
| **27** | Prism Rotation | 64 | 0–63 Min<br>64–126 Home<br>127–127 Max<br>128–189 F > S - Rotate CW<br>190–193 Stop<br>194–255 S > F - Rotate CCW |
| **28** | Frost1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **29** | Step | 0 | |
| **30** | Auto Run Hold Time | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **31** | Auto Run Hold Time1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

### 32CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **32** | Control1 | 0 | 0–15 No Func<br>16–23 Color Wheel - Blackout<br>24–47 Gobo - Blackout<br>48–56 All Blackout<br>57–57 PWM 600Hz<br>58–58 PWM 1200Hz<br>59–59 PWM 2000Hz<br>60–60 PWM 4000Hz<br>61–61 PWM 6000Hz<br>62–63 PWM 15000Hz<br>64–64 Dimmer Curve - Linear<br>65–65 Dimmer Curve - Square<br>66–66 Dimmer Curve - I Square<br>67–67 Dimmer Curve - Scurve<br>68–79 Dimmer Curve - Linear 2<br>80–81 Program<br>82–83 Check Steps<br>84–85 Auto Run On<br>86–87 Auto Run Off<br>88–89 Delete Current Step<br>90–91 Delete All Steps<br>92–93 Step Jump<br>94–111 5s Fade<br>112–119 Color Reset<br>120–127 Gobo Reset<br>128–131 Auto CTB On<br>132–135 Auto CTB Off<br>136–143 Prism Reset<br>144–151 Frame Reset<br>152–167 All Reset<br>168–175 Frost Reset<br>176–183 Zoom Reset<br>184–191 CMY/CTO Reset<br>192–199 Fan ECO<br>200–207 Fan Full<br>208–215 Fan Auto<br>216–220 Fan TV 25<br>221–230 Fan TV 35<br>231–235 Shortcut On<br>236–255 Shortcut Off |

## 48CH

48 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **2** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **3** | Shutter / Strobe | 6 | 0–3 Closed<br>4–7 Open<br>8–8 STROBE · Slow 0.1 Hz<br>9–75 STROBE · Slow > Fast 0.393–19.7 Hz<br>76–76 STROBE · Fast 20 Hz<br>77–77 PULSE STROBE · Slow 0.1 Hz<br>78–144 PULSE STROBE · Slow > Fast 0.393–19.7 Hz<br>145–145 PULSE STROBE · Fast 20 Hz<br>146–146 RANDOM STROBE · Slow 0.1 Hz<br>147–214 RANDOM STROBE · Slow > Fast 0.388–19.7 Hz<br>215–215 RANDOM STROBE · Fast 20 Hz<br>216–255 Open |

## 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **4** | Effect | 0 | 0–1 Open<br>2–2 Slow<br>3–127 Slow > Fast<br>128–128 Fast<br>129–129 Slow<br>130–254 Slow > Fast<br>255–255 Fast |
| **5** | Cyan | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **6** | Magenta | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **7** | Yellow | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **8** | C TO | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **9** | Color Wheel | 0 | 0–6 Open (wheel slot 1)<br>7–13 C1 (wheel slot 2)<br>14–20 C2 (wheel slot 3)<br>21–27 C3 (wheel slot 4)<br>28–34 C4 (wheel slot 5)<br>35–41 C5 (wheel slot 6)<br>42–48 C6 (wheel slot 7)<br>49–59 C7 (wheel slot 8)<br>60–70 Open - Split Colors<br>71–85 White/Red - Color Split<br>86–106 Red/Orange - Color Split<br>107–124 Orange/Green - Color Split<br>125–140 Green/Blue - Color Split<br>141–159 Blue/CTO - Color Split<br>160–178 CTO/CTB - Color Split<br>179–187 Open White<br>188–219 F > S - Rotate CW<br>220–223 Stop - Stop Loop<br>224–255 S > F - Rotate CCW |
| **10** | Gobo | 0 | 0–15 Open (wheel slot 1)<br>16–31 Gobo 1 (wheel slot 2)<br>32–47 Gobo 2 (wheel slot 3)<br>48–63 Gobo 3 (wheel slot 4)<br>64–79 Gobo 4 (wheel slot 5)<br>80–95 Gobo 5 (wheel slot 6)<br>96–111 Gobo 6 (wheel slot 7)<br>112–127 Gobo 7 (wheel slot 8)<br>128–143 Gobo 7 Shake (wheel slot 8)<br>144–159 Gobo 6 Shake (wheel slot 7)<br>160–175 Gobo 5 Shake (wheel slot 6)<br>176–191 Gobo 4 Shake (wheel slot 5)<br>192–207 Gobo 3 Shake (wheel slot 4)<br>208–223 Gobo 2 Shake (wheel slot 3)<br>224–239 Gobo 1 Shake (wheel slot 2)<br>240–255 Open (wheel slot 1) |

## 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Gobo Rotation | 32 | 0–31 CW<br>32–63 Home<br>64–145 F > S CW<br>146–149 Stop<br>150–231 S > F CCW<br>232–254 Short<br>255–255 Long |
| **12** | Gobo Rotation Fine | 0 | Fine byte of Gobo Rotation |
| **13** | Gobo 2 | 0 | 0–15 Open (wheel slot 1)<br>16–31 Gobo 1 (wheel slot 2)<br>32–47 Gobo 2 (wheel slot 3)<br>48–63 Gobo 3 (wheel slot 4)<br>64–79 Gobo 4 (wheel slot 5)<br>80–95 Gobo 5 (wheel slot 6)<br>96–111 Gobo 6 (wheel slot 7)<br>112–127 Gobo 7 (wheel slot 8)<br>128–143 Gobo 7 Shake (wheel slot 8)<br>144–159 Gobo 6 Shake (wheel slot 7)<br>160–175 Gobo 5 Shake (wheel slot 6)<br>176–191 Gobo 4 Shake (wheel slot 5)<br>192–207 Gobo 3 Shake (wheel slot 4)<br>208–223 Gobo 2 Shake (wheel slot 3)<br>224–239 Gobo 1 Shake (wheel slot 2)<br>240–255 Open (wheel slot 1) |
| **14** | Gobo Rotation 2 | 32 | 0–31 CW<br>32–63 Home<br>64–145 F > S CW<br>146–149 Stop<br>150–231 S > F CCW<br>232–254 Short<br>255–255 Long |
| **15** | Gobo Rotation 2 Fine | 0 | Fine byte of Gobo Rotation 2 |
| **16** | Animation Wheel1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **17** | Animation Wheel1Pos Rotate | 128 | 0–124 F > S CW<br>125–130 Stop<br>131–255 S > F CCW |
| **18** | Blade1A | 0 | |
| **19** | Blade1A Fine | 0 | Fine byte of Blade1A |
| **20** | Blade1B | 0 | |
| **21** | Blade1B Fine | 0 | Fine byte of Blade1B |
| **22** | Blade3A | 0 | |
| **23** | Blade3A Fine | 0 | Fine byte of Blade3A |
| **24** | Blade3B | 0 | |
| **25** | Blade3B Fine | 0 | Fine byte of Blade3B |
| **26** | Blade2A | 0 | |
| **27** | Blade2A Fine | 0 | Fine byte of Blade2A |
| **28** | Blade2B | 0 | |
| **29** | Blade2B Fine | 0 | Fine byte of Blade2B |
| **30** | Blade4A | 0 | |
| **31** | Blade4A Fine | 0 | Fine byte of Blade4A |
| **32** | Blade4B | 0 | |
| **33** | Blade4B Fine | 0 | Fine byte of Blade4B |

## 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **34** | Shaper Rot | 128 | |
| **35** | Shaper Rot Fine | 0 | Fine byte of Shaper Rot |
| **36** | Focus | 127 | |
| **37** | Focus Fine | 255 | Fine byte of Focus |
| **38** | Zoom | 127 | 0–254 Wide<br>255–255 Narrow |
| **39** | Zoom Fine | 255 | Fine byte of Zoom |
| **40** | Prism | 0 | 0–4 Open (wheel slot 1)<br>5–255 Prism (wheel slot 2) |
| **41** | Prism Rotation | 64 | 0–63 Min<br>64–126 Home<br>127–127 Max<br>128–189 F > S - Rotate CW<br>190–193 Stop<br>194–255 S > F - Rotate CCW |
| **42** | Frost1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **43** | Color Macro1 | 0 | 0–9 Open<br>10–10 Fast<br>11–254 F > S<br>255–255 Slow |
| **44** | Color Macro1Rate | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **45** | Step | 0 | |
| **46** | Auto Run Hold Time | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **47** | Auto Run Hold Time1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

## 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **48** | Control1 | 0 | 0–15 No Func<br>16–23 Color Wheel - Blackout<br>24–47 Gobo - Blackout<br>48–56 All Blackout<br>57–57 PWM 600Hz<br>58–58 PWM 1200Hz<br>59–59 PWM 2000Hz<br>60–60 PWM 4000Hz<br>61–61 PWM 6000Hz<br>62–63 PWM 15000Hz<br>64–64 Dimmer Curve - Linear<br>65–65 Dimmer Curve - Square<br>66–66 Dimmer Curve - I Square<br>67–67 Dimmer Curve - Scurve<br>68–79 Dimmer Curve - Linear 2<br>80–81 Program<br>82–83 Check Steps<br>84–85 Auto Run On<br>86–87 Auto Run Off<br>88–89 Delete Current Step<br>90–91 Delete All Steps<br>92–93 Step Jump<br>94–111 5s Fade<br>112–119 Color Reset<br>120–127 Gobo Reset<br>128–131 Auto CTB On<br>132–135 Auto CTB Off<br>136–143 Prism Reset<br>144–151 Frame Reset<br>152–167 All Reset<br>168–175 Frost Reset<br>176–183 Zoom Reset<br>184–191 CMY/CTO Reset<br>192–199 Fan ECO<br>200–207 Fan Full<br>208–215 Fan Auto<br>216–220 Fan TV 25<br>221–230 Fan TV 35<br>231–235 Shortcut On<br>236–255 Shortcut Off |