CINDY

CL-2804 PANEL



Manufacturer	**CINDY**
Type	**Effect light**
DMX modes	**5**
DMX footprint	**4, 6, 13, 18, 42 channels**
Beam angle	**25°**
Heads / cells	**4**
Size (W × H × D)	**316 × 235 × 122 mm**
GDTF fixture type	**137DD24B-B370-441C-9467-D5…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

4CH	4 ch
6CH	6 ch
13CH	13 ch
18CH	18 ch
42CH	42 ch

4CH

4 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max

6CH

6 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max
5	C TC	0	0–9 Open 10–10 1800K 11–24 1800K - 2200K 25–25 2200K 26–39 2200K -2700K 40–40 2700K 41–54 2700K -3000K 55–55 3000K 56–69 3000K -3200k 70–70 3200K 71–84 3200K - 4000K 85–85 4000K 86–99 4000K-4500K 100–100 4500K 101–114 4500K-5000K 115–115 5000K 116–129 5000K-5600K 130–130 5600K 131–144 5600K-6000K 145–145 6000K 146–159 6000K-6500K 160–160 6500K 161–174 6500K-7000K 175–175 7000K 176–189 7000K-8000K 190–190 8000K 191–204 8000K-10000K 205–255 10000K

6CH (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–19 No Func 20–24 RGB 25–79 CMY 80–81 Static Mode - Record and ON 82–83 Static Mode - ON 84–85 Static Mode - OFF 86–144 Auto Run OFF 145–149 Dimmer Curve - Linear 150–154 Dimmer Curve - Square 155–159 Dimmer Curve - I-Square 160–184 Dimmer Curve - Scurve 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–255 PWM 15000Hz

13CH

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

13CH (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
3	Color Wheel	0	0–10 Open (wheel slot 1) 11–48 Blue (wheel slot 2) 49–86 Cyan (wheel slot 3) 87–124 Green (wheel slot 4) 125–162 Yellow (wheel slot 5) 163–200 Red (wheel slot 6) 201–238 Magenta (wheel slot 7) 239–239 Blue (wheel slot 8) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow

13CH (continued)

Ch	Function	Default	DMX values
4	C TC	0	0–9 Open 10–10 1800K 11–24 1800K - 2200K 25–25 2200K 26–39 2200K -2700K 40–40 2700K 41–54 2700K -3000K 55–55 3000K 56–69 3000K -3200k 70–70 3200K 71–84 3200K - 4000K 85–85 4000K 86–99 4000K-4500K 100–100 4500K 101–114 4500K-5000K 115–115 5000K 116–129 5000K-5600K 130–130 5600K 131–144 5600K-6000K 145–145 6000K 146–159 6000K-6500K 160–160 6500K 161–174 6500K-7000K 175–175 7000K 176–189 7000K-8000K 190–190 8000K 191–204 8000K-10000K 205–255 10000K
5	Effect	0	
6	Effect 2	0	
7	Effect 3	0	
8	Effect 4	0	
9	Control1	0	0–19 No Func 20–24 RGB 25–79 CMY 80–81 Programming 82–83 Check Steps 84–85 Auto Run 86–87 Auto Run OFF 88–89 Delete Current Step 90–91 Delete All Steps 92–93 Step Jump 94–144 5sec Fade 145–149 Dimmer Curve - Linear 150–154 Dimmer Curve - Square 155–159 Dimmer Curve - I-Square 160–184 Dimmer Curve - Scurve 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–255 PWM 15000Hz
10	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

13CH (continued)

Ch	Function	Default	DMX values
12	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
13	White	255	0–0 Min 1–254 Min > Max 255–255 Max

18CH

18 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Dimmer Fine	255	Fine byte of Dimmer
3	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

18CH (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–10 Open (wheel slot 1) 11–48 Blue (wheel slot 2) 49–86 Cyan (wheel slot 3) 87–124 Green (wheel slot 4) 125–162 Yellow (wheel slot 5) 163–200 Red (wheel slot 6) 201–238 Magenta (wheel slot 7) 239–239 Blue (wheel slot 8) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
5	C TC	0	0–9 Open 10–10 1800K 11–24 1800K - 2200K 25–25 2200K 26–39 2200K -2700K 40–40 2700K 41–54 2700K -3000K 55–55 3000K 56–69 3000K -3200k 70–70 3200K 71–84 3200K - 4000K 85–85 4000K 86–99 4000K-4500K 100–100 4500K 101–114 4500K-5000K 115–115 5000K 116–129 5000K-5600K 130–130 5600K 131–144 5600K-6000K 145–145 6000K 146–159 6000K-6500K 160–160 6500K 161–174 6500K-7000K 175–175 7000K 176–189 7000K-8000K 190–190 8000K 191–204 8000K-10000K 205–255 10000K
6	Control1	0	0–19 No Func 20–24 RGB 25–79 CMY 80–81 Static Mode - Record and ON 82–83 Static Mode - ON 84–85 Static Mode - OFF 86–144 Auto Run OFF 145–149 Dimmer Curve - Linear 150–154 Dimmer Curve - Square 155–159 Dimmer Curve - I-Square 160–184 Dimmer Curve - Scurve 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–255 PWM 15000Hz
7	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

18CH (continued)

Ch	Function	Default	DMX values
8	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
10	White	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
14	White	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
18	White	255	0–0 Min 1–254 Min > Max 255–255 Max

42CH

42 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Dimmer Fine	255	Fine byte of Dimmer

42CH (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
4	Color Wheel	0	0–10 Open (wheel slot 1) 11–48 Blue (wheel slot 2) 49–86 Cyan (wheel slot 3) 87–124 Green (wheel slot 4) 125–162 Yellow (wheel slot 5) 163–200 Red (wheel slot 6) 201–238 Magenta (wheel slot 7) 239–239 Blue (wheel slot 8) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow

42CH (continued)

Ch	Function	Default	DMX values
5	C TC	0	0–9 Open 10–10 1800K 11–24 1800K - 2200K 25–25 2200K 26–39 2200K -2700K 40–40 2700K 41–54 2700K -3000K 55–55 3000K 56–69 3000K -3200k 70–70 3200K 71–84 3200K - 4000K 85–85 4000K 86–99 4000K-4500K 100–100 4500K 101–114 4500K-5000K 115–115 5000K 116–129 5000K-5600K 130–130 5600K 131–144 5600K-6000K 145–145 6000K 146–159 6000K-6500K 160–160 6500K 161–174 6500K-7000K 175–175 7000K 176–189 7000K-8000K 190–190 8000K 191–204 8000K-10000K 205–255 10000K
6	Effect	0	
7	Effect 2	0	
8	Effect 3	0	
9	Effect 4	0	
10	Control1	0	0–19 No Func 20–24 RGB 25–79 CMY 80–81 Programming 82–83 Check Steps 84–85 Auto Run 86–87 Auto Run OFF 88–89 Delete Current Step 90–91 Delete All Steps 92–93 Step Jump 94–144 5sec Fade 145–149 Dimmer Curve - Linear 150–154 Dimmer Curve - Square 155–159 Dimmer Curve - I-Square 160–184 Dimmer Curve - Scurve 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–255 PWM 15000Hz
11	Red	0	0–0 Min 1–254 Min > Max 255–255 Max
12	Red Fine	0	Fine byte of Red
13	Green	0	0–0 Min 1–254 Min > Max 255–255 Max

42CH (continued)

Ch	Function	Default	DMX values
14	Green Fine	0	Fine byte of Green
15	Blue	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Blue Fine	0	Fine byte of Blue
17	White	0	0–0 Min 1–254 Min > Max 255–255 Max
18	White Fine	0	Fine byte of White
19	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Red Fine	255	Fine byte of Red
21	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
22	Green Fine	255	Fine byte of Green
23	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
24	Blue Fine	255	Fine byte of Blue
25	White	255	0–0 Min 1–254 Min > Max 255–255 Max
26	White Fine	255	Fine byte of White
27	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
28	Red Fine	255	Fine byte of Red
29	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Green Fine	255	Fine byte of Green
31	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
32	Blue Fine	255	Fine byte of Blue
33	White	255	0–0 Min 1–254 Min > Max 255–255 Max
34	White Fine	255	Fine byte of White
35	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
36	Red Fine	255	Fine byte of Red
37	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
38	Green Fine	255	Fine byte of Green
39	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
40	Blue Fine	255	Fine byte of Blue

42CH (continued)

Ch	Function	Default	DMX values
41	White	255	0–0 Min 1–254 Min > Max 255–255 Max
42	White Fine	255	Fine byte of White