CINDY

CL-6004I PANEL



Manufacturer	**CINDY**
Type	**Effect light**
DMX modes	**5**
DMX footprint	**4, 6, 18, 114, 240 channels**
Beam angle	**25°**
Heads / cells	**28**
Size (W × H × D)	**503 × 235 × 116 mm**
GDTF fixture type	**4A8E6416-A3D2-45CE-B97D-34…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

4CH	4 ch
6CH	6 ch
18CH	18 ch
114CH	114 ch
240CH	240 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	
6	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

18CH

18 channels

Ch	Function	Default	DMX values

18CH (continued)

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

18CH (continued)

Ch	Function	Default	DMX values
3	Color Macro1	0	0–10 Open (wheel slot 1) 11–11 Blue (wheel slot 2) 12–48 +Green 49–49 Cyan (wheel slot 3) 50–86 -Blue (wheel slot 10) 87–87 Green (wheel slot 4) 88–124 +Red (wheel slot 12) 125–125 Yellow (wheel slot 5) 126–162 -Green (wheel slot 14) 163–163 Red (wheel slot 6) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 7) 202–238 -Red (wheel slot 18) 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
4	C TC	0	
5	Effect	0	0–0 Open 1–255 PATTERN 1-255
6	Effect 2	0	0–15 OPEN 16–229 LED BUILT-IN 1-93 230–255 MAIN BUILT-IN
7	Effect Speed 2	128	0–127 Fast > Slow 128–128 Stop 129–255 Slow > Fast
8	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Color Macro2	0	0–10 Open 11–11 Blue (wheel slot 2) 12–48 +Green 49–49 Cyan (wheel slot 3) 50–86 -Blue (wheel slot 10) 87–87 Green (wheel slot 4) 88–124 +Red (wheel slot 12) 125–125 Yellow (wheel slot 5) 126–162 -Green (wheel slot 14) 163–163 Red (wheel slot 6) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 7) 202–238 -Red (wheel slot 18) 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
10	Background Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Step Channel	0	
12	Auto Run Hold Time	0	
13	Auto Run Hold Time1	0	

18CH (continued)

Ch	Function	Default	DMX values
14	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
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

114CH

114 channels

Ch	Function	Default	DMX values
1	Dimmer	255	
2	Dimmer Fine	255	Fine byte of Dimmer

114CH (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 Macro1	0	
5	C TC	0	
6	Control1	0	
7	Red	255	
8	Green	255	
9	Blue	255	
10	White	255	
11	Red	255	
12	Green	255	
13	Blue	255	
14	White	255	
15	Red	255	
16	Green	255	
17	Blue	255	
18	White	255	

114CH (continued)

Ch	Function	Default	DMX values
19	Red	255	
20	Green	255	
21	Blue	255	
22	White	255	
23	Red	255	
24	Green	255	
25	Blue	255	
26	White	255	
27	Red	255	
28	Green	255	
29	Blue	255	
30	White	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	White	255	
35	Red	255	
36	Green	255	
37	Blue	255	
38	White	255	
39	Red	255	
40	Green	255	
41	Blue	255	
42	White	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	White	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	White	255	
51	Red	255	
52	Green	255	
53	Blue	255	
54	White	255	
55	Red	255	
56	Green	255	
57	Blue	255	
58	White	255	
59	Red	255	
60	Green	255	
61	Blue	255	
62	White	255	
63	Red	255	

114CH (continued)

Ch	Function	Default	DMX values
64	Green	255	
65	Blue	255	
66	White	255	
67	Red	255	
68	Green	255	
69	Blue	255	
70	White	255	
71	Red	255	
72	Green	255	
73	Blue	255	
74	White	255	
75	Red	255	
76	Green	255	
77	Blue	255	
78	White	255	
79	Red	255	
80	Green	255	
81	Blue	255	
82	White	255	
83	Red	255	
84	Green	255	
85	Blue	255	
86	White	255	
87	Red	255	
88	Green	255	
89	Blue	255	
90	White	255	
91	Red	255	
92	Green	255	
93	Blue	255	
94	White	255	
95	Red	255	
96	Green	255	
97	Blue	255	
98	White	255	
99	Red	255	
100	Green	255	
101	Blue	255	
102	White	255	
103	Red	255	
104	Green	255	
105	Blue	255	
106	White	255	
107	Red	255	
108	Green	255	

114CH (continued)

Ch	Function	Default	DMX values
109	Blue	255	
110	White	255	
111	Red	255	
112	Green	255	
113	Blue	255	
114	White	255	

240CH

240 channels

Ch	Function	Default	DMX values
1	Dimmer	255	
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
4	Color Macro1	0	
5	C TC	0	

240CH (continued)

Ch	Function	Default	DMX values
6	Effect	0	0–0 Open 1–255 PATTERN 1-255
7	Effect 2	0	0–15 OPEN 16–229 LED BUILT-IN 1-93 230–255 MAIN BUILT-IN
8	Effect Speed 2	128	
9	Effects2Adjust1	0	
10	Color Macro2	0	
11	Background Dimmer	0	
12	Background Dimmer Fine	0	Fine byte of Background Dimmer
13	Step Channel	0	
14	Auto Run Hold Time	0	
15	Auto Run Hold Time1	0	
16	Control1	0	
17	Red	0	
18	Red Fine	0	Fine byte of Red
19	Green	0	
20	Green Fine	0	Fine byte of Green
21	Blue	0	
22	Blue Fine	0	Fine byte of Blue
23	White	0	
24	White Fine	0	Fine byte of White
25	Red	255	
26	Red Fine	255	Fine byte of Red
27	Green	255	
28	Green Fine	255	Fine byte of Green
29	Blue	255	
30	Blue Fine	255	Fine byte of Blue
31	White	255	
32	White Fine	255	Fine byte of White
33	Red	255	
34	Red Fine	255	Fine byte of Red
35	Green	255	
36	Green Fine	255	Fine byte of Green
37	Blue	255	
38	Blue Fine	255	Fine byte of Blue
39	White	255	
40	White Fine	255	Fine byte of White
41	Red	255	
42	Red Fine	255	Fine byte of Red
43	Green	255	
44	Green Fine	255	Fine byte of Green
45	Blue	255	
46	Blue Fine	255	Fine byte of Blue
47	White	255	
48	White Fine	255	Fine byte of White

240CH (continued)

Ch	Function	Default	DMX values
49	Red	255	
50	Red Fine	255	Fine byte of Red
51	Green	255	
52	Green Fine	255	Fine byte of Green
53	Blue	255	
54	Blue Fine	255	Fine byte of Blue
55	White	255	
56	White Fine	255	Fine byte of White
57	Red	255	
58	Red Fine	255	Fine byte of Red
59	Green	255	
60	Green Fine	255	Fine byte of Green
61	Blue	255	
62	Blue Fine	255	Fine byte of Blue
63	White	255	
64	White Fine	255	Fine byte of White
65	Red	255	
66	Red Fine	255	Fine byte of Red
67	Green	255	
68	Green Fine	255	Fine byte of Green
69	Blue	255	
70	Blue Fine	255	Fine byte of Blue
71	White	255	
72	White Fine	255	Fine byte of White
73	Red	255	
74	Red Fine	255	Fine byte of Red
75	Green	255	
76	Green Fine	255	Fine byte of Green
77	Blue	255	
78	Blue Fine	255	Fine byte of Blue
79	White	255	
80	White Fine	255	Fine byte of White
81	Red	255	
82	Red Fine	255	Fine byte of Red
83	Green	255	
84	Green Fine	255	Fine byte of Green
85	Blue	255	
86	Blue Fine	255	Fine byte of Blue
87	White	255	
88	White Fine	255	Fine byte of White
89	Red	255	
90	Red Fine	255	Fine byte of Red
91	Green	255	
92	Green Fine	255	Fine byte of Green
93	Blue	255	

240CH (continued)

Ch	Function	Default	DMX values
94	Blue Fine	255	Fine byte of Blue
95	White	255	
96	White Fine	255	Fine byte of White
97	Red	255	
98	Red Fine	255	Fine byte of Red
99	Green	255	
100	Green Fine	255	Fine byte of Green
101	Blue	255	
102	Blue Fine	255	Fine byte of Blue
103	White	255	
104	White Fine	255	Fine byte of White
105	Red	255	
106	Red Fine	255	Fine byte of Red
107	Green	255	
108	Green Fine	255	Fine byte of Green
109	Blue	255	
110	Blue Fine	255	Fine byte of Blue
111	White	255	
112	White Fine	255	Fine byte of White
113	Red	255	
114	Red Fine	255	Fine byte of Red
115	Green	255	
116	Green Fine	255	Fine byte of Green
117	Blue	255	
118	Blue Fine	255	Fine byte of Blue
119	White	255	
120	White Fine	255	Fine byte of White
121	Red	255	
122	Red Fine	255	Fine byte of Red
123	Green	255	
124	Green Fine	255	Fine byte of Green
125	Blue	255	
126	Blue Fine	255	Fine byte of Blue
127	White	255	
128	White Fine	255	Fine byte of White
129	Red	255	
130	Red Fine	255	Fine byte of Red
131	Green	255	
132	Green Fine	255	Fine byte of Green
133	Blue	255	
134	Blue Fine	255	Fine byte of Blue
135	White	255	
136	White Fine	255	Fine byte of White
137	Red	255	
138	Red Fine	255	Fine byte of Red

240CH (continued)

Ch	Function	Default	DMX values
139	Green	255	
140	Green Fine	255	Fine byte of Green
141	Blue	255	
142	Blue Fine	255	Fine byte of Blue
143	White	255	
144	White Fine	255	Fine byte of White
145	Red	255	
146	Red Fine	255	Fine byte of Red
147	Green	255	
148	Green Fine	255	Fine byte of Green
149	Blue	255	
150	Blue Fine	255	Fine byte of Blue
151	White	255	
152	White Fine	255	Fine byte of White
153	Red	255	
154	Red Fine	255	Fine byte of Red
155	Green	255	
156	Green Fine	255	Fine byte of Green
157	Blue	255	
158	Blue Fine	255	Fine byte of Blue
159	White	255	
160	White Fine	255	Fine byte of White
161	Red	255	
162	Red Fine	255	Fine byte of Red
163	Green	255	
164	Green Fine	255	Fine byte of Green
165	Blue	255	
166	Blue Fine	255	Fine byte of Blue
167	White	255	
168	White Fine	255	Fine byte of White
169	Red	255	
170	Red Fine	255	Fine byte of Red
171	Green	255	
172	Green Fine	255	Fine byte of Green
173	Blue	255	
174	Blue Fine	255	Fine byte of Blue
175	White	255	
176	White Fine	255	Fine byte of White
177	Red	255	
178	Red Fine	255	Fine byte of Red
179	Green	255	
180	Green Fine	255	Fine byte of Green
181	Blue	255	
182	Blue Fine	255	Fine byte of Blue
183	White	255	

240CH (continued)

Ch	Function	Default	DMX values
184	White Fine	255	Fine byte of White
185	Red	255	
186	Red Fine	255	Fine byte of Red
187	Green	255	
188	Green Fine	255	Fine byte of Green
189	Blue	255	
190	Blue Fine	255	Fine byte of Blue
191	White	255	
192	White Fine	255	Fine byte of White
193	Red	255	
194	Red Fine	255	Fine byte of Red
195	Green	255	
196	Green Fine	255	Fine byte of Green
197	Blue	255	
198	Blue Fine	255	Fine byte of Blue
199	White	255	
200	White Fine	255	Fine byte of White
201	Red	255	
202	Red Fine	255	Fine byte of Red
203	Green	255	
204	Green Fine	255	Fine byte of Green
205	Blue	255	
206	Blue Fine	255	Fine byte of Blue
207	White	255	
208	White Fine	255	Fine byte of White
209	Red	255	
210	Red Fine	255	Fine byte of Red
211	Green	255	
212	Green Fine	255	Fine byte of Green
213	Blue	255	
214	Blue Fine	255	Fine byte of Blue
215	White	255	
216	White Fine	255	Fine byte of White
217	Red	255	
218	Red Fine	255	Fine byte of Red
219	Green	255	
220	Green Fine	255	Fine byte of Green
221	Blue	255	
222	Blue Fine	255	Fine byte of Blue
223	White	255	
224	White Fine	255	Fine byte of White
225	Red	255	
226	Red Fine	255	Fine byte of Red
227	Green	255	
228	Green Fine	255	Fine byte of Green

240CH (continued)

Ch	Function	Default	DMX values
229	Blue	255	
230	Blue Fine	255	Fine byte of Blue
231	White	255	
232	White Fine	255	Fine byte of White
233	Red	255	
234	Red Fine	255	Fine byte of Red
235	Green	255	
236	Green Fine	255	Fine byte of Green
237	Blue	255	
238	Blue Fine	255	Fine byte of Blue
239	White	255	
240	White Fine	255	Fine byte of White