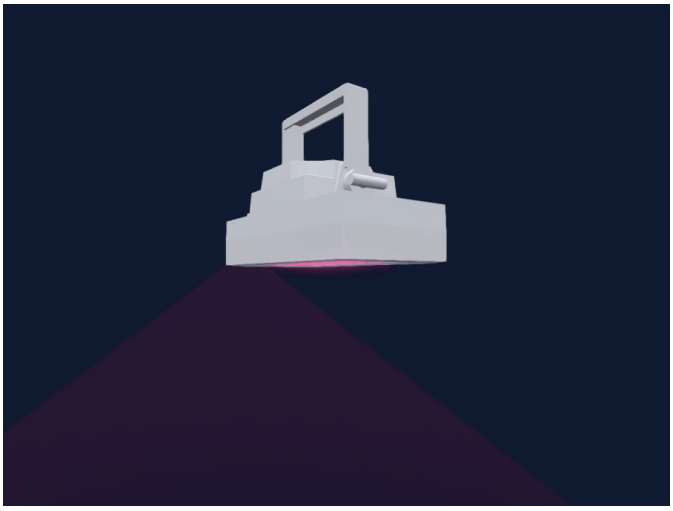
CKC Lighting

AK Blast



Manufacturer	**CKC Lighting**
Type	**Effect light**
DMX modes	**3**
DMX footprint	**15, 50, 158 channels**
Beam angle	**104-105°**
Heads / cells	**5**
Size (W × H × D)	**290 × 200 × 70 mm**
GDTF fixture type	**4092E9D1-2753-44E4-B8D7-23…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

15CH	15 ch
50CH	50 ch
158CH	158 ch

15CH

15 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Dimmer	0	0–254 RGB Dim 0% 255–255 RGB Dim 100%
6	Dimmer Fine	0	Fine byte of Dimmer
7	Dimmer	0	0–254 CW Dim 0% 255–255 CW Dim 100%
8	Dimmer Fine	0	Fine byte of Dimmer
9	Shutter / Strobe	50	0–31 Closed 32–63 Open1 64–94 Min Strobe 95–95 Max Strobe 96–127 Open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Open3 192–222 Min Random 223–223 Max Random 224–255 Open4
10	Shutter / Strobe 2	50	0–31 Closed 32–63 Open1 64–94 Min Strobe 95–95 Max Strobe 96–127 Open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Open3 192–222 Min Random 223–223 Max Random 224–255 Open4
11	Effect	0	0–15 OFF 16–22 Auto Program 1 23–29 Auto Program 2 30–36 Auto Program 3 37–43 Auto Program 4 44–50 Auto Program 5 51–57 Auto Program 6 58–64 Auto Program 7 65–71 Auto Program 8 72–78 Auto Program 9 79–85 Auto Program 10 86–92 Auto Program 11 93–99 Auto Program 12 100–106 Auto Program 13 107–113 Auto Program 14 114–120 Auto Program 15 121–127 Auto Program 16 128–134 Auto Program 17 135–141 Auto Program 18 142–148 Auto Program 19 149–155 Auto Program 20 156–161 Auto Program 21 162–169 Auto Program 22 170–176 Auto Program 23 177–183 Random Program 184–255 NO FUNCTION

15CH (continued)

Ch	Function	Default	DMX values
12	Effect Speed	0	0–254 Speed Slow 255–255 Speed Fast
13	Effects1Fade	0	0–254 Fade Slow 255–255 Fade Fast
14	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecture 81–100 Theatre 101–120 Stage2 121–255 Idle
15	Dimmer Curve	0	0–20 Dimmer Curve Linear (default) 21–40 Dimmer Curve Square 41–60 Dimmer Curve Inverse Square 61–80 Dimmer Curve S-Curve 81–255 No Function

50CH

50 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	
11	Green	255	
12	Blue	255	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	

50CH (continued)

Ch	Function	Default	DMX values
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Shutter / Strobe	50	0–31 Closed 32–63 Open1 64–94 Min Strobe 95–95 Max Strobe 96–127 Open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Open3 192–222 Min Random 223–223 Max Random 224–255 Open4
44	Shutter / Strobe 2	50	0–31 Closed 32–63 Open1 64–94 Min Strobe 95–95 Max Strobe 96–127 Open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Open3 192–222 Min Random 223–223 Max Random 224–255 Open4
45	Dimmer	255	0–254 RGB Dim 0% 255–255 RGB Dim 100%
46	Dimmer Fine	255	Fine byte of Dimmer
47	Dimmer	255	0–254 CW Dim 0% 255–255 CW Dim 100%
48	Dimmer Fine	255	Fine byte of Dimmer
49	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecture 81–100 Theatre 101–120 Stage2 121–255 Idle
50	Dimmer Curve	0	0–20 Dimmer Curve Linear (default) 21–40 Dimmer Curve Square 41–60 Dimmer Curve Inverse Square 61–80 Dimmer Curve S-Curve 81–255 No Function

158CH

158 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	

158CH (continued)

Ch	Function	Default	DMX values
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	

158CH (continued)

Ch	Function	Default	DMX values
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Reserved 128	0	
129	Reserved 129	0	
130	Reserved 130	0	
131	Reserved 131	0	
132	Reserved 132	0	
133	Reserved 133	0	
134	Reserved 134	0	
135	Reserved 135	0	

158CH (continued)

Ch	Function	Default	DMX values
136	Reserved 136	0	
137	Reserved 137	0	
138	Reserved 138	0	
139	Reserved 139	0	
140	Reserved 140	0	
141	Reserved 141	0	
142	Reserved 142	0	
143	Reserved 143	0	
144	Reserved 144	0	
145	Reserved 145	0	
146	Reserved 146	0	
147	Reserved 147	0	
148	Reserved 148	0	
149	Reserved 149	0	
150	Reserved 150	0	
151	Dimmer	255	
152	Dimmer Fine	255	Fine byte of Dimmer
153	Dimmer	255	
154	Dimmer Fine	255	Fine byte of Dimmer
155	Shutter / Strobe	50	0–31 Closed 32–63 Open1 64–94 Min Strobe 95–95 Max Strobe 96–127 Open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Open3 192–222 Min Random 223–223 Max Random 224–255 Open4
156	Shutter / Strobe 2	50	0–31 Closed 32–63 Open1 64–94 Min Strobe 95–95 Max Strobe 96–127 Open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Open3 192–222 Min Random 223–223 Max Random 224–255 Open4
157	Dimmer Mode	0	
158	Dimmer Curve	0	