CKC Lighting

ZB Par 12s



Manufacturer	**CKC Lighting**
Type	**Effect light**
DMX modes	**6**
DMX footprint	**6, 9, 10, 12, 15, 18 channels**
Beam angle	**8-50°**
Size (W × H × D)	**319 × 235 × 200 mm**
GDTF fixture type	**9A7E4167-F31B-4990-8E04-6F2…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

6CH	6 ch
9CH	9 ch
10CH	10 ch
12CH	12 ch
15CH	15 ch
18CH	18 ch

6CH

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	
5	Zoom	128	
6	Zoom Presets	0	0–20 Normal (5) 21–40 Very Narrow Spot (6) 41–60 Narrow(10) 61–80 Medium Flood(30) 81–100 Medium Flood(40) 101–255 Very Wide Flood(50)

9CH

9 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	
5	Shutter / Strobe	50	0–31 shutter closed 32–63 Shutter open1 64–94 min strobe 95–95 max strobe 96–127 Shutter open2 128–158 min pulse 159–159 max pulse 160–191 Shutter open3 192–222 min random strobe 223–223 max random strobe 224–255 Shutter open4
6	Dimmer	0	0–254 0% 255–255 100%
7	Dimmer Fine	0	Fine byte of Dimmer
8	Zoom	128	
9	Zoom Presets	0	0–20 Normal (5) 21–40 Very Narrow Spot (6) 41–60 Narrow(10) 61–80 Medium Flood(30) 81–100 Medium Flood(40) 101–255 Very Wide Flood(50)

10CH

10 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add GY	255	
8	Color Add GY Fine	255	Fine byte of Color Add GY

10CH (continued)

Ch	Function	Default	DMX values
9	Zoom	128	
10	Zoom Presets	0	0–20 Normal (5) 21–40 Very Narrow Spot (6) 41–60 Narrow(10) 61–80 Medium Flood(30) 81–100 Medium Flood(40) 101–255 Very Wide Flood(50)

12CH

12 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	
5	Color Macro1	0	
6	C TO	0	0–0 OFF 1–254 2700K 255–255 7000K
7	C TOPreset	0	0–0 off 1–54 2700K 55–109 3200K 110–164 4000K 165–219 5600K 220–255 6500K
8	Shutter / Strobe	50	0–31 shutter closed 32–63 Shutter open1 64–94 min strobe 95–95 max strobe 96–127 Shutter open2 128–158 min pulse 159–159 max pulse 160–191 Shutter open3 192–222 min random strobe 223–223 max random strobe 224–255 Shutter open4
9	Dimmer	0	0–254 0% 255–255 100%
10	Dimmer Fine	0	Fine byte of Dimmer
11	Zoom	128	
12	Zoom Presets	0	0–20 Normal (5) 21–40 Very Narrow Spot (6) 41–60 Narrow(10) 61–80 Medium Flood(30) 81–100 Medium Flood(40) 101–255 Very Wide Flood(50)

15CH

15 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	

15CH (continued)

Ch	Function	Default	DMX values
5	Color Macro1	0	
6	C TO	0	0–0 OFF 1–254 2700K 255–255 7000K
7	C TOPreset	0	0–0 off 1–54 2700K 55–109 3200K 110–164 4000K 165–219 5600K 220–255 6500K
8	Shutter / Strobe	50	0–31 shutter closed 32–63 Shutter open1 64–94 min strobe 95–95 max strobe 96–127 Shutter open2 128–158 min pulse 159–159 max pulse 160–191 Shutter open3 192–222 min random strobe 223–223 max random strobe 224–255 Shutter open4
9	Dimmer	0	0–254 0% 255–255 100%
10	Dimmer Fine	0	Fine byte of Dimmer
11	Zoom	128	
12	Zoom Presets	0	0–20 Normal (5) 21–40 Very Narrow Spot (6) 41–60 Narrow(10) 61–80 Medium Flood(30) 81–100 Medium Flood(40) 101–255 Very Wide Flood(50)
13	Dimmer Mode	0	0–20 Default 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–160 Dim Speed from Fast to Slow (0*1-10s) 161–255 Default 1
14	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inv Squa 61–80 S Curve 81–255 No Function

15CH (continued)

Ch	Function	Default	DMX values
15	Control1	0	0–15 Default 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 10000HZ 181–195 15000HZ 196–210 20000HZ 211–225 25000HZ 226–229 Enable Zoom Mode 1 (Hold 3s) 230–233 Enable Zoom Mode 2 (Hold 3s) 234–238 Zoom Reset 239–255 No Function

18CH

18 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	
5	Color Macro1	0	
6	C TO	0	0–0 OFF 1–254 2700K 255–255 7000K
7	C TOPreset	0	0–0 off 1–54 2700K 55–109 3200K 110–164 4000K 165–219 5600K 220–255 6500K
8	Shutter / Strobe	50	0–31 shutter closed 32–63 Shutter open1 64–94 min strobe 95–95 max strobe 96–127 Shutter open2 128–158 min pulse 159–159 max pulse 160–191 Shutter open3 192–222 min random strobe 223–223 max random strobe 224–255 Shutter open4
9	Dimmer	0	0–254 0% 255–255 100%
10	Dimmer Fine	0	Fine byte of Dimmer
11	Zoom	128	

18CH (continued)

Ch	Function	Default	DMX values
12	Zoom Presets	0	0–20 Normal (5) 21–40 Very Narrow Spot (6) 41–60 Narrow(10) 61–80 Medium Flood(30) 81–100 Medium Flood(40) 101–255 Very Wide Flood(50)
13	Effect	0	0–31 Off 32–63 Auto Program 1 64–95 Auto Program 2 (fade) 96–127 Auto Program 3 128–159 Auto Program 4(fade) 160–191 Auto Program 5 192–223 Auto Program 6(fade) 224–255 Auto Program 7
14	Effect Speed	0	0–254 slow 255–255 fast
15	Effects1Fade	0	
16	Dimmer Mode	0	0–20 Default 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–160 Dim Speed from Fast to Slow (0*1-10s) 161–255 Default 1
17	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inv Squa 61–80 S Curve 81–255 No Function
18	Control1	0	0–15 Default 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 10000HZ 181–195 15000HZ 196–210 20000HZ 211–225 25000HZ 226–229 Enable Zoom Mode 1 (Hold 3s) 230–233 Enable Zoom Mode 2 (Hold 3s) 234–238 Zoom Reset 239–255 No Function