CKC Lighting

ARC Par 1 IP



Manufacturer	**CKC Lighting**
Type	**PAR**
DMX modes	**3**
DMX footprint	**6, 12, 18 channels**
Beam angle	**11°**
Size (W × H × D)	**145 × 105 × 56 mm**
GDTF fixture type	**A9458AB9-C797-4FFB-8D10-EF…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Service functions · Strobe

DMX modes

6CH	6 ch
12CH	12 ch
18CH	18 ch

6CH

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Color Add RY	255	
6	UV	0	

12CH

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–127 25% 128–191 50% 192–254 75% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Closed 32–63 Open 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
4	Red	255	
5	Green	255	
6	Blue	255	
7	White	255	
8	Color Add RY	255	
9	UV	0	

12CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Color Jumping Stop 128–163 Color Jumping Speed slow 164–164 Color Jumping Speed fast 165–200 Color Fading Speed slow 201–201 Color Fading Speed fast 202–207 User Color_1 208–213 User Color_2 214–219 User Color_3 220–225 User Color_4 226–231 User Color_5 232–237 User Color_6 238–243 User Color_7 244–249 User Color_8 250–255 No Function
11	Color Mix MSpeed	0	0–5 0s 6–105 0;1s - 10s (0;1s Steps) 106–214 11s - 119s (1s Steps) 215–244 2m - 4m50s (10s Steps) 245–255 5m -15m (1m Steps)
12	Control1	0	0–23 No function 24–25 Record User Color 1 (hold 3s) 26–27 Record User Color 2 (hold 3s) 28–29 Record User Color 3 (hold 3s) 30–73 Record User Color 4 (hold 3s) 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–139 No function 140–141 Display on (hold 3s) 142–143 Display off (hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (hold 3s) 166–167 Dimmer Curve Exponential (hold 3s) 168–169 Dimmer Curve Logarithmic (hold 3s) 170–171 Dimmer Curve S-Curve (hold 3s) 172–191 No function 192–193 no Runtime / Full LED Power (hold 5s) 194–195 Eco Mode (50% LED Power)(hols 5s) 196–255 No function

18CH

18 channels

Ch	Function	Default	DMX values

18CH (continued)

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–127 25% 128–191 50% 192–254 75% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Closed 32–63 Open 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
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	White	255	
11	White Fine	255	Fine byte of White
12	Color Add RY	255	
13	Color Add RY Fine	255	Fine byte of Color Add RY
14	UV	0	
15	UV Fine	0	Fine byte of UV

18CH (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Color Jumping Stop 128–163 Color Jumping Speed slow 164–164 Color Jumping Speed fast 165–200 Color Fading Speed slow 201–201 Color Fading Speed fast 202–207 User Color_1 208–213 User Color_2 214–219 User Color_3 220–225 User Color_4 226–231 User Color_5 232–237 User Color_6 238–243 User Color_7 244–249 User Color_8 250–255 No Function
17	Color Mix MSpeed	0	0–5 0s 6–105 0;1s - 10s (0;1s Steps) 106–214 11s - 119s (1s Steps) 215–244 2m - 4m50s (10s Steps) 245–255 5m -15m (1m Steps)
18	Control1	0	0–23 No function 24–25 Record User Color 1 (hold 3s) 26–27 Record User Color 2 (hold 3s) 28–29 Record User Color 3 (hold 3s) 30–73 Record User Color 4 (hold 3s) 74–75 Dimmer Response LED (hold 3s) 76–77 Dimmer Response Halogen (hold 3s) 78–139 No function 140–141 Display on (hold 3s) 142–143 Display off (hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (hold 3s) 166–167 Dimmer Curve Exponential (hold 3s) 168–169 Dimmer Curve Logarithmic (hold 3s) 170–171 Dimmer Curve S-Curve (hold 3s) 172–191 No function 192–193 no Runtime / Full LED Power (hold 5s) 194–195 Eco Mode (50% LED Power)(hols 5s) 196–255 No function