CKC Lighting

Wash Z500



Manufacturer	**CKC Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**18, 25 channels**
Beam angle	**10-45°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**279 × 356 × 229 mm**
GDTF fixture type	**2337F37A-11AB-4C37-B162-EB…**

Controls

Zoom · Extra LED colours · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Standard 18CH	18 ch
Extended 25CH	25 ch

Standard 18CH

18 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open1 64–94 Strobe Slow 95–95 Strobe Fast 96–127 Shutter Open2 128–158 Pulse-Effect slow 159–159 Pulse-Effect fast 160–191 Shutter Open3 192–222 Random Strobe Slow 223–223 Random Strobe Fast 224–255 Shutter Open4
8	Red	255	
9	Green	255	
10	Blue	255	
11	Color Add RY	255	
12	Color Add GY	255	
13	Color Wheel	0	0–0 Open 1–70 Virtual Swatch Book 71–179 Open 180–201 CCW fast to slow 202–207 Stop 208–234 CCW slow to fast 235–239 Random Slots Fast 240–244 Random Slots Medium 245–249 Random Slots Slow 250–255 Open
14	C TO	56	
15	Zoom	127	0–254 Narrow 255–255 Wide
16	Shaper Rot	219	0–180 0-360 Index 181–198 Fast 199–216 Med 217–217 Slow 218–218 Stop 219–236 Slow 237–254 Med 255–255 Fast
17	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

Standard 18CH (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–15 Idle 16–20 Invert Pan on (Hold 3s) 21–25 Invert Pan off (Hold 5s) 26–30 Invert Tilt on (Hold 3s) 31–35 Invert Tilt off (Hold 5s) 36–40 Fan Silent (Hold 3s) 41–45 Fan Auto (Hold 5s) 46–50 Fan High(Hold 3s) 51–55 Linear Dimmer Curve (hold 3s) 56–60 Square Dimmer Curve (hold 3s) 61–65 Inv-Square Dimmer Curve (hold 3s) 66–70 S - Dimmer Curve (hold 3s) 71–75 1200Hz 76–80 3600Hz 81–85 5000Hz 86–90 10KHz 91–95 15KHz 96–100 20KHz 101–105 25KHz 106–110 Reset Pan/Tilt (Hold 3s) 111–115 Reset only Head (Hold 3s) 116–120 Reset All Functions (Hold 3s) 121–125 DTW ON 126–130 DTW OFF 131–255 No Function

Extended 25CH

25 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open1 64–94 Strobe Slow 95–95 Strobe Fast 96–127 Shutter Open2 128–158 Pulse-Effect slow 159–159 Pulse-Effect fast 160–191 Shutter Open3 192–222 Random Strobe Slow 223–223 Random Strobe Fast 224–255 Shutter Open4
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue

Extended 25CH (continued)

Ch	Function	Default	DMX values
14	Color Add RY	255	
15	Color Add RY Fine	255	Fine byte of Color Add RY
16	Color Add GY	255	
17	Color Add GY Fine	255	Fine byte of Color Add GY
18	Color Wheel	0	0–0 Open 1–70 Virtual Swatch Book 71–179 Open 180–201 CCW fast to slow 202–207 Stop 208–234 CCW slow to fast 235–239 Random Slots Fast 240–244 Random Slots Medium 245–249 Random Slots Slow 250–255 Open
19	C TO	56	
20	Tint	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
21	Zoom	127	0–254 Narrow 255–255 Wide
22	Shaper Rot	219	0–180 0-360 Index 181–198 Fast 199–216 Med 217–217 Slow 218–218 Stop 219–236 Slow 237–254 Med 255–255 Fast
23	Position Effect Rate	0	
24	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

Extended 25CH (continued)

Ch	Function	Default	DMX values
25	Control1	0	0–15 Idle 16–20 Invert Pan on (Hold 3s) 21–25 Invert Pan off (Hold 5s) 26–30 Invert Tilt on (Hold 3s) 31–35 Invert Tilt off (Hold 5s) 36–40 Fan Silent (Hold 3s) 41–45 Fan Auto (Hold 5s) 46–50 Fan High(Hold 3s) 51–55 Linear Dimmer Curve (hold 3s) 56–60 Square Dimmer Curve (hold 3s) 61–65 Inv-Square Dimmer Curve (hold 3s) 66–70 S - Dimmer Curve (hold 3s) 71–75 1200Hz 76–80 3600Hz 81–85 5000Hz 86–90 10KHz 91–95 15KHz 96–100 20KHz 101–105 25KHz 106–110 Reset Pan/Tilt (Hold 3s) 111–115 Reset only Head (Hold 3s) 116–120 Reset All Functions (Hold 3s) 121–125 DTW ON 126–130 DTW OFF 131–255 No Function