CKC Lighting

Tourist M7



Manufacturer	**CKC Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**41, 57 channels**
Beam angle	**3.5-52°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**258 × 435 × 241 mm**
GDTF fixture type	**0C52837A-F4E8-46AB-BC05-EF…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

Standard 41CH	41 ch
Extended 57CH	57 ch

Standard 41CH

41 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Pan Rotate	0	0–127 No function 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
6	Dimmer	0	0–63 0% Dim 64–127 25% Dim 128–191 50% Dim 192–254 75% Dim 255–255 100% Dim
7	Dimmer Fine	0	Fine byte of Dimmer
8	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
9	Cyan	0	
10	Magenta	0	
11	Yellow	0	
12	C TO	0	0–254 6500K 255–255 2400K
13	Color Wheel	0	0–5 Color off (open) (wheel slot 1) 6–104 Indexing 105–110 Open (wheel slot 1) 111–120 Deep Red (wheel slot 2) 121–130 Medium Blue (wheel slot 3) 131–140 Deep Green (wheel slot 4) 141–150 Amber (wheel slot 5) 151–160 Deep Blue (wheel slot 6) 161–170 CTB (wheel slot 7) 171–192 Open2 (wheel slot 1) 193–222 Rot CW Fast 223–223 Rot CW Slow 224–224 Rot Stop 225–254 Rot CCW Slow 255–255 Rot CCW Fast
14	Color Wheel Fine	0	Fine byte of Color Wheel

Standard 41CH (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–5 Open (wheel slot 1) 6–16 Gobo 1 (wheel slot 2) 17–27 Gobo 2 (wheel slot 3) 28–38 Gobo 3 (wheel slot 4) 39–49 Gobo 4 (wheel slot 5) 50–60 Gobo 5 (wheel slot 6) 61–71 Gobo 6 (wheel slot 7) 72–82 Gobo 7 (wheel slot 8) 83–97 Gobo 1 shake (wheel slot 2) 98–112 Gobo 2 shake (wheel slot 3) 113–127 Gobo 3 shake (wheel slot 4) 128–142 Gobo 4 shake (wheel slot 5) 143–157 Gobo 5 shake (wheel slot 6) 158–172 Gobo 6 shake (wheel slot 7) 173–187 Gobo 7 shake (wheel slot 8) 188–192 Open (wheel slot 1) 193–222 Rot CW Fast 223–223 Rot CW Slow 224–224 Rot Stop 225–254 Rot CCW Slow 255–255 Rot CCW Fast
16	Gobo Rotation	0	0–5 Rot Off 6–128 Pos 0-540 degree 129–190 Rot CW Fast 191–191 Rot CW Slow 192–192 Rot Stop 193–254 Rot CCW Slow 255–255 Rot CCW Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	Gobo 2	0	0–5 Open (wheel slot 1) 6–16 Gobo 1 (wheel slot 2) 17–27 Gobo 2 (wheel slot 3) 28–38 Gobo 3 (wheel slot 4) 39–49 Gobo 4 (wheel slot 5) 50–60 Gobo 5 (wheel slot 6) 61–71 Gobo 6 (wheel slot 7) 72–82 Gobo 7 (wheel slot 8) 83–97 Gobo 1 shake (wheel slot 2) 98–112 Gobo 2 shake (wheel slot 3) 113–127 Gobo 3 shake (wheel slot 4) 128–142 Gobo 4 shake (wheel slot 5) 143–157 Gobo 5 shake (wheel slot 6) 158–172 Gobo 6 shake (wheel slot 7) 173–187 Gobo 7 shake (wheel slot 8) 188–192 Open (wheel slot 1) 193–222 Rot CW Fast 223–223 Rot CW Slow 224–224 Rot Stop 225–254 Rot CCW Slow 255–255 Rot CCW Fast
19	Gobo Rotation 2	0	0–5 Rot Off 6–128 Pos 0-540 degree 129–190 Rot CW Fast 191–191 Rot CW Slow 192–192 Rot Stop 193–254 Rot CCW Slow 255–255 Rot CCW Fast
20	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
21	Zoom	128	0–127 Narrow 128–254 Center 255–255 Wide

Standard 41CH (continued)

Ch	Function	Default	DMX values
22	Focus	128	0–254 0% 255–255 100%
23	Iris	0	0–190 Open 191–191 Closed 192–206 Pulse up slow 207–207 Pulse up fast 208–222 Pulse dowm slow 223–223 Pulse dowm fast 224–238 Random effect slow 239–239 Random effect fast 240–254 Up-Down slow 255–255 Up-Down fast
24	Prism	0	0–5 Open (wheel slot 1) 6–255 Prism 1 (wheel slot 2)
25	Prism Rotation	0	0–5 Rot Off 6–128 Pos 0-540 degrees 129–190 Rot CW Fast 191–191 Rot CW Slow 192–192 Rot Stop 193–254 Rot CCW Slow 255–255 Rot CCW Fast
26	Prism	0	0–5 No Prism (wheel slot 1) 6–255 Prism 2 (wheel slot 2)
27	Prism Rotation	0	0–5 Rot Off 6–128 Pos 0-540 degrees 129–190 Rot CW Fast 191–191 Rot CW Slow 192–192 Rot Stop 193–254 Rot CCW Slow 255–255 Rot CCW Fast
28	Frost1	0	0–254 Soft Frost 0% 255–255 Soft Frost 100%
29	Frost2	0	0–254 Heavy Frost 0% 255–255 Heavy Frost 100%
30	Animation Wheel1	6	0–5 Rot Off (wheel slot 1) 6–63 Pos 540 degrees (wheel slot 2) 64–93 Rot CW Fast 94–94 Rot CW Slow 95–96 Stop1 97–126 Rot CCW Slow 127–127 Rot CCW Fast 128–157 Rot CW to CCW Slow 158–158 Rot CW to CCW Fast 159–160 Stop2 161–190 Snap CW Fast 191–191 Snap CW Slow 192–193 No rotation 194–223 Snap CCW Slow 224–224 Snap CCW Fast 225–254 Snap CW to CCW Slow 255–255 Snap CW to CCW Fast
31	Blade1A	0	0–254 1A Min 255–255 1A Max
32	Blade1B	0	0–254 1B Min 255–255 1B Max
33	Blade2A	0	0–254 2A Min 255–255 2A Max

Standard 41CH (continued)

Ch	Function	Default	DMX values
34	Blade2B	0	0–254 2B Min 255–255 2B Max
35	Blade3A	0	0–254 3A Min 255–255 3A Max
36	Blade3B	0	0–254 3B Min 255–255 3B Max
37	Blade4A	0	0–254 4A Min 255–255 4A Max
38	Blade4B	0	0–254 4B Min 255–255 4B Max
39	Shaper Rot	128	
40	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to unit Setting
41	Control1	0	0–5 No function1 6–10 Display OFF(Hold 3s) 11–15 Display ON(Hold 3s) 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 Auto (Default) 41–45 Fan Silent (Hold 3s) 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 1200 Hz (hold 3s) 76–80 3600 Hz (hold 3s) 81–85 5000 Hz (hold 3s) 86–90 10000 Hz (hold 3s) 91–95 15000 Hz (hold 3s) 96–100 20000 Hz (hold 3s) 101–105 25000 Hz (hold 3s) 106–110 P/T motor reset(hold 3s) 111–115 Other motor reset(hold 3s) 116–120 All motor reset(hold 3s) 121–125 Standard Mode 126–130 High CRI 131–135 6500K(default) 136–140 6000K 141–145 3000K 146–150 Gobo CTB auto On(Hold 3s) 151–155 Gobo CTB auto Off(Hold 3s) 156–160 Factory Default(Hold 3s) 161–255 No function2

Extended 57CH

57 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	

Extended 57CH (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	0	Fine byte of Tilt
5	Pan Rotate	0	0–127 No function 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
6	Dimmer	0	0–63 0% Dim 64–127 25% Dim 128–191 50% Dim 192–254 75% Dim 255–255 100% Dim
7	Dimmer Fine	0	Fine byte of Dimmer
8	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
9	Cyan	0	
10	Cyan Fine	0	Fine byte of Cyan
11	Magenta	0	
12	Magenta Fine	0	Fine byte of Magenta
13	Yellow	0	
14	Yellow Fine	0	Fine byte of Yellow
15	C TO	0	0–254 6500K 255–255 2400K
16	C TO Fine	0	Fine byte of C TO
17	Color Wheel	0	0–5 Color off (open) (wheel slot 1) 6–104 Indexing 105–110 Open (wheel slot 1) 111–120 Deep Red (wheel slot 2) 121–130 Medium Blue (wheel slot 3) 131–140 Deep Green (wheel slot 4) 141–150 Amber (wheel slot 5) 151–160 Deep Blue (wheel slot 6) 161–170 CTB (wheel slot 7) 171–192 Open2 (wheel slot 1) 193–222 Rot CW Fast 223–223 Rot CW Slow 224–224 Rot Stop 225–254 Rot CCW Slow 255–255 Rot CCW Fast
18	Color Wheel Fine	0	Fine byte of Color Wheel

Extended 57CH (continued)

Ch	Function	Default	DMX values
19	Gobo	0	0–5 Open (wheel slot 1) 6–16 Gobo 1 (wheel slot 2) 17–27 Gobo 2 (wheel slot 3) 28–38 Gobo 3 (wheel slot 4) 39–49 Gobo 4 (wheel slot 5) 50–60 Gobo 5 (wheel slot 6) 61–71 Gobo 6 (wheel slot 7) 72–82 Gobo 7 (wheel slot 8) 83–97 Gobo 1 shake (wheel slot 2) 98–112 Gobo 2 shake (wheel slot 3) 113–127 Gobo 3 shake (wheel slot 4) 128–142 Gobo 4 shake (wheel slot 5) 143–157 Gobo 5 shake (wheel slot 6) 158–172 Gobo 6 shake (wheel slot 7) 173–187 Gobo 7 shake (wheel slot 8) 188–192 Open (wheel slot 1) 193–222 Rot CW Fast 223–223 Rot CW Slow 224–224 Rot Stop 225–254 Rot CCW Slow 255–255 Rot CCW Fast
20	Gobo Rotation	0	0–5 Rot Off 6–128 Pos 0-540 degree 129–190 Rot CW Fast 191–191 Rot CW Slow 192–192 Rot Stop 193–254 Rot CCW Slow 255–255 Rot CCW Fast
21	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
22	Gobo 2	0	0–5 Open (wheel slot 1) 6–16 Gobo 1 (wheel slot 2) 17–27 Gobo 2 (wheel slot 3) 28–38 Gobo 3 (wheel slot 4) 39–49 Gobo 4 (wheel slot 5) 50–60 Gobo 5 (wheel slot 6) 61–71 Gobo 6 (wheel slot 7) 72–82 Gobo 7 (wheel slot 8) 83–97 Gobo 1 shake (wheel slot 2) 98–112 Gobo 2 shake (wheel slot 3) 113–127 Gobo 3 shake (wheel slot 4) 128–142 Gobo 4 shake (wheel slot 5) 143–157 Gobo 5 shake (wheel slot 6) 158–172 Gobo 6 shake (wheel slot 7) 173–187 Gobo 7 shake (wheel slot 8) 188–192 Open (wheel slot 1) 193–222 Rot CW Fast 223–223 Rot CW Slow 224–224 Rot Stop 225–254 Rot CCW Slow 255–255 Rot CCW Fast
23	Gobo Rotation 2	0	0–5 Rot Off 6–128 Pos 0-540 degree 129–190 Rot CW Fast 191–191 Rot CW Slow 192–192 Rot Stop 193–254 Rot CCW Slow 255–255 Rot CCW Fast
24	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
25	Zoom	128	0–127 Narrow 128–254 Center 255–255 Wide

Extended 57CH (continued)

Ch	Function	Default	DMX values
26	Zoom Fine	0	Fine byte of Zoom
27	Focus	128	0–254 0% 255–255 100%
28	Focus Fine	0	Fine byte of Focus
29	Iris	0	0–190 Open 191–191 Closed 192–206 Pulse up slow 207–207 Pulse up fast 208–222 Pulse dowm slow 223–223 Pulse dowm fast 224–238 Random effect slow 239–239 Random effect fast 240–254 Up-Down slow 255–255 Up-Down fast
30	Prism	0	0–5 Open (wheel slot 1) 6–255 Prism 1 (wheel slot 2)
31	Prism Rotation	0	0–5 Rot Off 6–128 Pos 0-540 degrees 129–190 Rot CW Fast 191–191 Rot CW Slow 192–192 Rot Stop 193–254 Rot CCW Slow 255–255 Rot CCW Fast
32	Prism	0	0–5 No Prism (wheel slot 1) 6–255 Prism 2 (wheel slot 2)
33	Prism Rotation	0	0–5 Rot Off 6–128 Pos 0-540 degrees 129–190 Rot CW Fast 191–191 Rot CW Slow 192–192 Rot Stop 193–254 Rot CCW Slow 255–255 Rot CCW Fast
34	Frost1	0	0–254 Soft Frost 0% 255–255 Soft Frost 100%
35	Frost2	0	0–254 Heavy Frost 0% 255–255 Heavy Frost 100%
36	Animation Wheel1	6	0–5 Rot Off (wheel slot 1) 6–63 Pos 540 degrees (wheel slot 2) 64–93 Rot CW Fast 94–94 Rot CW Slow 95–96 Stop1 97–126 Rot CCW Slow 127–127 Rot CCW Fast 128–157 Rot CW to CCW Slow 158–158 Rot CW to CCW Fast 159–160 Stop2 161–190 Snap CW Fast 191–191 Snap CW Slow 192–193 No rotation 194–223 Snap CCW Slow 224–224 Snap CCW Fast 225–254 Snap CW to CCW Slow 255–255 Snap CW to CCW Fast
37	Blade1A	0	0–254 1A Min 255–255 1A Max
38	Blade1A Fine	0	Fine byte of Blade1A
39	Blade1B	0	0–254 1B Min 255–255 1B Max

Extended 57CH (continued)

Ch	Function	Default	DMX values
40	Blade1B Fine	0	Fine byte of Blade1B
41	Blade2A	0	0–254 2A Min 255–255 2A Max
42	Blade2A Fine	0	Fine byte of Blade2A
43	Blade2B	0	0–254 2B Min 255–255 2B Max
44	Blade2B Fine	0	Fine byte of Blade2B
45	Blade3A	0	0–254 3A Min 255–255 3A Max
46	Blade3A Fine	0	Fine byte of Blade3A
47	Blade3B	0	0–254 3B Min 255–255 3B Max
48	Blade3B Fine	0	Fine byte of Blade3B
49	Blade4A	0	0–254 4A Min 255–255 4A Max
50	Blade4A Fine	0	Fine byte of Blade4A
51	Blade4B	0	0–254 4B Min 255–255 4B Max
52	Blade4B Fine	0	Fine byte of Blade4B
53	Shaper Rot	128	
54	Shaper Rot Fine	0	Fine byte of Shaper Rot
55	Position MSpeed	0	0–254 Max Speed 255–255 Min Speed
56	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 57CH (continued)

Ch	Function	Default	DMX values
57	Control1	0	0–5 No function1 6–10 Display OFF(Hold 3s) 11–15 Display ON(Hold 3s) 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 Auto (Default) 41–45 Fan Silent (Hold 3s) 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 1200 Hz (hold 3s) 76–80 3600 Hz (hold 3s) 81–85 5000 Hz (hold 3s) 86–90 10000 Hz (hold 3s) 91–95 15000 Hz (hold 3s) 96–100 20000 Hz (hold 3s) 101–105 25000 Hz (hold 3s) 106–110 P/T motor reset(hold 3s) 111–115 Other motor reset(hold 3s) 116–120 All motor reset(hold 3s) 121–125 Standard Mode 126–130 High CRI 131–135 6500K(default) 136–140 6000K 141–145 3000K 146–150 Gobo CTB auto On(Hold 3s) 151–155 Gobo CTB auto Off(Hold 3s) 156–160 Factory Default(Hold 3s) 161–255 No function2